

# **HAL FOX’S “FUSION FACTS” NEWSLETTERS: A VITAL RESOURCE FOR DOCUMENTING EARLY COLD FUSION ACCOMPLISHMENTS**

*A PROJECT OF THE LENR RESEARCH  
DOCUMENTATION INITIATIVE*

**Second Draft Report, Volume 2**

**Bibliography from “Cold Fusion Impact in the Enhanced  
Energy Age”**

Thomas W. Grimshaw, Ph.D.  
LENRGY, LLC  
Austin, TX

Christy Frazier, Managing Editor  
Infinite Energy Magazine  
Concord, NH



September 9, 2023

## **Contents**

---

1	Introduction.....	3
2	Fox’s Bibliography in “Cold Fusion Impact in the Enhanced Energy Age” .....	5
2.1	Impacts on Sectors of Society .....	5
2.2	Bibliography from Fusion Facts Newsletter .....	7
	Appendix A. Cold Fusion Bibliography on Diskette in “Cold Fusion Impact in The Enhanced Energy Age” .....	8
A1.	Papers and Reports .....	8
A2.	Books and Proceedings .....	129
A3.	ELECTROCHEMICAL SOCIETY MEETING IN HOLLYWOOD, FL. ....	129

## 1 Introduction

---

Cold fusion (CF) was announced on March 23, 1989, by Dr. Martin Fleischman and Dr. Stanley Pons. The immense potential energy benefits of CF (also referred to as Low Energy Nuclear Reactions, LENR) were immediately recognized. Humankind's need for a source of cheap, clean, inexhaustible, and safe energy seemed to be permanently satisfied. However, LENR was rejected by mainstream science within a year or so, and it remains highly marginalized to this day. On the other hand, the phenomenon has continued to be rigorously pursued by many investigators in several countries. The mounting evidence for the reality of LENR shows that its potential benefits may yet be realized.

Hal Fox (Figure 1-1<sup>1</sup>) made many contributions to the cold fusion field starting very soon after the 1989 announcement as described in Volume 1 of this report. His achievements are well summarized in his obituary in *Infinite Energy*<sup>2</sup>. He created the Fusion Information Center and worked closely with many of the field's most prominent researchers for more than 20 years before his death in 2012.



*Figure 1-1.  
Hal Fox*

---

<sup>1</sup> Date Uncertain. Source: Cold Fusion Research Laboratory (Japan). <http://www.kozima-cfrl.com/News/CFREngNews/CFRLEN79.pdf>.

<sup>2</sup> Frazier, C., 2012. New Energy Advocate Hal Fox Dies. *Infinite Energy*, Issue 105, September/October.

One of Fox's most significant accomplishments was his monthly newsletter, "Fusion Facts", which he started just a few months after the announcement. Because of its timing and thorough coverage, the newsletter is one of the most significant sources of information on the people and activities in the cold fusion field in its earliest stages.

A project has been undertaken by LENRGY and Infinite Energy to describe the Fusion Facts contents and make the newsletters more readily available in the public realm. Additional information on Fox's Fusion Facts and LENR career is in Volume 1 of this report. This Volume 2 focuses on the cold fusion bibliography included in his book as a floppy disk.

## 2 Fox's Bibliography in "Cold Fusion Impact in the Enhanced Energy Age"

Hal Fox's book, "Cold Fusion Impact in The Enhanced Energy Age" (Figure 2-1) appeared in 1992. It was published by his Fusion Information Center, Salt Lake City, with Fox indicated as editor of "Fusion Facts". It was advertised in Fusion Facts in September 1995 (Figure 2-2).

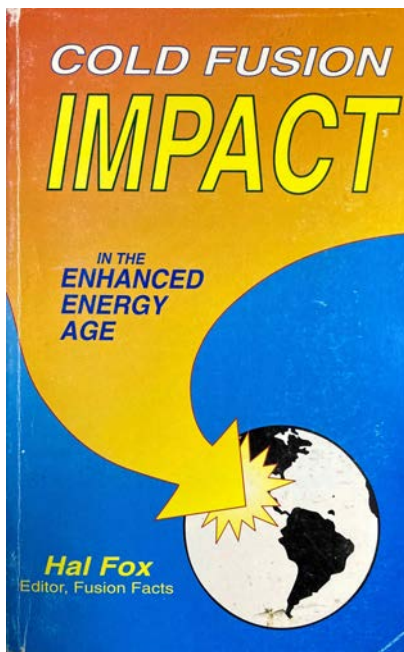


Figure 2-1.  
Cover of Hal Fox's Book

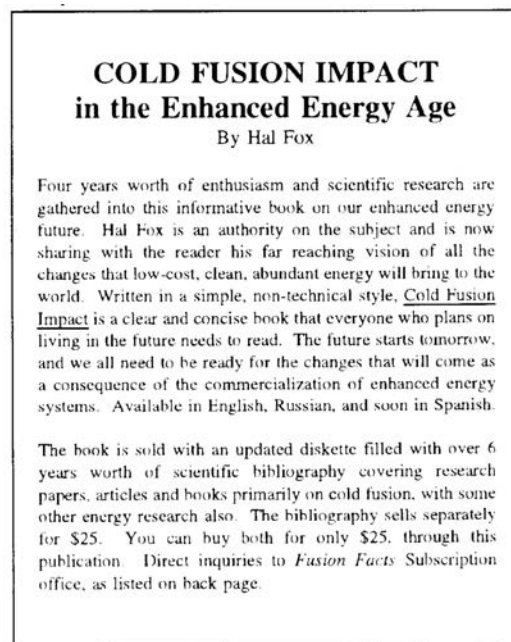


Figure 2-2.  
Fusion Facts Announcement, September 1995

### 2.1 Impacts on Sectors of Society

As the title indicates, the book delineates the expected impacts of cold fusion on various portions of society. The book is very closely related to Fusion Facts. Its 12 chapters are listed in its table of contents as shown in Figure 2-3. Nine of the 12 chapters are similar to topics in Fusion Facts (see Volume 1).

TABLE OF CONTENTS
FOREWORD
1. DEVELOPMENT OF NEW ENERGY TECHNOLOGY. Revolutionary Energy Source, Dream of Clean, Low-cost Energy; Hot Fusion and Fission; Cold Fusion Concept; A New Science Emerges; How Cold Fusion Works; Patents; Cold Fusion Energy Advantages.
2. COMMERCIALIZING COLD FUSION. Essential Conditions for Commercialization; Heat -- First Commercial Application; The Economics of Cold Fusion; Future Power Plant Design; Corporate Involvement
COLD FUSION IMPACT ON ...
3. GOVERNMENTS. Global Response: A Study in Contrast; Response in India and Japan; Response in the United States; Energy Changes Will Impact Governments.
4. ENERGY POLICY. Impact on Future U.S. Energy Policy; Oil Development -
- Alaska and U.S.; Contacts within the Department of Energy.
5. ENVIRONMENT. Problem: Burning Fossil Fuels; Problem: Agricultural Growth; Problem: Energy for Manufacturing; Solution for the Environment: Clean, Low-cost Energy.
6- AGRICULTURE. Past Improvements in Agriculture; Current Food Challenge; Low-cost Energy in Agriculture; Projected Areas of Improvement.
7. TRANSPORTATION INDUSTRIES. Fusion - Electric Automobile; Fuels from Water, Freedom from Pollution; Problems to be Resolved; Role of Service Stations and Mechanics; Redesigning Cities; Mobile Energy Systems for Prime Movers.
8. MANUFACTURING. Cold Fusion Technology Characteristics; Energy Used by Basic Processes; Energy Consumption; Total Electrical Energy Used in U.S.; Electrochemical Cells; Water Heating; Factors to Consider.
9. THE FINANCIAL COMMUNITY. Negative Impact to Some Industries; Warnings; International Implications; Impact on Venture Capital.
10. EDUCATION. The Problem of Discovery; The Peer Review Process; Who Is a Peer?; The "Fiasco of the Century"; An Analysis of Comments; The Education Industry; Pre- college Education; College Education; Corporate Education and Retraining; Challenge to Science Teachers; Community Education & FIC Resources.
11. ENHANCED ENERGY TECHNOLOGY. "EV" Patents; Tapping the Energy of Space; How Much Energy Is There?; The Implications Are Enormous; Before the Turn of the Century; Saving a World at Risk.
12. MILESTONES OF COLD FUSION DEVELOPMENT

*Figure 2-3.  
Contents of "Cold Fusion Impact in the Enhanced Energy Age"*

## 2.2 Bibliography from Fusion Facts Newsletter

Another way that Fox's book is closely tied to Fusion Facts is the "Bibliography of Cold Fusion", which is in a floppy disk included in a pocket that is attached to the inside of the back cover (Figure 2-4). The label on the 3-1/2 inch floppy disk indicates that the bibliography has over 90 pages and that it is updated quarterly.

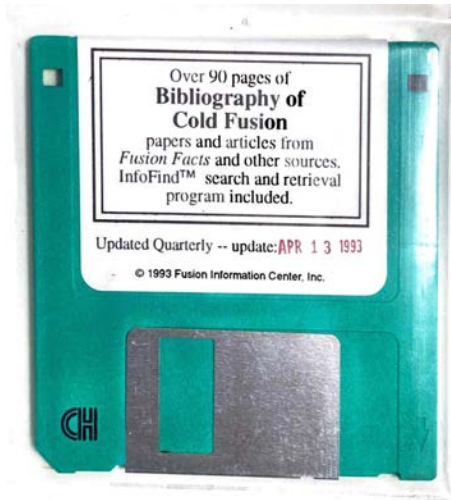


Figure 2-4

*Example Floppy Disk with "Bibliography of Cold Fusion" Included in Fox's Book*

A disk with a December 1992 date has been read and the contents placed in a Microsoft Word file. Approximately 1470 references were found, occupying nearly 90 pages, as claimed by the disk label. They are listed in Appendix A. The references are taken almost entirely from citations in the issues of Fusion Facts. Nearly all of the references in fact have a notation of the month and year of the newsletter where the reference occurs (see Volume 1 of this report).

## **Appendix A. Cold Fusion Bibliography on Diskette in “Cold Fusion Impact in The Enhanced Energy Age”**

---

### COLD FUSION BIBLIOGRAPHY

from FUSION FACTS

July 1989 - December 1992

From Diskette in Hal Fox's

“Cold Fusion Impact in the Enhanced Energy Age” (©1992)

Thomas W. Grimshaw, LENRGY, LLC, Austin, Texas

November 2021

### **A1. Papers and Reports**

Note: The last item in each entry is the date of appearance in Fusion Facts, which was published from July 1989 to December 1996. FF entries for January 1993 to December 1996 are therefore unlikely to be included in this bibliography.

1. G.C. Abell, L.K. Matson, and R.H. Steinmeyer, "Helium Release from Aged Palladium Tritide," *Physical Review B*, vol. 41, no. 2, pp 1220-3, January 15, 1990, 23 refs. (FF Feb. 1990)
2. D. Aberdam, M. Avenier, G. Bagieu, J. Bouchez, J.F. Cavaignac, J. Collot, R. Durand, R. Faure, J. Favier, E. Kajfasz, D.H. Koang, B. Lefievre, E. Lesquoy, H. Pessard, A. Rouault, J.P. Senateur, A. Stutz, and F. Weiss (Various labs in France), "Limits on Neutron Emission Following Deuterium Absorption into Palladium and Titanium." *Physical Review Letters*, vol. 65, no. 10, pp 1196-9, 3 Sep. 1990, 11 refs, 1 fig, tables. [Paper received 12 Dec. 1989.] (FF Oct. 1990)
3. G. Adachi and H. Sakaguchi (Dept. of Applied Chemistry, Faculty of Engineering, Osaka University, Japan) and K. Nagao (Inst. for Study of the Earth's Interior, Okayama University, Misaso, Japan), "<sup>3</sup>He and <sup>4</sup>He from D<sup>2</sup> Absorbed in LaNi(5)," *Journal of Alloys and Compounds*, vol. 181, 1992, pp 469-76 JAL 8083. (FF Dec. 1992)
4. Robert K. Adair, "Review of the National Cold Fusion Institute," Yale University, December 1, 1990, *Fusion Facts* Feb. 1991, p 2.
5. R. Adzic, D. Gervasio, I. Bae, B. Cahan and E. Yeager (Case Western Reserve U.), "Investigation of Phenomena Related to D(2)O Electrolysis at a Palladium Cathode,"



- Proceedings of The First Annual Conference on Cold Fusion, March 28-31, 1990, University of Utah Research Park, Salt Lake City, Utah. (FF Apr. 1990)
6. M. Agnello, T. Bressani, D. Calvo, A. Feliciello, P. Gianotti, F. Iazzi, and B. Minetti (INFN Sezione di Torino, Italy), "Performances of a Neutron Detector Based on Double Scattering," presented at Second Annual Conference on Cold Fusion, June 29-July 4, 1991, Como, Italy. (FF July 1991)
  7. M. Agnello, F. Iazzi, and B. Minetti (INFN Sezione di Torino, Italy), E. Botta, T. Bressani, O. Brunasso, D. Calvo, D. Dattola, P. Gianotti, C. Lamberti and A. Zecchina, "Improvement of the TOFUS Apparatus," *The Science of Cold Fusion, Proceedings of the II Annual Conference on Cold Fusion*, Como, Italy, June 29-July 4, 1991, pp 249-54, 5 refs, 6 figs. (FF April 1992)
  8. Sebastiano Aiello, Enrico De Filippo, Gaetano Lanzano, Salvatore Lo Nigro and Angelo Pagano (Istituto Nazionale di Fisica Nucleare and Dept. of Physics, U. of Catania, Italy), "Nuclear Fusion Experiment in Palladium Charged by Deuterium Gas", *Fusion Technology*, vol. 18, no. 1, August 1990, pp 115-9, 12 refs. (FF Sep. 1990)
  9. Yu. R. Alanakyan (Translated by D. Parsons), "Self-localized Electromagnetic Vortex in a Dense Gas," *Soviet Physics JETP, Jrnl. of Experimental and Theoretical Physics*," vol. 101, no. 1, pp 53-9, Jan 1992, 18 refs. Published by American Inst. of Physics. (FF April 1990)
  10. D. Albagli, R. Ballinger, V. Cammarata, X. Chen, R.M. Crooks, C. Fiore, M.J.P. Gaudreau, I. Hwang, C.K. Li, P. Linsay, S.C. Luckhardt, R.R. Parker, R.D. Petrasso, M.O. Schloh, K.W. Wenzel and M.S. Wrighton (MIT Departments of Chemistry, Nuclear Engineering, Materials Science and Engineering) and the Plasma Fusion Center have prepared a paper "Measurement and Analysis of Neutron and Gamma-ray Emission Rates, other Fusion Products, and Power in Electrochemical Cells Having Pd Cathodes," submitted to *Journal of Fusion Energy*. (FF Sep. 1989)
  11. M.A. Alberg et al., "Upper Limits to Fusion Rates of Isotopic Hydrogen Molecules in Pd," *Physical Review C*, vol. 41, June 1990, pp 2544-7.
  12. Charles Alcock (Inst. of Geophysics, Livermore Nat'l Lab.), "Engineering with Quark Matter", *Nature*, vol. 337, Feb. 2, 1990, p 405, 6 refs. (FF Sep. 1990)
  13. Peter Aldous, "Making Buckyballs Go Ballistic," *Science*, vol. 257, 11 Sep. 1992, page 1481. (FF Oct. 1992)
  14. R. Aleksan, M. Avenier, G. Bagieu, J. Bouchez, J. F. Cavaignac, J. Collot, M. C. Cousinou, Y. Declais, and Y. Dufour (Dept. Phys. Part. Elem., CEN-Saclay, F-91191 Gif-sur-Yvette, Fr.), "Limits on Electrochemically Induced Fusion of Deuterium by Neutron Flux Measurements," *Physics Letter B*, 1990, vol. 234, no. 3, pp 389-94. (FF July 1992)
  - a. Alessandrello, E. Bellotti, C. Cattadori (Gran Sasso), C. Antonione (U. of Torino), G. Bianchi, S. Rondinini, S. Torchio, E. Fiorini, A. Giuliani, S. Ragazzi, L. Zanotti (U. of Milano) and C. Gatti (Centro C.N.R. per lo Studio delle Relazione tra Strutture e

- Reattivata Chimica, Milano), "Search for Cold Fusion Induced by Electrolysis in Palladium," *Il Nuovo Cimento*, vol. 103A, 1990, pp 1617-38. (FF April 1991)
15. Alessio, M. Corradi, F. Croce, F. Ferrarotto, S. Improta, N. Iucci, V. Milone, B. Stella, G. Villoresi (INFN Roma and Dipart. di Fisica e Chimica, Universita "La Sapienza", Rome, Italy) and F. Celani, A. Spallone (INFN Frascati, Roma, Italy) and S. Fortunati, M. Tului (CSM, Roma, Italy), "The FERMI Apparatus and Measurement of Tritium Production in an Electrolytic Experiment," presented at the Third International Conference on Cold Fusion, Nagoya, Japan, (FF Dec. 1992)
  16. M.S. Ali and M.M. Hasan (Dept. of Physics, Bhagalpur University, India), "A New Interaction Potential and Alkali Hydride Molecules," *Indian Journal of Physics*, vol. 63B, no. 4, pp 486-90, 1989, 8 refs. (FF Aug. 1990)
  17. I. Amato, "Cold Fusion Keeps its Head Just Above Water," *Science News*, vol. 136, October 28, 1989, p 278.
  18. I. Amato, "Cold Fusion: Wanted Dead and Alive," *Science News*, vol. 137, 7 April 1990, p 212.
  19. I. Amato, "Cold Fusion Saga: Trials and Tribulations," *Science News*, June 16, 1990, vol. 137, no. 24, p 374. (FF July 1990)
  20. Ivan Amato (Staff writer), "Cluster Fusion: Close But No Cigar," *Science*, vol. 256, no. 5054, April 10, 1992, p 178. (FF May 1992)
  21. Xuwu An, Haike Yan, Buxing Han, Dajun Guo, Deyin Xie, Qihe Zhu, Riheng Hu (Inst. Chem., Acad. Sin., Beijing), "Calorimetric Investigation of Electrochemically Induced Nuclear Fusion of Deuterium," *Thermochim. Acta*, 1991, no. 183, pp 107-15. (FF Jan. 1992)
  22. James Anchell, Maciej Gutrowski, Jeff Nichols, Jack Simons, "Self-consistent-field Potential-energy Surfaces of the DD Pair in the Presence of Small Palladium Clusters," *Investigation of Cold Fusion Phenomena in Deuterated Metals, Final Report, Volume III*, 1991, pp 127-64, 16 figs, 35 refs. (FF Aug. 1991)
  23. George Andermann (U. of Hawaii), "Theoretical Model for Low Temperature Nuclear Events," *Proceedings of the Cold Fusion Symposium, World Hydrogen Energy Conference #8, Honolulu, Hawaii, July 22-27, 1990*. (FF Aug. 1990)
  24. G. Andermann, (U. of Hawaii), "A Theoretical Model (Nu-Q) for Rationalizing Electrochemically Induced Nuclear Events Observed in Deuterium Loaded Pd Cathodes," *Proceedings of The First Annual Conference on Cold Fusion, March 28-31, 1990, University of Utah Research Park, Salt Lake City, Utah*. (FF Apr. 1990)
  25. George Andermann (Dept. of Chem., U. of Hawaii), "Theoretical Aspects of the Spectroscopic Consequences of the Electron Capture Model in Cold Fusion," presented at *Second Annual Conference on Cold Fusion, June 29-July 4, 1991, Como, Italy*. (FF July 1991)
  26. D.M. Anderson and J.O'M. Bockris, "Cold Fusion at Texas A&M," *Science*, vol. 249, 3 August 1990, pp 463-5.

27. G. Christopher Anderson, "Clandestine NSF Panel Warms to Cold Fusion," *The Scientist*, Nov. 13, 1989, p 1 ff. [Article reports on the NSF-EPRI Workshop.] (FF Dec. 1989)
28. Larry L. Anderson and Wisanu Tuntawaroon, "Ultrasonic Energy Effects on Palladium Electrodes in Cold Fusion Cells," *Investigation of Cold Fusion Phenomena in Deuterated Metals, Final Report, Volume I*, 1991, pp 310-23, 6 figs, 3 refs. (FF Aug. 1991)
29. R.E. Anderson, C.A. Goulding, M.W. Johnson, S. Gottesfeld, D.A. Baker, T.E. Springer, F.H. Garzon, R.D. Bolton, E.M. Leonard, and T. Chancellor (Los Alamos National Laboratory), "Neutron Measurements in Search of Cold Fusion," *Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems*, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
30. Edmund L. Andrews, "Cold War Secrecy Still Shrouds Inventions," *New York Times*, Saturday May 23, 1992 p Y-17. (FF June 1992)
31. Samim Anghaie (U. Fla), Piotr Froelich (Uppsala U., Sweden), Hendrik J. Monkhorst (U. Fla.), "On Fusion/Fission Chain Reactions in the Fleischmann-Pons 'Cold Fusion' Experiment," *Fusion Technology*, vol. 17, no. 3, May 1990, pp 500-6, 11 refs. (FF May 1990)
32. A.V. Antonov, B.A. Benetskii, V.B. Ginodman, L.N. Zherikhina, A.V. Klyachko, E.S. Konobeevskii, M.V. Mordovskoi, V.I. Popov, A.I. Rozantsev, and A.M. Tskhovrebov (Inst. Yad. Issled., USSR), "Attempts to Observe Cold Nuclear Fusion During Electrolysis of Heavy Water," *Kratk. Soobshch. Fiz.*, no. 5, pp 38-40, 1990, in Russian. (FF Oct. 1991)
33. A.J. Appleby, S. Srinivasan, Y.J. Kim, O.J. Murphy, and C.R. Martin, "Evidence for Excess Heat Generation Rates During Electrolysis of D(2)O in LiOD Using a Palladium Cathode - a Microcalorimetric Study," presented at Workshop on Cold Fusion Phenomena, Santa Fe, NM, May 23-25, 1989. (FF Sep. 1989)
34. Y. Arata, Y.C. Zhang (Welding Res. Inst., Osaka U.), "Achievement of Intense 'Cold' Fusion Reaction," *Proc. Japan Acad. Ser. B*, 1990, vol. 66, no. 1, pp 1-6. (FF May 1990)
35. Y. Arata and Y. Zhang, "Corroborating Evidence for 'Cold Fusion Reaction,'" *Proceedings of the Japan Academy*, vol. 66, June 1990, pp 110-5.
36. Y. Arata and Y.C. Zhang (Osaka U.), "'Cold' Fusion Caused by a Weak 'On-Off Effect'," *Proc. Japan Academy, Series B*, vol. 66, no. 2, pp 33-6. (FF June 1990)
37. Yoshiaka Arata (Kinki U.) and Yue-Chang Zhang (Osaka U.), "Achievement of an Intense Cold Fusion Reaction," *Fusion Technology*, vol. 18, no. 1, Aug. 1990, pp 95-102, 8 refs. (FF Sep. 1990)
38. Yoshiaki Arata and Yeu-Chang Zhang (Osaka U.), "Reproducible 'Cold' Fusion Reaction Using a Complex Cathode," *Fusion Technology*, vol. 22, no. 2, Sep. 1992, pp 287-95, 13 figs, 9 refs. (FF Sep. 1992)

39. Yoshiaki Arata and Yue-Chang Zhang (Osaka University, Osaka, Japan), "Reproducible 'Cold' Fusion Reaction Using a Complex Cathode," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
40. Nestor R. Arista, A. Gras-Marti, R.A. Baragiola (U. of Alacant), "Screening Effects in Nuclear Fusion of Hydrogen Isotopes in Dense Media," *Phys. Rev. A: Gen. Physics*, vol. 40, no. 12, pp 6873-8, 1989. (FF Mar. 1990)
41. R.D. Armstrong, "Some Aspects of Thermal Energy Generation During the Electrolysis of D(2) O Using a Palladium Cathode," *Electrochimica Acta*, vol. 34, Sep. 1989, pp 1319-26.
42. R.D. Armstrong, E.A. Charles, I. Fells, L. Molyneux, and M. Todd (U. of Newcastle-upon-Tyne), "A Long-term Calorimetric Study of the Electrolysis of D(2)O Using Palladium Cube Cathodes," *J. Electroanalytical Chem.*, vol. 272, 1989, pp 293-7. (FF Jan. 1990)
43. H.J. Arnikaar (Dept. Chem., U. Poona, Pune), "Cold Fusion - A Misnomer," *Indian Journal of Chem. Sci.* 1990, no 4, p 65. (FF Feb. 1992)
44. S. Arunachalam (Ed. Indian Journal of Technology), "Cold Fusion - Hot on the Trail," *Economic Times*, New Delhi, May 23, 1990. (FF June 1990)
45. S. Arunachalam, (Editor Indian Journal of Technology), "Chronicling Cold Fusion Developments," *Journal of Scientific and Industrial Research*, vol. 50, Jan. 1991. (FF Oct. 1991)
46. Mark Ya. Azbel (Tel Aviv U.), "Possibility of Cold Fusion," *Solid State Comm.*, vol. 76, 1990, pp 127-9. (FF Feb. 1991)
47. H. Aspden (The University-Southampton), "The Supergraviton and its Technological Connection," *Speculations in Science and Technology*, vol. 12, no. 3, pp 179-86, 12 refs. (FF Feb. 1990)
48. H. Aspden, "The No-neutron Deuteron," *Fusion Facts*, Mar. 1990, pp 1-6, 6 refs.
49. H. Aspden *Physics Without Einstein*, Sabberton, P.O. Box 35, Southampton, England, c1969, pp 128-9 on "The Deuteron Reaction" in Chapter 7 on "Nuclear Theory." (FF March 1990)
50. H. Aspden, *Physics Unified*, Sabberton, P.O. Box 35, Southampton, England, c1980, pp 122-8 on "The Deuteron" in Chapter 7 on "Particles of Matter." (FF March 1990)
51. H. Aspden, "The Theoretical Nature of the Neutron and the Deuteron," *Hadronic Journal*, vol. 9, pp 129-36, 1986. (FF March 1990)
52. Harold Aspden (Department of Electrical Engineering, The University-Southampton, England), "Heat Engines Powered by Cold Fusion," *Fusion Facts*, February 1991, pp 15-7.
53. Harold Aspden (Dept. of EE, The University-Southampton), "Cold Fusion: Theoretical Aspects and the Patent Implications," abstract provided for Second Annual Conference on Cold Fusion, June 29-July 4, 1991, Como, Italy. (FF July 1991)

54. Harold Aspden, "Observations on Cold Fusion," *Fusion Facts*, October 1992, pp 3-6.
55. I.I. Astakhov, A.D. Davydov, V.E. Kazarinov, I.G. Kiseleva, L.B. Kriksunov, D. Yu. Kudryavtsev, G.L. Teplitskaya, V.M. Tsionskii (A.N. Frumkin Inst. of Electrochem., Acad. of Sci. U.S.S.R.), N.V. Katargin, I.A. Lebedev, B.F. Myasoedov, O.P. Shcheglov (V.I. Vernadskii Inst. of Geochem. and Analytical Chem., Acad. of Sci. U.S.S.R.), "An Attempt to Detect Neutron and Gamma Radiations in Heavy Water Electrolysis with a Palladium Cathode," *Electrochimica Acta*, vol. 36, no. 7, pp 1127-8, 4 refs. (FF Nov. 1991)
56. J. Augustynski et al., "Electrochemical Measurements on Palladium Cathodes in LiOD/D(2)O Solutions Related to the Cold Fusion Experiments," *Chimia*, vol. 43, 1989, pp 355-7.
57. Jan Augustynski, "Commentaire: Pourquoi les Experiences de Fusion Froide de Deuterium Sont-elles si Difficiles a Reproduire?," *Chimia* vol. 43, April 1989, 99-100.
58. M. R. Ault (Aerojet Div., Gen-Corp., Iuka, MS 38852-8998 USA), "Cold Fusion: the Story Behind the Headlines," *Radiat. Prot. Manage.* 1991, vol. 8, no. 3, 49-57. (FF April 1992)
59. K.S. Chandra Babu, N.P. Lalla, R.N. Pandey, R.S. Tiwari, and O.N. Srivastava (Baumas Hindu University, Varanasi, India), "On the Formation of Palladium Deuteride and its Relationship to Suspected Cold Fusion," *Proceedings of the Cold Fusion Symposium, World Hydrogen Energy Conference #8, Honolulu, Hawaii, July 22-27, 1990.* (FF Aug. 1990)
60. J.V. Badding, R.J. Hemley, H.K. Mao (Geophysical Lab. and Center for High Pressure Research, Carnegie Inst.), "High-pressure Chemistry of Hydrogen in Metals: In Situ Study of Iron Hydride," *Science*, vol. 253, pp 421-4, 4 fig, 33 refs. (FF Aug. 1991)
61. Y.K. Bae, D.D. Lorents, S.E. Young (Mol. Phys. Lab., SRI), "Experimental Confirmation of Cluster-impact Fusion," *Phys. Rev. A*, 1991, vol. 44, no. 7, pp R4091-4. AIP Conference Proceedings, vol. 250, 1992, pp 310-20. (FF Dec. 1991) (FF April 1992) (FF July 1992)
62. M. Baldo (Istituto Nazionale di Fisica Nucleare, Sezione di Catania Corso Italia, Italy), R. Pucci (Dipartimento di Fisica e G.N.S.M., Unita di Catania, Italy), P.F. Bortignon (Istituto di Ingegneria Nucleare, Politecnico di Milano Via Ponzio, Italy and Istituto Nazionale di Fisica Nucleare, Sezione di Milano, Italy), "Relaxation Toward Equilibrium in Plasmon-enhanced Fusion," *Fusion Technology*, vol. 18, no. 2, Sep. 1990, pp 347-50, 13 refs. (FF Sep. 1990)
63. Marcello Baldo (INFN, Catania, Italy), "Enhancement of Fusion Rate Induced by the Collective Electron Excitations," *The Science of Cold Fusion, Proceedings of the II Annual Conference on Cold Fusion, Como, Italy, June 29-July 4, 1991*, pp 187-92, 10 refs, 3 figs. (FF April 1992) (FF July 1991)
64. J. Balej and J. Divisek, "Energy Balance of D(2)O Electrolysis with a Palladium Cathode," Parts I and II, *Journal of Electroanalytical Chemistry*, vol. 278, 1989, pp 85-117.

65. B. Balke et al., "Limits on Neutron Emission from "Cold Fusion" in Metal Hydrides," *Physical Review C*, vol. 42, July 1990, pp 30-7.
66. G. Bambakidis (Wright State U., Dayton) and N.G. Alexandropoulos (Brooklyn Polytechnic U.), "Plasmon Spectra of Crystalline TiCu and Amorphous TiCuH(1.41)," *Journal of the Less-common Metals*, vol. 162, 1990, pp L31-3, 9 refs. (FF Oct. 1990)
67. T. Banks, A. Dabholkar, M.R. Douglas, and M. O'Loughlin (Rutgers U., Piscataway), "Are Horned Particles the End Point of Hawking Evaporation?," *Phys. Rev. D*, vol. 45, no. 10, May 15, 1992, pp 3607-16, 2 figs, 11 refs. (FF June 1992)
68. James C. Bapis (U. of Utah Review Writer), "Pons, Fleischmann Hope Fusion Furor will Give Way to Solid New Research," *Fusion Facts*, June 1990, pp 1-5. [Reprinted from U. of Utah Review.]
69. J.J. Barton, L.J. Terminello (T.J. Watson Research Center, IBM, New York), "3D Images of Surface Structure from Photoelectron Holography," *Springer Ser. Surf. Science*, 24 (Struct. Surf. 3), 1991, pp 49-54, 7 refs. (FF April 1992)
70. A.O. Barut, "Prediction of New Tightly-bound States of  $H(2)^+$  ( $D(2)^+$ ) and 'Cold Fusion' Experiments," *Int. J. Hydrogen Energy*, vol. 15, no. 12, 1990, pp 907-9. (FF May 1991)
71. Yu. A. Bashkirov, R. Kh. Baranova, B.G. Bazanin and M.V. Kazakova, "Neutron Emission in Electrolysis of Heavy Water," *Pis'ma Zh. Tekh. Fiz.*, vol. 16, no. 19, 1990, pp 51-5, in Russian. (FF April 1991)
72. Robert W. Bass (Registered Patent Agent), "On Empirical System ID, Possible External Electromagnetic/Electronuclear Stimulation/Actuation and Automatic Feedback Control of Cold Fusion," *Proceedings of The First Annual Conference on Cold Fusion*, March 28-31, 1990, University of Utah Research Park, Salt Lake City, Utah. (FF Apr. 1990)
73. Robert W. Bass, "New Solutions of Maxwell's Equation," *Fusion Facts*, August 1992, pp 20-1.
74. Bauer, R. Morelli, and M. Paolini, "Tritium Evidence for Cold Fusion in F-P Experiments," *Fusion Facts*, March 1992.
75. E.W. Becker (Germany), "Triple Collision Reaction of Deuterons as a Possible Explanation of Cold Nuclear Fusion," *Naturwissenschaften* vol. 76, 1989, p 214. (FF Feb. 1991)
76. D.H. Beddingfield, F.E. Cecil, C.S. Galovich, H. Liu (Colorado School of Mines, USA), Sally Asher (Solar Energy Research Institute, USA), "Characterization of Charged Particle Bursts from Deuterium Loaded Thin Titanium Foils," *The Science of Cold Fusion*, *Proceedings of the II Annual Conference on Cold Fusion*, Como, Italy, June 29-July 4, 1991, pp 99-103, 2 refs, 3 figs, 2 tables. (FF April 1992) (FF July 1991)
77. M. Bellini, L. Casetti and M. Rosa-Clot (INFN, Italy), "Nuclear Fusion in Excited Hydrogen Molecules," *Z. Phys. A: At. Nucl.*, vol. 337, no. 2, 1990, pp 207-10. (FF Jan. 1991)

78. Igor L. Beltyukov, Nikolay B. Bondarenko, Arsen A. Janelidze, Mikhail Yu. Gapanov, Konstantin G. Griбанov, Stanislav V. Kondratov, Aleksey G. Maltsev, Peter I. Novikov, Sergey A. Tsvetkov, and Vyacheslav I. Zakharov (Scientific Cooperation SORUS, USSR), "Laser-induced Cold Nuclear Fusion in Ti-H(2)-D(2)-T(2) Compositions," *Fusion Technology*, vol. 20, no. 2, pp 234-38, 18 refs. (FF Sep. 1991)
- a. Belzner, U. Bischler, S. Crouch-Baker, R.M Gur, E. Lucier, M. Schreiber, and R.A. Huggins (Stanford U.), untitled invited paper presented by Huggins at the Workshop on Cold Fusion Phenomena, Santa Fe, NM, May 23-25, 1989. (FF Nov. 1989)
79. Andreas Belzner, Ulrike Bischler, Steven Crouch-Baker, Turgut M. Gur, George Lucier, Martha Schreiber, Robert A. Huggins (Dept. Mat. Sci. Eng., Stanford U., USA), "Two Fast Mixed-conductor Systems: Deuterium and Hydrogen in Palladium -- Thermal Measurements and Experimental Considerations," *J. Fusion Energy*, vol. 9, no. 2, pp 219-27, 1990. (FF Oct. 1991)
80. P. Bem, I. Paseka, I. Pecina, V. Presperin, O. Spalek, M. Vomacka, and J. Vondrak (Inst. of Nucl. Physics and Inst. of Inorganic Chem., Czechoslovak Acad. of Sci., Prague, Czechoslovakia), "Search for Neutrons from DT-Cold Nuclear Fusion," *Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems*, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
81. G. Benedik and P.F. Bortignon, "Cold Nuclear Fusion: Viewpoints of Solid-state Physics," *Il Nuovo Cimento*, vol. 110, August 1989, pp 1227-35.
82. C.J. Benesh and J.P. Vary, "Fusion Rates of Squeezed and Screened Hydrogen Nuclei," *Phys. Rev. C*, vol. 40, 1989, pp R495-96. (FF Feb. 1991)
83. C.J. Benesh, J.R. Spence and J.P. Vary (Physics Department, Iowa St. U.), "Cluster Impact Fusion by the Formation of Compact Electron Deuteron Resonances," abstract from *Bulletin of the American Physical Society*, Ser. II, vol. 35, No 8, p 1673. (FF Oct. 1991)
84. S.M. Bennington, "A Search for the Emission of X-rays from Electrolytically Charged Palladium-deuterium," *Electrochimica Acta*, vol. 34, Sep. 1989, 1323-6.
85. H.E. Bergeson, S.C. Barrowes, K.D. Crawford, Xuan-Ming Du, Lori Knight, Yong-Wing Li, Fariboz Lotfi, G.M. Sandquist, Shu-Xing Wang, Joseph West, "Nuclear Measurements on Deuterium-loaded Palladium and Titanium," *Investigation of Cold Fusion Phenomena in Deuterated Metals*, Final Report, Volume I, 1991, pp 324-87, 4 figs, 8 tables, 7 refs. (FF Aug. 1991)
86. Arne Bergstrom (Research Inst. of National Defense, Stockholm), "Electromagnetic Theory of Strong Interaction," *Physical Review D*, 15 Dec. 1973, vol. 8, no. 12, 29 refs. (FF Sep. 1992)
87. M. Berrondo (Brigham Young U.), "Molecular Dynamics of Deuterium in Palladium Lattice," *Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems*, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)

88. L. Bertalot, L. Bettanali, F. De Marco, V. Violante (ENEA, Dipartimento Fusione, Centro Ricerche Energia Frascati, Rome, Italy), P. DeLogu, T. Di Kominos Makris, A. La Barbera (ENEA, Dipartimento Inn-PCM Rome, Italy), "Analysis of Tritium and Heat Excess in Electrochemical Cells with Pd Cathodes," *The Science of Cold Fusion, Proceedings of the II Annual Conference on Cold Fusion, Como, Italy, June 29-July 4, 1991*, pp 3-7, 4 refs, 3 figs, 1 table. (FF April 1992) (FF July 1991)
89. L. Bertalot, F. DeMarco, A. De Ninno, A. La Barbera, F. Scaramuzzi, V. Violante, P. Zeppa (ENEA, Frascati, Italy), "Study of the Deuterium Charging in Palladium by the Electrolysis of Heavy Water: Search for Heat Excess and Nuclear Ashes," presented at the Third International Conference on Cold Fusion, Nagoya, Japan. (FF Dec. 1992)
90. Antonio Bertin (U. of Bologna, Italy), "A Novel Apparatus to Search for Electrolytically Induced CF - Neutral Products in the Gran Sasso Lab.," *Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems, Brigham Young University, October 22-24, 1990*. (FF Nov. 1990)
- a. Bertin, M. Bruschi, D. Vulgarelli, V.M. Bystritsky, M. Capponi, I. D'Atone, S. De Castro, D. Galli, U. Marconi, I. Massa, C. Moroni, M. Piccinini, M. Poli, N. Semprini-Cesari, M. Villa, A. Vitale, G. Zavattini and A. Zoccoli (Dipartimento di Fisica, Universita di Bologna, and Istituto Nazionale di Fisica Nucleare, Sezione di Bologna, Italy), "Search for Neutron Emission Following Electroinfusion of Deuterons into Titanium Samples in the Gran Sasso Laboratory," presented at Second Annual Conference on Cold Fusion, June 29-July 4, 1991, Como, Italy. (FF July 1991)
91. C.A. Bertulani, L.F. Canto (Natl. Supercond. Cyclotron Lab., Michigan State U.), "Semiclassical Calculation of Coulomb Break-up of Weakly Bound Nuclei," *Nucl. Phys A*, vol. A539, no. 1, 1992, pp 163-76. (FF June 1992)
92. R.J. Beuhler, G. Friedlander, and L. Friedman (Brookhaven National Laboratory), "Cluster-impact Fusion," *Phys. Rev. Letters*, Sep. 18, 1989, vol. 63, pp 1292-5. (FF Dec. 1989)
93. R.J. Beuhler, Y.Y. Chu, G. Friedlander, and W. Kunmann (Brookhaven National Lab.), "Deuteron/Deuteron Fusion by Impact of Heavy Water Clusters on Deuterated Surfaces," *J. Phys. Chem.*, vol. 94, 1990, pp 7665-71. (FF Dec. 1990)
94. R.J. Beuhler, Y.Y. Chu, G. Friedlander, L. Friedman (Chem. Dept., Brookhaven Natl. Lab., Upton, NY), "Experimental Demonstration Of Deuterium-deuterium Fusion by Cluster Ion Impact," *AIP Conf. Proc.*, 1992, 250 (*Towards Unified Pict. Nucl. Dyn.*), pp 283-93, 6 refs. (FF July 1992)
95. R.J. Beuler, G. Friedlander, L. Friedman (Chem. Dept., Brookhaven Natl. Lab., Upton), "Cluster-impact Fusion [Erratum]," *Phys. Rev. Letters*, vol. 68, no. 13, 1992, p 2108. (FF Sep. 1992)
96. S.R. Bharadwaj, A.S. Kerkar, S.N. Tripathi, and S.R. Dharwadkar (Applied Chem. Div., BARC), "The Palladium-Platinum Phase Diagram," *J. of Less-Common Metals*, vol. 169, 1991, pp 167-72, 14 refs. (FF June 1991)



97. J.K. Bhattacharjee, L. Satpathy, and Y.R. Waghmare (Indian Inst. of Tech., Kanpur), "A Possible Mechanism of Cold Fusion," *Pramana - J. Physics*, vol. 32, no. 6, June 1989, pp L841-4, 1 ref. (FF Feb. 1990)
98. Jon Binner, Paul Hogg and John Sweeney (editors), *Advanced Materials Source Book*, Elsevier Advanced Technology, Mayfield House, Oxford, England, c1990, 367 pages. (FF Aug. 1990)
99. Ozgen Birgul (Dept. of Physics), Serdar Celebi, Ahmet Ozdural (Dept. of Chemical Engineering), Kadir Pekmez, Attila Yildiz and Yuda Yurum (Dept. of Chemistry, all of Hacettepe University, Beytepe Campus, Ankara, Turkey), "Electrochemically Induced Fusion of Deuterium Using Surface Modified Palladium Electrodes," *Tr. J. of Engineering and Enviro. Sciences*, vol. 14, 1990, pp 373-80. (FF Sep. 1991) (FF May 1991)
- a. Biris, R.V. Bucur, P. Ghete, E. Indrea and D. Lupu (Institute of Stable Isotopes, Romania), "Solubility of Deuterium in LaNi(5)," *Journal of the Less-Common Metals*, vol. 49, 1976, pp 477-82, 7 refs. (FF Sep. 1990)
100. Jerry E. Bishop, "Cold Comfort on Cold Fusion Front," *The Wall Street Journal*, Monday, October 23, 1989, p B1. (FF Oct. 1989)
101. Jerry E. Bishop, "'Cold Fusion' Research Dispels Some Doubts," *WSJ*, p B1, March 2, 1990. (FF Mar. 1990)
102. Jerry Bishop, "'Cold Fusion' Chemists Reiterate Claim; other Scientists Report Similar Results," *Wall Street Journal*, p B4, March 30, 1990. (FF May 1990)
103. Jerry Bishop, "'Cold Fusion' Gets Cold Shoulder from Many a Year After Findings," *WSJ*, p B4, April 3, 1990. (FF May 1990)
104. Jerry Bishop, "'Cold Fusion' May Keep Earth's Core Molten," *WSJ*, April 17, 1990, p B1. (FF May 1990)
105. Jerry Bishop (Staff Reporter), "Future of Hot Fusion is Boiling Down to the Behavior of a Few Helium Atoms," *Wall Street Journal*, August 31, 1990, page B1. (FF Sep. 1990)
106. Jerry Bishop, "Scientist Says 'Cold Fusion' Tests May Have Had Some Impure Rods," *Wall Street Journal*, June 7, 1990. (FF June 1992)
107. Jerry Bishop (Staff Reporter), "Cold Fusion Verdict May Be Delivered Soon," *Wall Street Journal*, February 7, 1991, p B1. (FF Feb. 1991)
108. Jerry E. Bishop, "Utah Funds for Cold Fusion Run Low Just as Concept Gets Boost from Navy," *Wall Street Journal*, April 8, 1991, p B4. (FF Apr. 1991)
109. Jerry E. Bishop and Jacob M. Schlesinger (Staff Reporters), "U.S. Researcher Claims to Replicate Japanese Experiments in 'Cold Fusion'," *Wall Street Journal*, July 27, 1992, p B3. (FF Aug. 1992)
110. Jerry Bishop, "Predictable Heat Source Reported from 'Heavy' Water Electrolysis," *Wall Street Journal*, Sep. 28, 1992, p B12. (FF Oct. 1992)

111. M. Bittner, A Meister, D. Ohms, E. Paffrath, D. Rahner, R. Schwierz, D. Seeliger, K. Wiesener and P. Wustner (Dresden U. of Tech.), "Method for Investigation of Fusion Reactions in Condensed Matter," *Fusion Technology*, vol. 18, no. 1, August 1990, pp 120-30, 13 refs. (FF Sep. 1990)
112. M. Bittner, A. Meister, D. Ohms, E. Paffrath, D. Rahner, R. Schwierz, D. Seeliger, K. Wiesener and P. Wustner (Tech. U. of Dresden, Germany), "Evidence for the Production of D-D Fusion Neutrons During Electrolytic Infusion of Deuterons into a Palladium Cylinder," *Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems*, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
113. Michael Bittner, G. Ludwig, Andreas Meister, J. Muller, Detlef Ohms, Elief Paffrath, Dietmar Rahner, Rainer Schwierz, Dieter Seeliger, P. Stiehl, Klaus Wiesener, and Peter Wustner (Dresden U.), "Evidence for the Production of D-D Fusion Neutrons During Electrolytic Infusion of Deuterons into a Palladium Cylinder," *Fusion Technology*, vol. 19, no. 4, July 1991, pp 2119-24, 8 figs, 8 refs. (FF Nov. 1991)
114. M. Bittner, A. Meister, D. Ohms, E. Paffrath, D. Rahner, R. Schwierz, D. Seeliger, K. Wiesener, P. Wuestner, P. (Physics Dept., Dresden U. of Technology, Germany), "Emission of D-D Fusion Neutrons from a Massive Palladium Cylinder During Electrolytic Infusion of Deuterons into the Metal," *Isotopenpraxis* 1991, vol. 27, no. 6, pp 274-80. (FF Feb. 1992)
115. Michael Bittner, Andreas Meister, Detlef Ohms, Elief Paffrath, Dietmar Rahner, Rainer Schwierz, Dieter Seeliger, Klaus Wiesener, and Peter Wustner (Technixche U., Dresden), "Indication for the Temporary Production of Deuteron-deuteron Fusion Neutrons During Electrolytic Infusion of Deuterons into a Massive Palladium Slab," *Fusion Technology*, vol. 20, no. 3, Nov. 1991, pp 334-48, 16 figs, 14 refs. (FF Nov. 1991)
116. M. Bittner, A. Meister, D. Seeliger, R. Schwierz and P. Wustner, "Observation of D-D Fusion Neutrons During Degassing of Deuterium Loaded Palladium," *The Science of Cold Fusion, Proceedings of the II Annual Conference on Cold Fusion, Como, Italy, June 29-July 4, 1991*, pp 181-5, 6 refs, 2 figs. (FF April 1992)
117. N. Blalbanov (Plovdivski U.), "Hypothesis Explaining the Electrochemically Induced Nuclear Fusion," *Nauchni Tr. -Plovdivski U.*, vol. 26, no. 4-Fiz., pp 247-51, 1989, in Bulgarian. Reported in *Chemical Abstracts*, October 7, 1991. (FF Nov. 1991)
118. John O'M. Bockris et al., "Production of Tritium from D(2)O Electrolysis at a Palladium Cathode," *Journal of Electroanalytical Chemistry*, vol. 270, 1989, pp 451-8.
119. J. O'M. Bockris et al., "A Review of the Investigations of the Fleischmann-Pons Phenomena," *Fusion Technology*, vol. 18, August 1990, pp 11-31.
120. John O'M. Bockris, G.H. Lin and N.J.C. Packham (Texas A&M), "Nuclear Electrochemistry Among the Hydrogen Isotopes," *Proceedings of The First Annual Conference on Cold Fusion, March 28-31, 1990, University of Utah Research Park, Salt Lake City, Utah*. (FF Apr. 1990)

121. J. O'M. Bockris (Chem. Dept., Texas A&M), "Summary of Chinese Work on Cold Fusion," *Fusion Facts*, Sep. 1990, p 32. [Table of 15 successful team results summarized from a conference in which about 100 papers were presented in China.]
122. J.O'M. Bockris and D. Hodko (Sfc. Electrochem. Lab., Texas A&M), "Is There Evidence for Fusion under Solid State Confinement?," 27 pages, 5 figs, 76 refs. (FF Sep. 1990)
123. J.O'M Bockris, letter to the editor, *Fusion Technology*, vol. 18, no. 3, Nov. 1990, p 523. (FF Dec. 1990)
124. John Bockris (Texas A&M), "Cold fusion II: the Story Continues," *New Scientist*, 19 January 1991, pp 50-3. (FF Feb. 1991)
125. John Bockris and Dalibor Hodko (U. of Texas), "Is There Evidence for Cold Fusion?," *Chemistry & Industry*, November 5, 1990, pp 688-92. (FF March 1991)
126. J.O'M. Bockris, Z. Minevski, and D. Hodko (Texas A&M U.), "The Mechanism of D(2) Evolution on Pd and its Relevance to Cold Fusion," presented at Second Annual Conference on Cold Fusion, June 29-July 4, 1991, Como, Italy. (FF Aug. 1991) (FF July 1991)
127. John O'M. Bockris (Prof. of Chem.), "How Physicists and Chemists Differ," *21st Century Science & Technology*, vol. 4, no. 4, Winter 1991, pp 65-66. (FF Jan. 1992)
128. John O'M. Bockris, D. Hodko, and Z. Minevski (Texas A&M U.), "The Mechanism of Deuterium Evolution on Palladium: Relation to Heat Bursts Provoked by Fluxing Deuterium Across the Interface," *The Science of Cold Fusion, Proceedings of the II Annual Conference on Cold Fusion, Como, Italy, June 29-July 4, 1991*, pp 337-362, 8 refs, 7 figs. (FF April 1992)
129. John O'M. Bockris, D. Hodko, Z. Minevski (Dept. of Chem., Texas A&M), "Fugacity of Hydrogen Isotopes in Metals: Degradation, Cracking and Cold Fusion," *Proc. of Electrochem. Soc.*, 1992, pp 92-5 (Proc. Symp. Hydrogen Storage Materials, Batteries, Electrochemistry, 1991), pp 258-268. (FF June 1992)
130. J. O'M. Bockris, C. Chein and Z. Minevski (Texas A&M U.), "Tritium and Helium Production in Palladium Electrodes and the Fugacity of Deuterium Therin," presented at the Third International Conference of Cold Fusion, October 21-23, 1992, Nagoya, Japan. (FF Nov. 1992)
131. R.F. Boehm, Mark Case, Ti-Tung Chen, Xing Li, Barry Lloyd, "High Pressure Liquid Cell Development," *Investigation of Cold Fusion Phenomena in Deuterated Metals, Final Report, Volume II*, 1991, pp 251-278, 20 figs. (FF Aug. 1991)
132. J. Bokor, "Ultrafast Dynamics at Semiconductor and Metal Surfaces," *Science*, vol. 246, 1 December 1989, pp 1130-1134. (FF Jan. 1990)
133. Andrew T. Boothroyd, "Physics," 1991 *Britannica Book of the Year*, p 278. (FF March 1991)

134. L. Borbely and P. Doleschall (KFKI Res. Inst., Budapest), "Nucleon Exchange Effects at Low Bombarding Energies for Deuteron-neutron Scattering," *Phys. Letters B*, 1992, vol. 283, nos. 1-2, pp 10-21. (FF Oct. 1992)
135. Stu Borman (Staff Writer), "New Technique Models Dynamics of Hydrogen Exchange Reaction," *Chem. and Engr'g News*, vol. 70, no. 31, Aug. 3, 1992, pp 25-26. (FF Aug. 1992)
136. H. Bose, L.H. Prabhu, S. Sankarnarayanan, R.S. Shetiya, N. Veeraraghavan, P.V. Joshi, T.S. Murthy, B.K. Sen, and K.G.B. Sharma, "Verification Studies in Electrochemically Induced Fusion of Deuterons in Palladium Cathodes," *BARC Studies in Cold Fusion* (April-Sep. 1989), 10 pages. (FF Feb. 1990)
137. E. Botta, T. Bressani, D. Calvo, A. Feliciello, P. Gianotti, C. Lamberti, M. Agnello, F. Iazzi, B. Minetti, and A. Zecchina (U. di Torino, Italy), "Measurement of 2.5 NeV Neutron Emission from Ti/D and Pd/D Systems," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
138. F. Botter, J. Bouchez, J. Collot, E. Kajfasz, B. Lefievre, E. Lesquoy, A. Stutz, S. Tistchenko, S. Zylberajch (Dep. Etudes Lasers Phys. Chim., CEN-Saclay, Gif-sur-Yvette, France), "Search for Emission of Neutrons from a Palladium-deuterium System," *Phys. Letters B*, 1989, vol. 232, no. 4, pp 536-538, 6 refs. [A negative report.] (FF Mar. 1990)
139. Alain Boudard, Michel Garcon, Stephane Platchkov (France), "What Shape has the Deuteron?," *Recherche*, vol. 22, no. 235, 1991, pp 1094-1097, 6 refs. (FF April 1992)
140. M. Bouhki, A Brunson, and P. Guilmin (U. of Nancy I), "X-ray Diffraction Study of Amorphization Along Interfaces in Polycrystalline Ni/Ti Multilayers," *Solid State Communications*, vol. 83, no. 1, pp 5-9, July 1992, 5 figs., 20 refs. (FF Aug. 1992)
141. Luis J. Boya (Fac. Cienc., U. Zaragoza, Spain), "Possible Mechanisms for Cold Fusion in Deuterated Palladium," *An. Fis., Ser. B*, 1990, vol. 86, no. 2, pp 221-3. (FF Jan. 1992)
142. L. Bracci, G. Fiorentini, G. Mezzorani (Dip. Fis., INFN, Italy), "A Dynamical Calculation of the Electron Shielding for Deuteron-deuteron Fusion," *Phys. Letters A*, vol. 146, no. 3, 1990, pp 128-133. (FF Sep. 1990)
143. L. Bracci et al., "Nuclear Fusion in Molecular Systems," *J. Phys. G*, vol. 16, 1990, pp 83-98. (FF Feb. 1991)
144. T. Braun (Editor-in-Chief *J. Radioanalytical & Nuc. Chem.*), "World Flash on Cold Fusion No. 10," *J. Radioanalytical Chem.*, vol. 154, no. 1, 1991, pp 1-4, 33 refs. (FF June 1991)
145. T. Braun (Ed. *J. Radioanalytical Nucl. Chem.*), "World Flash on Cold Fusion No. 11. A Selective, Annotated Bibliography," *J. Radioanalytical Nucl. Chem.*, vol. 19, no. 4, pp 237-239, 1991. (FF Oct. 1991)
146. T. Braun (Eostvos U., Budapest, Hungary), "World Flash on Cold Fusion No. 12," *J. Radioanalytical Nucl. Chem.*, 1991, vol. 155, no. 3, pp 141-3. (FF Feb. 1992)

147. T. Braun (Inst. of Inorganic & Analytical Chemistry, L. Eostvos U.), "World Flash on Cold Fusion No. 13 (Final one in the Series), A Selective, Annotated Bibliography," J. Radioanalytical Nucl. Chem., Letters, (to be published), 30 papers reviewed. (FF April 1992)
148. T. Bressani (U. of Torino, Italy), seminar presented at the National Cold Fusion Institute, Salt Lake City, UT, November 1990. (FF Jan. 1991)
149. T. Bressani (INFN, Torino, Italy), E. Del Giudice and G. Preparata (INFN, Milano, Italy), "First Steps Toward an Understanding of 'Cold' Nuclear Fusion," *Il Nuovo Cimento A* 101, 1989, pp 845-849. (FF Feb. 1991)
150. T. Bressani, D. Calvo, F. Iazzi, C. Lamberti and B. Minetti (INFI Sez di Torino, Italy) R. Cherubini, A.M.I Haque and R.A. Ricci (Laboratori Nazionali di Legnaro, Italy), "Observation of 2.5 MeV Neutrons Emitted from a Ti-D System," presented at Second Annual Conference on Cold Fusion, June 29-July 4, 1991, Como, Italy. (FF July 1991)
151. T. Bressani, D. Calvo, A. Feliciello, C. Lamberti, F. Iazzi, B. Minetti, R. Cherubini, A.M.I. Haque, R.A. Ricci (U. di Torino), "Observation of 2.5 MeV Neutrons Emitted from a Titanium-deuterium System," *Il Nuovo Cimento Soc. Ital. Fis. A*, 1991, vol. 104A, no. 9, pp 1413-16. (FF Dec. 1991)
152. T. Bressani, D. Calvo, F. Iazzi, C. Lamberti and B. Minetti (INFI Sez di Torino, Italy), R. Cherubini, A.M.I. Haque and R.A. Ricci (Laboratori Nazionali di Legnaro, Italy), "A Study of the Neutron Emission from Ti Loaded with D in Gas Phase by Means of a Time-of-flight Spectrometer," *The Science of Cold Fusion, Proceedings of the II Annual Conference on Cold Fusion, Como, Italy, June 29-July 4, 1991*, pp 105-111, 9 refs, 7 figs. (FF April 1992)
153. T. Bressani (U. of Torino, E. Del Giudice, INFN, Milano) and G. Preparata (U. of Milano), "What Makes a Crystal Stiff Enough for the Mossbauer Effect?," *Il Nuovo Cimento, Note Brevi*, vol. 14D, no. 3, March 1992, pp 345-349, 13 refs. (FF March 1991) (FF Aug. 1992)
154. J.J. Briand (Laboratoire Physique Atomique et Nucleaire, France), "Is there any Deuterium in Dr. Jones' Titanium Foils?," *Proceedings of the Cold Fusion Symposium, World Hydrogen Energy Conference #8, Honolulu, Hawaii, July 22-27, 1990*. (FF Aug. 1990)
155. J.P. Briand, G. Ban, M. Froment, M. Keddani, F. Abel (Inst. Radium, U. Pierre et Marie Curie, France), "Cold Fusion Rates in Titanium Foils," *Phys. Letters A*, vol. 145, no. 4, 1990, pp 187-91. (FF Sep. 1990)
156. E. Brillas, J. Esteve, G. Sardin, J. Casado, X. Domenech, J.A. Sanchez-Cabeza (University of Barcelona, Spain), "Product Analysis from Heavy Water Electrolysis with Palladium and Titanium Cathodes," *Electrochim. Acta*, vol.37, no. 2, 1992, pp 215-219. (FF April 1992)
157. J. Brillas, G. Sardin (Universitat de Barcelona), J. Casado, X. Domenech, and J.A. Sanchez-Cabeza (Universitat Autonoma de Barcelona), "Product Analysis from D(2)O Electrolysis with Palladium and Titanium Cathodes," *The Science of Cold Fusion*,

- Proceedings of the II Annual Conference on Cold Fusion, Como, Italy, June 29-July 4, 1991, pp 9-13, 4 refs. (FF April 1992) (FF July 1991)
158. Joel Brind, (Baruch College, City U. of New York), Letter, Science News, March 17, 1990, p 163. [Suggests lithium-6 + deuterium reaction to explain C.F.] (FF May 1990)
  159. Peter Britten (The Riess Foundation), "Preliminary Data from the Hamilton Shear Zone Project," Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems Conference, Brigham Young University, October 22-24, 1990. (FF Dec. 1990)
  160. Britz (Kem. Inst., Aarhus University, Aarhus, Denmark), "Parameter Correlations in Cold Fusion Measurements," Journal Radioanalytical Nuclear Chemistry, vol. 155, no. 6, 1991, pp 377-382. (FF April 1992)
  161. W.J. Broad, "Cold Fusion Still Escapes Usual Checks of Science," New York Times, 30 October 1990, pp B5 and B9.
  162. William J. Broad, "U.S. Plans to Hire Russian Scientists in Fusion Research," New York Times, March 6, 1992, pp A1-A4. (FF March 1992)
  163. William J. Broad (Staff Writer), "Quest for Fusion Power is Going International," New York Times, July 28, 1992, page B8. (FF Aug. 1992)
  164. M.M Broer et al. (AT&T Lab., N.J.), "Search for Neutrons from Deuterium-deuterium Nuclear Reactions in Electrochemically Charged Palladium," Physical Review C, vol. 40, Oct. 1989, pp R1559-62.
  165. N. Bronfman, J. Bloch, M.H. Mintz, D. Sarussi and I. Jacob (Ben-Gurion U. of the Negev except Bloch with Nuclear Res. Centre, Negev), "Kinetics of Hydrogen Absorption in the Intermetallic Zr(Al(0.2)Fe(0.8))(2)," Jnl. of Alloys and Compounds, vol. 177, 1991, pp 183-91, 1 table, 6 figs, 10 refs. (FF Feb. 1992)
  166. T. Brown, "A Selective, Annotated Bibliography No. 7," Journal of Radioanalytical & Nuclear Chemistry, Letters, vol. 145, 1990, pp 385-388.
  167. V. B. Brudanin, V. M. Bystritsky, V. G. Egorov, S. G. Shamsutdinov, A. L. Shyshkin, V. A. Stolupin and I. A. Yutlandov (Laboratory of Nuclear Problems, Joint Institute for Nuclear Research, Moscow, USSR), "Does Cold Nuclear Fusion Exist?," Physics Letters A, vol. 146, no. 6, June 1990, 5 refs. (FF July 1990)
  168. V.B. Brudanin, V.M. Bystritsky, V.G. Egorov, S.G. Shamsutdinov, A.L. Shyshkin, V.A. Stolupin and I.A. Yutlandov (Joint Institute for Nuclear Research, Laboratory of Nuclear Problems, Moscow, USSR), "Once More About Cold Fusion," Physics Letter A, vol. 146, no. 6, June 1990, pp 351-356, 8 refs. (FF July 1990)
  169. V.B. Brudanin, V.M. Bystritsky, V.G. Egorov, S.G. Stetsenko and I.A. Yutlandov (Jt. Inst. for Nuclear Res., Moscow), "Search for the Cold Fusion D(d,<sup>4</sup>He) in Electrolysis of D(2)O," Physics Letters A, vol. 151, no. 9, pp 543-546, 10 refs. (FF Feb. 1991)
  170. R.V. Bucur (Inst. of Chem., U. of Uppsala, Sweden), "Interaction of Hydrogen with the Microstructure of Pd and Pd(77)Ag(23)," presented at Second Annual Conference on Cold Fusion, June 29-July 4, 1991, Como, Italy. (FF July 1991)

171. K.J. Bunch and R.W. Grow (U. of U., National Cold Fusion Institute), "Electric Field Distribution of the Palladium Crystal Lattice," Proceedings of The First Annual Conference on Cold Fusion, March 28-31, 1990, University of Utah Research Park, Salt Lake City, Utah. (FF Apr. 1990)
172. K.J. Bunch and R.W. Grow, "Diatomic Hydrogen in a Potential Well," Investigation of Cold Fusion Phenomena in Deuterated Metals, Final Report, Volume III, pp 14-36, 1991, 1 fig, 10 refs. (FF Aug. 1991)
173. K.J. Bunch and R.W. Grow (U. of Utah and NCFI), "Self-consistent Field Calculations on Diatomic Hydrogen in a Potential Well," Fusion Technology, July 1991, vol. 19, no. 4, pp 2131-2134, 1 figs, 8 refs. (FF Nov. 1991)
174. K.H. Buschow, H.H. Van Mal and A.R. Miedema (Philips Research Laboratories, Eindhoven, The Netherlands), "Hydrogen Absorption in Intermetallic Compounds of Thorium," Journal of the Less-Common Metals, vol. 42, 1975, pp 163-178, 22 refs. (FF Sep. 1990)
175. B.F. Bush, J.J. Lagowski (Dept. of Chemistry, U. of Texas), M.H. Miles and G.S. Ostrom (Chemistry Division, Research Dept., Naval Weapons Center, CA), "Helium Production During the Electrolysis of D(2)O in Cold Fusion Experiments," J. Electroanalytical Chem., vol. 34, 1991, pp 271-278. (FF March 1991) (FF May 1991) (FF Sep. 1991)
176. Robert T. Bush, "An Approximate Theoretical Branching Ratio for the D-on-D Tritium Reaction," Fusion Facts, Sep. 1990, p 31.
177. Robert T. Bush (Cal Poly, Pomona, CA), "Production of Tritium, Neutrons, and Heat Based Upon the Transmission Resonance Model (TRM) for Cold Fusion," Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
178. Robert T. Bush (California State Polytechnic University, Pomona, CA), "A Transmission Resonance Model for Cold Fusion," presented at ASME Winter Meeting held in San Francisco, California, Dec. 12, 1989. (FF Dec. 1989)
179. Robert T. Bush (Cal Poly, Pomona, CA), "Isotopic Mass Shifts in Cathodically-driven Palladium via Neutron Transfer Suggested by a Transmission Resonance Model to Explicate Enhanced Fusion Phenomena (Hot and Cold) within a Deuterated Matrix," Proceedings of The First Annual Conference on Cold Fusion, March 28-31, 1990, University of Utah Research Park, Salt Lake City, Utah. (FF Apr. 1990)
180. Robert T. Bush, Letter, "Palladium/Deuterium Ratio - Theory," Fusion Facts, Feb. 1991, pp 24-25, 1 fig.
181. Robert T. Bush, "The TRM Vacancy Fraction," Fusion Facts, March 1991, p 13.
182. Robert T. Bush, Robert Eagleton, interview, "A Cold Fusion Model that Matches Experimental Data," 21st Century Science and Technology, vol. 3, no. 3, Summer 1990, pp 21 and 62. (FF Jan. 1991)
183. Robert T. Bush (Cal Poly, Pomona, CA), "Cold 'Fusion': the Transmission Resonance Model Fits Data on Excess Heat, Predicts Optimal Trigger Points, and Suggests Nuclear

- Reaction Scenarios," *Fusion Technology*, vol. 19, March 1991, pp 313-356. (FF Oct. 1990) (FF March 1991)
184. Robert T. Bush (Cal Poly, Pomona, CA), "The Transmission Resonance Model (TRM) for Cold Fusion Updated: Explication of Neutron Emission," poster presentation at Second Annual Conference on Cold Fusion, June 29-July 4, 1991, Como, Italy. (FF July 1991)
  185. Robert T. Bush and Robert D. Eagleton (Physics Dept., California State Polytechnic U., Pomona, CA), "A Calorimetric Study of the Excess Heat Effect in Thin Films of Palladium," presented at Second Annual Conference on Cold Fusion, June 29-July 4, 1991, Como, Italy. (FF July 1991)
  186. Robert T. Bush and Robert D. Eagleton (Physics Dept., California State Polytechnic U., Pomona, CA), "Neutron Emission from Electrolytic Cells: Correlation with Current Density," presented at Second Annual Conference on Cold Fusion, June 29-July 4, 1991, Como, Italy. (FF July 1991)
  187. Robert T. Bush (Physics Dept., California State Polytechnic U., Pomona, CA), "Anomalous Charging Times for Electrolytic Cold Fusion and the Transmission Resonance Model (TRM)," *Fusion Facts*, Sep. 1991, pp 20-1, 1 fig.
  188. Robert T. Bush, "Cold Fusion with Light Water," *Fusion Facts*, December 1991, pp 1-2.
  189. Robert T. Bush, "A Hypothetical 'Chemical-nuclear Chain Reaction' Based Upon the Transmission Resonance Model," *Fusion Facts*, January 1992, pp 19-22, 2 figs.
  190. Robert T. Bush (Dept. of Physics, California State Polytechnic University, Pomona, CA), "The Development of Cold Fusion as a Test Case for Thomas Kuhn's Hypotheses in The Structure of Scientific Revolutions," *Fusion Facts*, July 1992, pp 17-19, 5 refs.
  191. Robert T. Bush (California State Polytechnic U., Pomona, CA), "A Light Water Excess Heat Reaction Suggests that 'Cold Fusion' May be 'Alkali-hydrogen Fusion'," *Fusion Technology*, vol. 22, no. 2, Sep. 1992, pp 301-322, 2 figs, 61 refs. (FF Sep. 1992)
  192. Robert T. Bush and Robert D. Eagleton, "Calorimetric Studies of an Electrolytic Excess Heat Effect Employing Light-water-based Electrolytes of some Alkali Salts," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Nov. 1992)
  193. Dr. Robert T. Bush (Cal Poly, Pomona, CA), "Were Amonalies Associated with the Excess Heat Effect Observed in the 1950's?: the Transmission Resonance Model (TRM) Answers Affirmatively," *Fusion Facts*, December 1992, pp 1-3, 4 figs, 5 refs.
  194. V.S. Bushuev, V.B. Ginodman, L.N. Zherikhine, S.P. Kuznetsov, Yu.A. Lapushkin, I.P. Matvienko, A.I. Nikitenko, A.D. Perekrestenko, N.P. Saposhnikov, et al. (USSR), "Some Results on Recording Nuclear Radiation During Electrolysis of Heavy Water," *Kratk. Soobshch. Fiz.*, no. 5, pp 41-44, 1990, in Russian. (FF Oct. 1991)
  195. Robert W. Bussard, "Virtual-state Internal Nuclear Fusion in Metal Lattices," *Fusion Technology*, Sep., 1989.



196. M. Butler et al., "High-sensitivity Search for Neutrons During Electrochemical Reactions," *Fusion Technology*, vol. 16, November 1989, pp 388-390.
197. Gene Bylinsky, "Cold Fusion Heats up Again," *Fortune Magazine*, vol. 124, no. 1, July 1, 1991, p. 18. (FF Nov. 1991)
198. Jong Hong Byun (Kaist, S. Korea), "Cold Nuclear Fusion," *Hwahak Kwa Kongop Ui Chinbo*, 1990, 13 refs, in Korean. (FF Nov. 1991)
199. R. B. Campbell and L. J. Perkins, "A Study of 'Cold Fusion' in Deuterated Titanium Subjected to High-current Densities," *Fusion Technology*, vol. 16, November 1989, pp 383-387.
200. F. Cannizzaro, G. Greco, M. Raneli, M.C. Spitale, and E. Tomarchio (Universita di Palermo, Dipartimento di Ingegneria Nucleare, Palermo), "Search for Neutrons as Evidence of Cold Fusion," *Fusion Technology*, vol. 21, no. 1, pp 86-91, 10 figs, 9 refs. (FF Jan. 1992)
201. V. Capek, "Tunneling Efficiency and the Problem of Cold Fusion," *Czech J. Phys. B*, vol. 39, 1989, pp 793-795. (FF Feb. 1991)
202. Robert L. Carroll, "Cavitation and Boundary Layer Acoustics," published by the Carroll Research Institute, P.O. Box 3425, Columbia, SC 28230, 15 manuscript pages, 3 refs. (FF Oct. 1991)
203. L.C. Case (Eltron, Inc.), "The Reality of 'Cold Fusion'," *Fusion Technology*, vol. 20, no. 4, Dec. 1991, pp 478-480, 7 refs. (FF Dec. 1991)
204. F.E. Cecil, H. Liu, D. Beddingfield (Colorado School of Mines) and C. Galovich (U. of N. Colorado), "Observation of Charged Particle Bursts from Deuterium Loaded Ti Thin Foils," *Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems*, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
205. F.E. Cecil (Colorado School of Mines) and G.M. Hale (Los Alamos Nat'l Lab.), "Measurement of D-D and D-<sup>6</sup>Li Nuclear Reactions at very Low Energies," *The Science of Cold Fusion, Proceedings of the II Annual Conference on Cold Fusion*, Como, Italy, June 29-July 4, 1991, pp 271-275, 11 refs, 4 figs. (FF April 1992)
206. F.E. Cecil, D. Ferg, H. Liu, J.C. Scorby, J.A. McNeil, P.D. Kunz, (Dept. Physics, Colorado Sch. Mines), "Radiative Capture of Protons by Light Nuclei at Low Energies," *Nuclear Physics A*, vol. A539, no. 1, 1992, pp 75-96. (FF June 1992)
207. K. Cedzynska, S.C. Barrowes, H.E. Bergeson, L.C. Knight and F.G. Will (National Cold Fusion Institute), "Tritium Analysis in Palladium with an Open System Analytical Procedure," *Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems*, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
208. K. Cedzynska and F.G. Will (NCFI), "Analysis of Tritium in Palladium before and after Deuterium Loading," presented at Second Annual Conference on Cold Fusion, June 29-July 4, 1991, Como, Italy. (FF July 1991)

209. Krystyna Cedzyska, S.C. Barrowes, H.E. Bergeson, L.C. Knight, and F. G. Will (NCFI, U. of U.), "Tritium Analysis in Palladium with an Open System Analytical Procedure," *Fusion Technology*, vol. 20, no. 1, pp 108-112, (FF Aug. 1991)
210. K. Cedzyska, S.C. Barrowes, H.E. Bergeson, L.C. Knight and F.G. Will, "Tritium Analysis in Palladium With an Open System Analytical Procedure," *Investigation of Cold Fusion Phenomena in Deuterated Metals, Final Report, Volume I, 1991*, pp 65-93, 4 figs, 6 refs. (FF Aug. 1991)
211. Krystyna Cedzyska and Fritz G. Will (U. of U., NCFI), "Closed-system Analysis of Tritium in Palladium," *Fusion Technology*, vol. 22, August 1992, pp 156-159. (FF Aug. 1992)
212. Francesco Celani (Istituto Nazionale di Fisica Nucleare, Laboratori Nazionali di Frascati, Italy), "Measurements in the Gran Sasso Laboratory," *Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems*, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
213. Francesco Celani and Antonio Spallone (Istituto Nazionale di Fisica Nucleare, Italy), Sandro Pace and Basilio Polichetti (U. of Salerno, Italy), Aniello Saggese and Lorella Liberatori (Consorzio Interuniversitario Nazionale di Fisica della Materia, U. of Salerno, Italy), Vittorio Di Stefano and Paolo Marini (ILVA-Centro Sculuppo Materiali, Italy), "Further Measurements on Electrolytic Cold Fusion with D(2)O and Palladium at Gran Sasso Laboratory," *Fusion Technology*, vol. 17, no. 4, July 1990, pp 718-724, 4 refs. (FF July 1990)
214. F. Celani, A. Spallone, L. Liberatori (INFN, Lab. Naz. Frascati, Roma Italy), F. Croce, L. Storelli (U. di Roma, Italy), S. Fortunati, M. Tului (CSM ILVA-IRI, Italy), N. Sparvieri (ALENIA-IRI, Italy), "Search for Neutron Emission from Deuterided High Temperature Superconductors in a very Low Background Environment," presented at Second Annual Conference on Cold Fusion, June 29-July 4, 1991, Como, Italy. (FF July 1991) (FF April 1992)
215. Francesco Celani, Antonio Spallone, and Lorella Liberatori (INFN-Lab., Frascati), Fausto Croce and Lucio Storelli (U. La Sapienza, Rome), Stefano Fortunati and Mario Tului (Alenia Corp., Rome), "Search for Enhancement of Neutron Emission from Neutron-irradiated, Deuterided, High-temperature Superconductors in a very Low Background Environment," *Fusion Technology*, vol. 22, no. 1, Aug. 1992, pp 181-186, 4 figs, 16 refs. (FF Aug. 1992)
216. Francesco Celani, Antonio Spallone, Paolo Tripodi, Anna Nuvoli (INFN Lab. Naz. Frascati, Rome, Italy), "Measurements of Excess Heat and Tritium During Self-biased Pulsed Electrolysis of Pd-D(2)O," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
217. G.F. Cerofolini (Functional Materials Laboratory, San Donato, Italy) and A. Foglio Para (Istituto di Ingegneria Nucleare, Milano, Italy), "(D<sup>++</sup>D<sup>+</sup>)2e<sup>-</sup> Binuclear Atoms as Activated Precursors in Cold and Warm Fusion," *Proceedings of Anomalous Nuclear*

- Effects in Deuterium/Solid Systems, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
218. G.F. Cerofolini, R. Dierckx, A. Foglio Para and G. Ottaviani, "Binuclear Atoms as Fusion Precursors in a Hot Cloud," The Science of Cold Fusion, Proceedings of the II Annual Conference on Cold Fusion, Como, Italy, June 29-July 4, 1991, pp 193-197, 19 refs. (FF April 1992)
  219. G.F. Cerofolini, G. Ottaviani, R. Tonini (Ist. Guido Donegani, San Donato), "Search for Nuclear Reactions Produced by the Impact of Heavy Molecular Ions onto Lithium Deuteride," Il Nuovo Cimento, Soc. Ital. Fis. A, 1992, vol. 105A, pp 741-750. (FF Sep. 1992)
  220. G.F. Cerofolini, F. Corni, G. Ottaviani and R. Tonini (U. of Modena), "Search for Nuclear Reactions Produced by the Impact of Heavy Molecular Ions onto LiD," Il Nuovo Cimento, vol. 105A, May 1992, no. 5, pp 741-750, 12 refs, 3 figs, 2 tabs. (FF Oct. 1992)
  221. George Chambers, Graham Hubler and Ken Grabowski (Naval Research Laboratory), "Search for Energetic Charged Particle Reaction Products During Deuterium Charging of Metal Lattices," Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems, Brigham Young University, October 22-24, 1990. (FF Nov. 1990) (FF Nov. 1991)
  222. George Chambers, Graham Hubler and Ken Grabowski, (Naval Research Lab.), "An Investigation of Cold Fusion in Thin Titanium Films," Proceedings of The First Annual Conference on Cold Fusion, March 28-31, 1990, University of Utah Research Park, Salt Lake City, Utah. (FF Apr. 1990)
  223. G. P. Chambers, J. M. Eridon, and K. S. Grabowski (Surface Modification Branch, Naval Research Laboratory, Wash. D. C. 20375-5000), "Upper Limit on Cold Fusion in Thin Palladium Films," Physics Review B: Condensed Matter, vol. 41, no. 8, 1990, pp 5388-91. (FF July 1990)
  224. J. Chao, W. Layman, C. Kang, T.M. Gur, M. Schreiber, R. Huggins, G. Lucier, J. Ferrante (EPRI), "Three Dimensional Computer Simulation of an Isoperibolic Calorimeter for Cold Fusion Experiments," Proceedings of The First Annual Conference on Cold Fusion, March 28-31, 1990, University of Utah Research Park, Salt Lake City, Utah. (FF Apr. 1990)
  225. I.M. Chapnik (U. of London), "Possibility of Induced Beta Radioactivity in PdD," J. Radioanalytical Chem. Letters, vol. 146, no. 4, 1990, pp 273-282. (FF May 1991)
  226. I.M. Chapnik (Dept. of Physics, U. of London), "Possibility of Electrochemically Induced Transmutation in PdD," Physics Letters A, vol. 161, no. 2, 23 Dec. 1991, pp 111-113, 2 tabs, 2 figs, 8 refs. (FF Feb. 1992) (FF April 1992)
  227. Lali Chatterjee (Jadavpur U., Calcutta, India), "Could Spectator Electrons Legalize Cold Fusion?," Fusion Technology, vol. 18, no. 4, December 1990, pp 683-5. (FF Jan. 1991)

228. Lali Chatterjee and Goutam Das (Jadavpur U.), "Sub-barrier Nuclear Fusion of Amuonic and Muonic Flavor," *Phys. Letters A*, vol. 154, nos. 1-2, 25 March 1991, pp 5-8. (FF May 1991) (FF Oct. 1991)
229. Lali Chatterjee (Jadavpur U., Calcutta), "On a Weak Flavor for Cold Fusion," *Fusion Technology*, vol. 20 no. 3, Nov. 1991, pp 358-360, 1 figs, 7 refs. (FF Nov. 1991)
230. Lali Chatterjee (Jadavpur U., Calcutta), "The Two Faces of the Coulomb Barrier," *Fusion Technology*, vol. 20, no. 3, Nov. 1991, pp 349-353, 2 figs, 4 refs. (FF Nov. 1991)
231. Lali Chatterjee, Amal Chakraborty, and Goutam Das (Physics Dept., Jadavpur U., Calcutta), "Non-radioactive Exit Channels in Low Energy D-D Fusion," *Indian Journal of Pure and Applied Physics*, vol. 29, Dec. 1991, pp 781-786, 3 figs, 19 refs. (FF July, 1992)
232. Graham T. Cheek (U.S. Naval Academy) and William E. O'Grady (Naval Research Laboratory), "Measurement of Hydrogen Uptake by Palladium Using a Quartz Crystal Microbalance," *J. Electroanalytical Chem.*, vol. 277, 1990, pp 341-346, 15 refs. (FF Mar. 1990)
233. Graham T. Cheek (U.S. Naval Academy), "Quartz Crystal Microbalance Study of Palladium/Hydrogen Interactions," *Proceedings of The First Annual Conference on Cold Fusion*, March 28-31, 1990, University of Utah Research Park, Salt Lake City, Utah. (FF Apr. 1990)
234. Chin-Ching Chein, Dalibor Hodko, Zoran Minevski and John O'M. Bockris (Chemistry Dept., Texas A&M University, USA), "On an Electrode Producing Massive Quantities of Tritium and Helium," *J. Electroanalytical Chem.*, vol. 338, 1992, pp 189-212. (FF Dec. 1992)
235. M. Chemla et al., "Effets Thermiques Associes a la Decharge Electrochimique de l'Hydrogene et du Deuterium sur Palladium," *Comptes Rendus de L'Academie des Sciences*, vol. 309, Series II, no. 10, 28 Sep. 1989, pp 987-93.
236. M. Chemla, J. Chevalet, R. Bury and M. Perie (Laboratoire d'Electrochimie, Universite Pierre et Marie Curie, Paris, France), "Experimental Investigation of Thermal and Radiation Effects Induced by Deuterium Discharge at the Palladium Electrode," *Journal of Electroanalytical Chemistry*, vol. 277, 1990, pp 93-103.
237. Suhe Chen, Dalun Wang, Daxiao Fan, Wenjian Chen, Yijun Li and Yibei Fu (Southwest Inst. of Nuclear Physics and Chemistry, P.R. China), "The Observation of Anomalous Phenomenon in Palladium-deuterium System," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
238. Yi-Chen Cheng, W-Y P. Hwang and Shin Nan Yang (National Taiwan U.), "Thoughts on Warm Fusion Versus Cold Fusion," *Proceedings of The First Annual Conference on Cold Fusion*, March 28-31, 1990, University of Utah Research Park, Salt Lake City, Utah. (FF Apr. 1990)
239. J. Chene and A. M. Brass, "Tritium Production During the Cathodic Discharge of Deuterium on Palladium," *Journal of Electroanalytical Chemistry*, vol. 280, 1990, pp 199-205.

240. R. Chidambaram and V.C. Sahni, "Materials Issues in the So-Called 'Cold Fusion' Experiments," BARC Studies in Cold Fusion (April-Sep. 1989), 2 pages, 6 refs. (FF Feb. 1990)
241. Chun-ching Chien, T. Chen Huang (Institute of Nuclear Energy Research, Lung Tan, Taiwan, ROC), "Tritium Production by Electrolysis of D(2)O," presented at Conference on Anomalous Nuclear Effects in Deuterium/Solid Systems, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
242. Chun-ching Chien (Institute of Nuclear Energy Research, Lung-Tan, Taiwan, ROC), "Controlled Tritium Production by Electrolysis of D(2)O," presented at Second Annual Conference on Cold Fusion, June 29-July 4, 1991, Como, Italy. (FF July 1991)
243. Choi, H. Ejiri and H. Ohsumi (Dept. Phys., Osaka Univesity, Japan), "Limit on Fast Neutrons from DD Fusion in Deuterized Pd by Means of Ge Detectors," presented at the Third International Conference on Cold Fusion, Ocotber 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
244. O.B. Christensen et al., "H-H Interactions in Pd," Phys. Rev. B, vol. 40, 1989, pp 1993-6. (FF Feb. 1991)
245. Shu-Yuan Chu and Benjamin C. Shen, (Physics Dept., U. of California, Riverside), "Can the Color Force Be Used to Achieve Fusion?," Mod. Phys. Letters A, vol. 6, no. 3, 1991, pp 237-244. (FF May 1991) (FF Oct. 1991)
246. S.R. Chubb and T.A. Chubb (Research Systems, Inc.), "Lattice Induced Nuclear Chemistry," Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
247. Scott R. Chubb and Talbot A. Chubb (Research Systems, Arlington, VA), "An Explanation of Cold Fusion and Cold Fusion By-products, Based on Lattice Induced Nuclear Chemistry," The Science of Cold Fusion, Proceedings of the II Annual Conference on Cold Fusion, Como, Italy, June 29-July 4, 1991, pp 199-204, 9 refs. (FF April 1992) (FF July 1991)
248. Talbot A. Chubb and Scott R. Chubb, "Helium as Cold Fusion Promoter," Fusion Facts, January 1991, pp 22-23.
249. Talbot A. Chubb and Scott R. Chubb (Naval Research Laboratory), "Quantum Mechanics of 'Cold' and 'Not-so-cold' Fusion," Proceedings of The First Annual Conference on Cold Fusion, March 28-31, 1990, University of Utah Research Park, Salt Lake City, Utah. (FF Apr. 1990)
250. T.A. Chubb (NRL) and S.R. Chubb (Bendix), "Nuclear Fusion in a Solid via a Bose Bloch Condensate," NRL Memorandum Report 6617, Naval Research Laboratory, Wash. D.C. 20375-5000, March 5, 1990. (FF Apr. 1990)
251. Talbot A. Chubb (Bendix Field Engineering Corporation, MD) and Scott R. Chubb (Naval Research Laboratory, Wash., D.C.), "Bloch-symmetric Fusion in PdD(x)," Fusion Technology, vol. 17, no. 4, July 1990, pp 710-712, 5 refs. (FF July 1990)

252. Dr. T.A. Chubb (Research Systems, Inc., Arlington, Virginia), "Band State Deuterium Fusion: Assessment of Observations," article, Fusion Facts, July, 1990, pp 10-12, 8 refs.
253. Scott R. Chubb and Talbot A. Chubb (Research Systems, Arlington, VA), " An Explanation of Cold Fusion and Cold Fusion By-products, Based on Lattice Induced Nuclear Chemistry," presented at Second Annual Conference on Cold Fusion, June 29-July 4, 1991, Como, Italy. (FF July 1991)
254. Scott R. Chubb and Talbot A. Chubb (Research Systems, Inc., Arlington, Virginia, USA), "Ion Band State Fusion," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
255. Talbot A. Chubb and Scott R. Chubb (Research Systems, Inc. Arlington, VA), "Cold Fusion as an Interaction between Ion Band States," Fusion Technology, vol. 20, no. 1, August 1991, 16 refs. (FF Aug. 1991)
256. Kiril Chukanov, "Ball Lightning as a New Source of Energy," unpublished manuscript translated from Bulgarian, 4 manuscript pages, 2 figures, 1 ref. (FF Oct. 1991)
257. Gary S. Chulick, R.A. Rice, Y.E. Kim (Purdue University), "The Effect of Electron Screening and Velocity Distribution on Proton-deuterium Fusion Rates in Physical Processes," Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
258. Gary S. Chulick, Yeong E. Kim and Robert A. Rice, (Purdue), "Low Energy D-D Fusion Experimental Cross-sections," Proceedings of The First Annual Conference on Cold Fusion, March 28-31, 1990, University of Utah Research Park, Salt Lake City, Utah. (FF Mar. 1990) (FF Apr. 1990)
259. U-In Chung, Yong-Gyoo Kim and Jai-Young Lee (Dept. Mat. Sci. and Eng., Korea Advanced Inst. of Sci. and Tech., S. Korea), "General Features of Hydrogen-induced Amorphization in RM(2) (R=rare earth, M=transition element) Laves Phases," Philosophical Magazine B, vol. 63, no. 5, 1991, pp 1119-1130, 7 figs, 24 refs. (FF Nov. 1991)
260. Arthur C. Clarke, CBE Colombo, Letter (after receiving Fusion Facts). (FF Feb. 1992)
261. W. Brian Clarke and Roland M. Clarke (McMaster U., Ontario), "Search for  $^3\text{H}$ ,  $^3\text{He}$ , and  $^4\text{He}$  in D(2)-loaded Titanium," Fusion Technology, vol. 21, no. 2, March 1992, pp 170-175, 18 refs, 3 figs, 2 tables. (FF March 1992)
262. T. N. Claytor, D.G. Tuggle, H.O. Menlove (Los Alamos National Lab.), "Solid State Fusion Update - Significant Recent Results." (FF Sep. 1990)
263. T. Claytor (Los Alamos National Laboratory), "Tritium Generation in Pd-Si Systems; Gas and Liquid Analysis Facilities for Detection of Tritium," Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
264. T.N. Claytor, P.A. Seeger, R.O. Rohwer, D.G. Tuggle and W.R. Doty (Los Alamos National Lab.), Technical Information Release LA-UR-89-3946, an unclassified report presented at the NSF/EPRI Workshop on Anomalous Effects in Deuterated Materials,

- October 18, 1989, Washington, D.C. [accepted for publication in Fusion Technology].  
(FF Aug, 1990)
265. T.N. Claytor, D.G. Tuggle and H.O. Menlove (Los Alamos Nat'l Lab.), "Tritium Generation and Neutron Measurements in Pd-Si under High Deuterium Gas Pressure," presented at the Second Annual Conference on Cold Fusion, June 29-July 4, 1991, Como, Italy. (FF July 1991)
  266. T.N. Claytor, D.G. Tuggle and H.O. Menlove, "Tritium Generation and Neutron Measurements in Pd-Si under High Deuterium Gas Pressure," The Science of Cold Fusion, Proceedings of the II Annual Conference on Cold Fusion, Como, Italy, June 29-July 4, 1991, pp 395-408, 16 refs, 8 figs, 1 table. (FF April 1992)
  267. T.N. Claytor, D.G. Tuggle and H.O. Menlove (Los Alamos Nat's Lab., Los Alamos, NM,), "Evolution of Tritium from Palladium in the Solid State Gas Cell," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Nov. 1992)
  268. Frank Close (Rutherford Appleton Laboratory), "Cold fusion I: the Discovery that Never Was," New Scientist, 19 January 1991, pp 46-50. (FF Feb. 1991)
  269. Paulo R.P. Coelho, R.N. Saxena, Spero P. Morato, I.D. Goldman, A.G. DePinho, and I.D. Nascimento (Inst. Nuc. Energy, Pinheiros, Brazil), "Search for Neutron Emission During the Electrolysis of Heavy Water," Publ. IPEN, 1990, vol. 297, 10 pp. (FF Oct. 1990)
  270. Andy Coghian, "Test-tube Fusion Lives on in Exile," New Scientist, Sep. 5, 1992, p 8.
  271. J.S. Cohen (Los Alamos Nat'l Lab.) and J. D. Davies (U. of Birmingham), "Is Cold Fusion Hot?," Nature, vol. 342, Nov. 30, 1989, pp 487-488. (FF Dec. 1989)
  272. James S. Cohen (Los Alamos National Lab.) and John D. Davies (U. of Birmingham, UK), "The Cold Fusion Family," Nature, vol. 338, 1989, pp 705-707. (FF Feb. 1991)
  273. Arthur Cohn and Mario Rabinowitz (EPRI), "Classical Tunneling," International Jrnl. of Theoretical Physics, vol. 29, no. 3, 1990, pp 215-223, 12 refs, 2 figs. (FF March 1992)
  274. B. Coluzzi, C. Costa, A. Biscarini and F.M. Mazzolai (Dept. of Physics, U. of Perugia), "Diffusivity of H and D in Palladium-platinum Alloys Via Gorsky Relaxation," J. Phys. Condens. Matter, vol. 4, 1992, pp 5155-5166, 2 tabs, 8 figs, 42 refs. (FF Aug. 1992)
  275. B.E. Conway and J. Wojtowicz (U. of Ottawa), "Time-scales of Electrochemical Desorption and Sorption of Hydrogen in Relation to Dimensions and Geometries of Host Metal Hydride Electrodes," J. Electroanalytical Chem., 1992, vol. 326, nos. 1-2, pp 277-97. (FF Oct. 1992)
  276. Norman D. Cook (Oxford University, England), "Computing Nuclear Properties in the FCC Model," Computers in Physics, Mar/Apr 1989, pp 73-77. (FF Dec. 1989)
  277. Norman D. Cook (Oxford) and Valerio Dallacasa (Parma U.), "Face-centered-cubic Solid-phase Theory of the Nucleus," Physical Review C, vol. 35, no. 5, pp 1883-1889. (FF Jan. 1990)

278. M. Corradi, F. Ferrarotto, M. Giannini, V. Milone, B. Stella, L. Storelli (INFN Roma and Dipart di Fisica e di Ingegneria Nucleare, Universita "La Sapienza", Roma, Italy), "Evidence for Stimulated Emissions of Neutrons from Deuterated Palladium," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
279. D. A. Corrigan and E. W. Schneider, "Tritium Separation Effects during Heavy Water Electrolysis: Implications for Reported Observations of Cold Fusion," *Journal of Electroanalytical Chemistry*, vol. 281, 26 March 1990, pp 305-312.
280. M.S. Costantino, J.F. Lakner (both of Livermore) and R. Bastasz (Sandia National Labs.), "Synthesis of Monolithic Uranium Hydride and Unranium Deuteride," *Journal of the Less-Common Metals*, vol. 159, 1990, pp 97-108, 14 refs. (FF May 1990)
281. W.N. Cottingham and D.A. Greenwood, "The Fusion Rate of a Confined Deuteron Pair," *Journal of Physics G: Nuclear and Particle Physics*, vol. 15, August 1989, pp L157-161. (FF Feb. 1991)
282. D.R. Coupland, M.L. Doyle, J.W. Jenkins, J.H.F. Notton, R.J. Potter and D.T. Thompson (Johnson Matthey Technology Center, Sonning Common, Reading, UK), "Some Observations Related to the Presence of Hydrogen and Deuterium in Palladium," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya Japan. (FF Nov. 1992)
- a. Ramirez Cuesta and G. Zgrablich (San Luis, Argentina), "Kinetics and Energetics of Adsorption for the CO/K/Ni(110) System," *Surface Science Letters*, 1 Sep. 1992, vol. 275, nos. 1-2, L636-9, 5 figs, 15 refs. (FF Sep. 1992)
283. D.R. Coupland, M.L. Doyle, J.W. Jenkins, J.H.F. Notton, R.J. Fotter, and D.T. Thompson, (Johnson Matthey Technology Center), "Some Observations Related to the Structure of Hydrogen and Deuterium in Palladium," *Proceedings of The First Annual Conference on Cold Fusion*, March 28-31, 1990, University of Utah Research Park, Salt Lake City, Utah. (FF Apr. 1990)
284. S.C. Cowley, R.M. Kulsrud (Plasma Physics Lab., Princeton U.), "Some Considerations of 'Cold Fusion' Including the Calculation of Fusion Rates in Molecules of Hydrogen Isotopes," Report 1989, PPPL-2657; (available from NTIS), 24 pp. (FF Oct. 1990)
285. Larry T. Cox, Jr. (Purdue U., School of Nuclear Engineering, Indiana), Franklin B. Mead, Jr. (Astronautics Lab. Future Tech. Section, Edwards AFB, CA), Chan K. Choi (Purdue U., School of Nuclear Engineering, Indiana), "Thermonuclear Reaction Listing with Cross-section Data for Four Advanced Reactions," *Fusion Technology*, vol. 18, no. 2, Sep. 1990, pp 325-39, 54 refs. (FF Sep. 1990)
286. John G. Cramer (Prof. of Physics, U. of Washington), "Natural Wormholes: Squeezing the Vacuum," *Analog Science Fiction and Fact*, vol. CXII, nos. 8-9, pp 182-187. (FF June 1992)
287. Dennis Cravens, Michael Dehn, Samuel P. Faile, and Hal Fox (Fusion Facts Staff and Correspondents), "Survey of Nuclear Byproducts," *Fusion Facts*, Oct. 1990, pp 14-26, 112 refs, also tabled under 16 countries with USSR group treated as 1 country.



288. Dennis Cravens (Vernon College, Texas), "Other Routes to Fusion," Fusion Facts, Dec. 1989, pp 10-11, 2 refs.
289. Dennis Cravens, "Tritium Dangers," Fusion Facts, Feb. 1990, pp 17-18, 3 refs.
290. Dennis Cravens, "Thermal Efficiency and Autoradiography," Fusion Facts, Feb. 1990, pp 18-19, 1 ref.
291. Dennis Cravens, "A Solid-state Fusion Review," Fusion Facts, Mar. 1990, pp 14-16. [Practical helps from a successful experimenter.]
292. Dennis Cravens, "Important Conference Concepts," Fusion Facts, Apr. 1990, pp 29-31. [Comments on the First Annual Conference on Cold Fusion.]
293. Dennis Cravens, "Cold Fusion Witnessing Agent," Fusion Facts, December 1990, pp 18-20, 7 refs.
294. Dennis Cravens and Hal Fox, "Nuclear Spin Curtails Neutron Production," Fusion Facts, Oct. 1989, pp 11-12, 1 ref.
295. Dennis Cravens, "Tritium Production from Spare Parts," Fusion Facts, May 1991, 12 refs, 1 fig.
296. Dennis Cravens, "Nuclear Spin Alignment in Cold Fusion," Fusion Facts, July 1990, pp 15-17, 3 refs.
297. Dennis Cravens, "Trading Views on What Works (Sometimes)," Fusion Facts, December 1991, pp 12-15.
298. Dennis Cravens, "Hot Spots on Electrodes," Fusion Facts, December 1991, pp 15-16.
299. Dennis Cravens, "Notes for Garage Researchers," Fusion Facts, April 1992, p 28.
300. Dennis Cravens, "SRI International Announces Findings in the Probe of Fatal Laboratory Explosion," Fusion Facts, July 1992, 5 refs.
301. Dennis Cravens, "What to Avoid," Fusion Facts, Nov. 1992, pp 24-26.
302. Oakley H. Crawford (Oak Ridge Nat'l Lab., Tennessee), "Examination of a Proposed Phonon-coupling Mechanism for Cold Fusion," Fusion Technology, vol. 21, no. 2, March 1992, pp 161-162, 4 refs. (FF March 1992)
303. Ernie Criddle (Principal Investigator for Cold Fusion, Centre Scientifique et Technologique en Electrochimie, U. of Ottawa), May 29, 1990, "Excess Heat Tapers off," Fusion Facts, June 1990, page 16, 1 ref.
304. Ernest E. Criddle (Electrochem. Science and Technology Center, University of Ottawa, Canada), "Implications of Isoperibolic Electrode Calorimetry for Cold Fusion in Heavy and Ordinary Water," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
305. Greg Cripps (Kernforschungszentrum Karlsruhe, Institute for Nuclear Physics and Reactor Technology), "Summary of the Fifth International Conference on Emerging Nuclear

- Energy Systems, Karlsruhe, Federal Republic of Germany, July 3-6, 1989," Fusion Technology, vol. 17, March 1990, pp 356-359. (FF Mar. 1990)
306. Lawrence A. Crum (U. of Miss.) and Seth Putterman (UCLA), "Sonoluminescence," APS NEWS, vol. 1, no. 3, March 1992, p 1. (FF March 1992)
307. W.Y. Crutchfield, N.J. Snyderman, and V.R. Brown (Lawrence Livermore Nat'l. Lab.), "Deuteron in the Skyrme Model," Phys. Rev. Letters, vol. 68, no. 11, Mar. 16, 1992, pp 1660-2, 2 figs, 22 refs. (FF April 1992)
308. V.J. Cunnane et al., "H(2)+O(2) Recombination in Non-isothermal, Non-adiabatic Electrochemical Calorimetry of Water Electrolysis in an Undivided Cell," Journal of Electroanalytical Chemistry, vol. 269, 1989, pp 163-174.
- a. Czerwinski (Warsaw U.), S. Zamponi and R. Marassi (U. di Camerino, It.), "The Influence of Carbon Monoxide on Hydrogen Absorption by Thin Films of Palladium," J. Electroanalytical Chem., vol. 304, 1990, pp 233-239, 25 refs. (FF June 1991) (FF July 1991)
309. Andrezej Czerwinski, Roberto Marassi, Silvia Zamponi (Warsaw University, Poland), "The Absorption of Hydrogen and Deuterium in Thin Palladium Electrodes. Part I. Acidic Solutions," Journal Electroanalytical Chemistry Interfacial Electrochem., vol. 316, nos. 1-2, 1991, pp 211-221. (FF April 1992)
310. Andrezej Czerwinski, Roberto Marassi (Dip. Sci. Chim., U. of Camerino), "The Absorption of Hydrogen and Deuterium in Thin Palladium Electrodes. Part II. Basic Solutions," Journal Electroanalytical Chemistry Interfacial Electrochem., vol. 322, nos. 1-2, 1991, pp 373-381. (FF June 1992)
311. J. Bart Czirr and Gary L. Jensen (Brigham Young U.), "High-efficiency Spectrometers and Detectors," Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
312. Ron Dagani, "Cold Fusion Takes a Licking, but Keeps on Ticking," Chem. & Engr. News, April 6, 1992, p 6. (FF May 1992)
313. Ron Dagani, "Cold Fusion: Utah Pressures Pons, Fleischmann," Chemical & Engineering News, January 14, 1991, pp 4-5.
314. Dalard (Domaine U., France), M. Ulmann, J. Augustynski and P. Selvam (U. de Geneve, Switzerland), "Electrochemical Incorporation of Lithium into Palladium from Aprotic Electrolytes," J. Electroanalytical Chem., vol. 270, 1989, pp 445-450. (FF Feb. 1991)
315. Dale D.A. Danforth, "Molecular Dissociation of Water," Tuning In (published by E.P.M. Power Systems, Ivanhoe, Victoria 3079, Australia), pp 18-19, 1 diagram. (FF June 1992)
316. M. Danos, "Coulomb-assisted Cold Fusion in Solids," Fusion Technology, vol. 17, May 1990, pp 484-489.
317. M. Danos (National Institute of Standards and Technology), "Neutrons from Chemical Reactions," reporting for A.V. Arzhannikov and G.Ya. Kezerashvili (INP, Novosibirsk,

- USSR), Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
318. M. Danos (National Institute of Standards and Technology) and V. Belyaev (USSR Academy of Sciences), "Theoretical Studies/ Theory of Neutron Transfer Fusion," Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
  319. Michael Danos (Nat'l Inst. of Standards & Tech., Gaithersburg, MD) and V.B. Belyaev (Joint Inst. for Nucl. Res., Dubna), "Estimate of the Neutron Transfer Fusion Rate," Fusion Technology, vol. 20, no. 3, Nov. 1991, pp 354-357, 2 figs, 6 refs. (FF Nov. 1991)
  320. Michael Danos (Nat'l Inst. of Standards and Tech.), "Coulomb-assisted Cold Fusion in Solids," Fusion Technology, May 1990, pp 484-490, 15 refs. (FF May 1990)
  321. R. Darling and S. Holloway (U. of Liverpool), "Translation-to-vibrational Excitation in the Dissociative Adsorption of D(2)," J. of Chem. Physics, vol. 97, no. 1, July 1, 1992, 2 figs, 12 refs. (FF Aug. 1992)
  322. B.A. Dasanacharya and K.R. Rao, "Remarks on Cold Fusion," BARC Studies in Cold Fusion (April-Sep. 1989), 2 pages, 7 refs. (FF Feb. 1990)
  323. C.H. Dasso (U. of Copenhagen) and R. Donangelo (U. Federal do Rio de Janeiro), "Fusion Enhancement Via the Soft Dipole Mode in Neutron-rich Nuclei," Physics Letters B, vol. 276, 1992, pp 1-2, 2 figs, 9 refs. (FF April 1992) (FF June 1991)
  324. R. Davidonis, G. Duskesas, R. Kalinauskas, K. Makariunas, J. Pertauskas, V. Remeikis, B. Ruzele (Inst. Phys., Vilnius, USSR), "Experimental Evaluation of Cold Fusion Probability," Liet. Fiz. Rinkiny, 1990, vol. 30, no. 6, pp 727-731, in Russian. (FF Dec. 1991)
  325. J.D. Davies, J.S. Cohen (Birmingham U.), "More on the Cold Fusion Family," Electromagn. Cascade Chem. Exot. At., 1990, no. 52, pp 269-75, 32 refs. (FF Nov. 1991)
  326. Harry DeBell (Aurora, CO), "Cold Fusion, Emerging Technology," TESLA 89, The International Tesla Society's Journal of Power and Resonance, vol. 5, no. 3, Jul./Aug./Sep. 1989, pp 5-7. (FF Dec. 1989)
  327. Michael Decker (Math. at Rheinischen Friedrich-Wilhelms-U., Bonn), "Neutron-deuteron Problem in the Hyperspherical Formalism," U. Bonn, Phys. Inst. Tech. Rept BONN-IR, BONN-IR-91-13, 92 pages, 1991, in German. (FF Oct. 1991)
  328. Michael Dehn (Assoc. Ed. Fusion Facts), "Secondary Neutrons," Fusion Facts, Sep. 1990, pp 27-28, 3 refs.
  329. Michael Dehn, "Neutron Exposures to Researchers," Fusion Facts, Sep. 1990, p 28. [Calculates protection needed.]
  330. Michael Dehn, "Absorption of Cold Fusion Neutrons in Lithium-rich Environments," Fusion Facts, Oct. 1990, pp 33-34, 3 refs.
  331. Michael Dehn, "Neutron Measurements and Counting Statistics," Fusion Facts, December 1990, pp 20-24, 7 refs.

332. Michael Dehn, "Tritium Primer," Fusion Facts, January 1991, pp 18-22, 13 refs.
333. Michael Dehn, "1990 Fusion Year in Review," Fusion Facts, January 1991, pp 2-5.
334. Michael Dehn, "Primer: Helium and Isotopic Changes," Fusion Facts, February 1991, pp 19-20, 9 refs.
335. Michael Dehn, "Primer: Charged Particles, X and Gamma Rays," Fusion Facts, March 1991, pp 13-18, 35 refs.
336. Michael Dehn, "Electrochemistry Primer," Fusion Facts, April 1991, pp 7-13, 31 refs., 1 fig.
337. Michael Dehn, "International Patent Application: Schoessow," Fusion Facts, April 1991, pp 2-4, 1 fig.
338. Michael Dehn, "Survey of Cold Fusion Successes," Fusion Facts, June 1991, pp 2-22.
339. Demanins, M. Graziani, J. Kaspar, S. Modesti, F. Raicich, R. Rosei, F. Tommasini, and A. Trovarelli (U. Trieste), "Search for the Neutron Production in Niobium Deuteride," Solid State Communications, 1989, vol. 71, no. 7, pp 559-561. (FF Jan. 1990)
  - a. De Ninno, C. Pontorieri, F. Scaramuzzi, P. Zeppa (ENEA, Frascati, Italy), "Emission of Neutron Bursts from a Titanium-deuterium Gas System in a High-efficiency Low-background Experimental Setup," Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
  - b. De Ninno et al., "Evidence of Emission of Neutrons from a Titanium-Deuterium System," submitted for Publication to Europhysics Letters. (FF Oct. 1989)
340. De Ninno, A. Frattolillo, G. Lollobattista, L. Martinis, M. Martone, L. More, S. Podda, and F. Scaramuzzi (Centro Ricerche Energia Frascati), "Neutron Emission for a Titanium-Deuterium System," Workshop on Cold Fusion Phenomena, Santa Fe, NM, May 23-25, 1989. (FF Nov. 1989)
341. De Ninno, A. Frattolillo, F. Lanza (JRC EURATOM), C. Pontorieri, F. Scaramuzzi, P. Zeppa (ENEA, Frascati, Italy), "The Production of Neutrons and Tritium in Deuterium Gas-titanium Interaction," presented at the Second Annual Conference on Cold Fusion, June 29-July 4, 1991, Como, Italy. (FF July 1991)
342. De Ninno, F. Scaramuzzi (ENEA, Aerea Energia e Innovazione), A. Frattolillo, S. Migliori (ENEA, Associazione EURATOM-ENEA sulla Fusione), F. Lanza (JRC Euratom), S. Scaglione (ENEA, Aerea Energia e Innovazione), P. Zeppa (ENEA, Frascati, Italy), C. Pontorieri (ENEA student), "The Production of Neutrons and Tritium in Deuterium Gas-titanium Interaction," The Science of Cold Fusion, Proceedings of the II Annual Conference on Cold Fusion, Como, Italy, June 29-July 4, 1991, pp 129-137, 12 refs, 2 figs, 2 tables. (FF April 1992)
343. De Ninno and V. Violante (ENEA, Frascati, Italy), "'Quasi-Plasma' Transport Model in Deuterium Overloaded Palladium Cathodes," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)

344. Emilio Del Giudice (INFN, Milano), Matteo Giuffrida, Renata Mele, and Giuliano Preparata (Dipart. di Fisica, U. di Milano), "Superfluidity of  $^4\text{He}$ ," *Physical Review B*, vol. 43, no. 7, 1 Mar 1991, pp 5381-88, 20 refs. (FF July 1991)
345. B.V. Deryagin, V.A. Kluev, A.G. Lipson and Yu.P. Toporov (USSR Academy of Sciences), "Excitation of Nuclear Reaction under Mechanical Effect (Impact) on Deuterated Solids," *Physica B*, vol. 167, 1990, pp 189-193 (FF Feb. 1991)
346. B.V. Deryagin, V.A. Kluev, A.G. Lipson, and Y.P. Toporov (Institute of Physical Chemistry, Academy of Sciences of the USSR, Moscow), "Possibility of Nuclear Reactions During the Fracture of Solids," translated from *Kolloidnyi Zhurnal*, vol. 48, no. 1, pp 12-14, Jan.-Feb. 1986, 10 refs. Original article submitted October 21, 1985. (UDC 539.375:539.1). (FF Nov. 1989)
347. B.V. Deryagin, A.G. Lipson, V.A. Kluev, D.M. Sakov, and Y.P. Toporov, "Titanium Fracture Yields Neutrons?," *Nature*, vol. 341, 12 Oct. 1989, p 492, 8 refs. (FF Nov. 1989)
348. M.W.C. Dharma-Wardana and G.C. Aers (National Res. Council of Canada, Ottawa), "A Model for the Cold Fusion of Deuterium in Deuterated Palladium Systems," submitted to *Chem. Phys. Letters*, Apr. 24, revised June 15, 1989. (FF Dec. 1989)
349. Silva Diabate and Siegfried Strack (Hauptabteilung Sicherheit Abteilung Biophysik und Okologie Karlsruhe), "Tritium Behavior in Biological Systems and Application of Current Knowledge to Dose Calculation Models," *Fusion Technology*, vol. 22, no. 2, Sep. 1992, pp 278-280, 14 refs. (FF Sep. 1992)
350. John K. Dienes (Los Alamos National Laboratory), "On Nuclear Reactions in Defects," *Fusion Technology*, vol. 19, no. 3, May 1991, pp 543-546. (FF May 1991)
351. Dino Dini (Italy), "Why 'Cold' and 'Warm' Fusion Reaction Plants for Producing Useful Energy are Very Far from Now," *Proceedings of the Cold Fusion Symposium, World Hydrogen Energy Conference #8, Honolulu, Hawaii, July 22-27, 1990*. (FF Aug. 1990)
352. J. Divisek and L. Furst (Institute of Applied Phys. Chem., Nuclear Research Centre, Julich), "Energy Balance of  $\text{D}(2)\text{O}$  Electrolysis with a Palladium Cathode. Part I. Theoretical Relations. Part II. Experimental," *J. Electroanalytical Chem.*, vol. 278, 1989, pp 85-117, 40 refs. [A negative report.] (FF Mar. 1990)
353. V.M. Dmitrenko, I.P. Dryapachenko, M.V. Sokolov (Inst. Yad Issled, Kiev), "Possibility of Electron Screening in Three-particle Nuclear Reactions," *Ukr. Fiz. Zh. (Russ. Ed.)*, 1991, vol. 36-7, pp 993-9, in Russian. (FF Dec. 1991)
354. Rix Dobbs, "Cold Fusion, Everything Known So Far," June 1990, 55 pages, 45 refs., published by the author, 4375 Old Williamsburg Road, Sandston, VA 23150. (FF July 1990)
355. S.Y. Dong, K.I. Wang, Y.Y. Fend, L. Chang, C.M. Luo, R.Y. Hu, P.L. Zhou, D.W. Mo, Y.F. Zhu, C.L. Song, Y.T. Chen, M.Y. Yao, C. Ren, Q.K. Chen, and X.Z. Li (Tsinghua U., Beijing), "Precursors to 'Cold Fusion' Phenomenon and the Detection of Energetic Charged Particles in Deuterium/Solid Systems," *Fusion Technology*, vol. 20 no. 3, Nov. 1991, pp 330-333, 3 figs, 6 refs. (FF Nov. 1991)

356. Qinghya Dong, Wanchuan Qiu, Fuxing Fan, Naicai Cai (Chem. Dept., Wuhan U.), "Behavior of Deuterium and Hydrogen in Palladium," *Gaodeng Xuexiao Huazue Xuebao*, 1992, vol. 13, no. 6, pp 846-849, in Chinese. (FF Sep. 1992)
357. D.L. Donohue and Milica Petek (Oak Ridge National Laboratory), "Isotopic Measurements of Palladium Metal Containing Protium and Deuterium by Glow Discharge Mass Spectrometry," *Analytical Chemistry* 63, 1991, pp 740-744. (FF May 1991)
358. John Douglas, "Update on Cold Fusion," *EPRI Journal* (January\February 1991), pp 34-35.
359. George Dragan (AMCO-SA, Bucharest), "Topoenergetic Evidence of Cold Fusion Phenomena," *Fusion Technology*, vol. 20, no. 3, Nov. 1991, pp 361-364, 4 figs, 16 refs. (FF Nov. 1991)
360. Jerome Drexler (Los Altos Hills, CA, U.S.A.), "Electrodeless, Multi-megawatt Reactor for Room-temperature, Lithium-6/Deuterium Nuclear Reactions," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
361. Thomas F. Droege and Lee John Droege (Batavia, Ill.), "A Zero Gradient Calorimeter for the Measurement of Anomalous Heat from the Electrolysis of Deuterated Metals," *Proceedings of The First Annual Conference on Cold Fusion*, March 28-31, 1990, University of Utah Research Park, Salt Lake City, Utah. (FF Apr. 1990)
362. Thomas F. Droege and Lee John Droege (Batavia, Ill.), "An Improved Zero Gradient Calorimeter for the Investigation of Cold Fusion Phenomena," *The Science of Cold Fusion, Proceedings of the II Annual Conference on Cold Fusion*, Como, Italy, June 29-July 4, 1991, pp 243-248, 2 refs, 5 figs. (FF April 1992) (FF July 1991)
363. Thomas F. Droege, letter, "Skeptics Do Biased Reporting?," *Fusion Facts*, July 1991, pp 31.
364. Shu Yun Duan, Wei Shu Guan, Shi Qing Cheng, Jun Zhang, Shu Li Hao, Biao Gu, Jia Quan Li, Wen Xue Liang, Guang Yang Zhang, Si Xiu Pei, Jun Cheng Huang, Kang Wei Cheng, Rong Liu, Xi Rong Liu, Ying Li (Southwestern Inst. of Physics, Sichuan, China), "Fusion Neutron Emission Induced by Injection of Deuterium into Titanium Target in a Mirror Plasma," *The Science of Cold Fusion, Proceedings of the II Annual Conference on Cold Fusion*, Como, Italy, June 29-July 4, 1991, pp 139-143, 2 refs, 4 figs. (FF April 1992) (FF July 1991)
365. B.I. Dunlap, D.W. Brenner, R.C. Mowrey, J.W. Mintmire, and C.T. White (Naval Res. Lab.), "Linear Combination of Gaussian-type Orbitals-local-density-functional Cluster Studies of D-D Interactions in Titanium and Palladium," *Physical Review B*, vol. 41, no. 14, May 15, 1990, pp 9683-9687, 33 refs. (FF June 1992)
366. J.J.F. Durocher et al., "A Search for Evidence of Cold Fusion in the Direct Implantation of Palladium and Indium with Deuterium," *Canadian Journal of Physics* vol. 67, June 1989, 624-631.

367. Robert D. Eagleton and Robert T. Bush (California State Polytechnic University), "Calorimetric Experiments Supporting the Transmission Resonance Model for Cold Fusion," *Fusion Technology*, vol. 20, no. 2, pp 239-245, 12 figs, 3 refs. (FF May 1991) (FF Sep. 1991)
368. Jeff Eastman and Richard W. Siegel (Argonne National Laboratory), "Nanophase Synthesis Assembles Materials from Atomic Clusters," *Research & Development*, Jan. 1989, pp 56-60, 3 refs, 6 figs. (FF June 1992)
369. A. C. Ehrlich, "A Search for Neutrons in Single-phase Palladium-deuterium," *Fusion Technology*, vol. 16, December 1989, pp 529-531.
370. Ejiri, K. Matsuoka, and E. Choi (Dept. Phys. and Lab. Nuclear Studies, Osaka U., Japan), "Limits on Fast Neutrons from the Pd Cold Fusion by Means of Low Background Ge Detectors," abstract submitted to Second Annual Conference on Cold Fusion, June 29-July 4, 1991, Como, Italy. (FF July 1991)
371. Bent Elbek, "Cold Fusion?," *Gamma (Copenhagen)*, vol. 76, pp 19-21, 1989, 2 refs, in Danish. [Cold fusion status is reviewed and it is postulated that a nuclear process has not been proven.] (FF Mar. 1990)
372. John Ellis, N.E. Mavromatos, D.V. Nanopoulos (Theory Div., CERN, Switz.), "On the Evaporation of Black Holes in String Theory," *Phys. Letters B*, vol. 276, nos. 1-2, pp 56-66. (FF June 1992)
373. S. Engstler, G. Raimann, C. Angulo, U. Greife, C. Rolfs, U. Schroder, E. Somorjai, B. Kirch and K. Langanke, "Test for Isotopic Dependence of Electron Screening in Fusion Reactions," *Physics Letters B*, vol. 279, 1992, pp 20-24, 24 refs, 1 fig, 2 tabs. (FF June 1992)
374. Michio Enyo (Hokkaido U., Sapporo), "Is the Cold Fusion Reaction Possible?," *Kagaku to Kogyo*, 1991, vol. 44, no. 1, pp 47-51, 18 refs, in Japanese. (FF Nov. 1991)
375. Michio Enyo (Catalysis Research Center, Hokkaido U., Sapporo, Japan) "Hydrogen/Deuterium Concentration in Pd under Cathodic Polarization," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Nov. 1992)
376. M. Enyo and P.C. Biswas (Catalysis Research Center, Hokkaido University, Sapporo, Japan), "Hydrogen Absorbtion in Palladium Electrodes in Alkaline Solutions," *J. Electroanalytical Chem.*, vol. 335, 1992, 309-319. (FF Dec. 1992)
377. EPRI (Electric Power Research Inst.), "Research Projects Sponsored by EPRI and Power Utilities," 11 abstracts from various research facilities, *Fusion Facts*, October 1991, pp 3-6.
378. T. Erata (Tsukuba U.), "NMR Study on the Behavior of Hydrogen in Palladium Hydride," *KEK Proc.*, 1992, vol. 92-1 (Current Status, Future Prospects), pp 14-30, in Japanese. (FF Sep. 1992)
379. Escarpizo, F. Fernandez, J. Sevilla, F. Cuevas and C. Sanchez (Dept. of Applied Physics, U. Autonoma de Madrid), "Solid State and Electrochemical Phenomena Related to Cold

- Fusion in Titanium," The Science of Cold Fusion, Proceedings of the II Annual Conference on Cold Fusion, Como, Italy, June 29-July 4, 1991, pp 15-20, 2 refs, 5 figs. (FF April 1992)
380. Escarpizo, J.F. Fernandez, F. Cuevas, J. Tornero, C. Sanchez (Dept. Fisica Aplicada, U. Autonoma, Madrid, Spain), "Anomalous X-ray Diffraction in Electrolytically Deuterated Titanium," abstracts of selected papers from the International Symposium on Metal-hydrogen Systems, Fundamentals and Applications, Uppsala, Sweden, June 8-12, 1992. (FF Aug. 1992)
381. Escarpizo, J.F. Fernandez, F. Cuevas, J. Tornero, and C. Sanchez (Dpto. Fisica de Materiales C-IV, Universidad Autonoma de Madrid, Spain), "Deuterium Concentration Profiles and Crystallization Anomalies in Electrolytically Deuterated Titanium Plates," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Nov. 1992)
382. R.I. Ewing et al., "A Sensitive Multi-detector Neutron Counter Used to Monitor "Cold Fusion" Experiments in an Underground Laboratory: Negative Results and Positive Artifacts," I.E.E.E. Transactions on Nuclear Science, vol. 37, June 1990, pp 1165-1170.
383. R.J. Ewing et al., "Negative Results and Positive Artifacts Observed in a Comprehensive Search for Neutrons from 'Cold Fusion' Using a Multi-detector System Located Underground," Fusion Technology vol. 16, November 1989, pp 404-407.
384. Samuel P. Faile, "Alternatives to Palladium," Fusion Facts, Oct. 1990, p 34.
385. Samuel P. Faile, "Ion Implantation and Channeling in Pd, (Reporting on Dr. William E. Wells work at Miami U., Oxford, Ohio)," Fusion Facts, Dec. 1989, pp 11.
386. Samuel P. Faile, "Pits Destroy Excess Heat," Fusion Facts, June 1990, pp 16-17.
387. Samuel P. Faile and Hal Fox, "What Fusion Theory Must Explain," Fusion Facts, Nov 1989, pp 1-6, 15 refs.
388. Samuel P. Faile, "Fusion - Fission?," Fusion Facts, Jan. 1990, p 15.
389. Samuel P. Faile, "Some Notes on Hydrides," Fusion Facts, Feb. 1990, pp 19-20, 4 refs.
390. Samuel P. Faile, "Speculative Lithium Reactions," Fusion Facts, Mar. 1990, pp 16-17.
391. Samuel P. Faile, "Gleanings from the Computer Nets," Fusion Facts, May 1990, pp 11.
392. Samuel P. Faile, "New Particles Based on Yukawa-Heisenberg Concepts," Fusion Facts, June 1990, pp 22-23, 1 ref.
393. Samuel P. Faile, "Do Known Events Conspire to Produce Cold Fusion or is a New Phenomeneon Involved?," Fusion Facts, December 1990, pp 24-25.
394. Samuel P. Faile, "Zero-point Energy and Possible Application to Cold Fusion," Fusion Facts, February 1991, pp 17-19.
395. Samuel P. Faile, "Comments of Condensed Electrons," Fusion Facts, March 1991, pp 16-19, 3 refs.



396. Samuel P. Faile, "Multilayers of Palladium and Silver Could Produce More Energy," Fusion Facts, August 1991, p 18.
397. Samuel P. Faile, "Ions Could Play a Major Role for Various Energy Producing Techniques," Fusion Facts, October 1991, p 20.
398. Samuel P. Faile, "New Energy Source Patented," United States Patent Number: 5,018,180, Title: Energy Conversion Using High Charge Density. Inventor: Kenneth R. Shoulders, Austin, Texas. Fusion Facts, July 1991, p. 30.
399. Samuel P. Faile, "Note on H(2)O Dilution," Fusion Facts, January 1992, p 23.
400. Samuel P. Faile, "Does Use of Free Energy Unscreen Wormholes Leading to Time Contraction?," Fusion Facts, May 1992.
401. Facts, May 1992.
402. Samuel P. Faile, "Experiments with Non-inductive Coils while Observing Hot Spots with IR Detectors," Fusion Facts, June 1992, p. 18.
403. Samuel P. Faile, "Latest Information on Free Energy," Fusion Facts, June 1992, p. 18-20.
404. Samuel P. Faile, "Organizing Forces During Cold Fusion Explosions," Fusion Facts, June 1992, p. 20.
405. Avard Fairbanks, "Safety for Cold Fusion Experiments," Fusion Facts, January 1992, pp 4-6.
406. M. Fallavier, J. Kemmler, R. Kirsch, J.C. Poizat, J. Remillieux, J.P. Thomas (Inst. Phys. Nucl. Lyon, U. Claude Bernard Lyon I, France), "Search for Nuclear Fusion Induced by D(n)+ Cluster Ions in Deuterated Targets," AIP Conf. Proc., 1992, 250 (Towards Unified Pict. Nucl. Dyn.), pp 294-302. (FF July, 1992)
407. M. Fallavier, B. Hjorvarsson, M. Benmansour, J.P. Thomas (Inst. Phys. Nucl. Lyon, U. Claude Bernard Lyon, France), "Determination of Hydrogen Surface Coverage of Platinum-nickel (Pt(0.5)Ni(0.5)) Single Crystals by NRA," Nucl. Instrum. Methods Physy. Res., sect. B, 1992, vol. B64, nos. 1-4, pp 83-87. (FF July 1992)
408. S.H. Faller, R.W. Holloway, S.C. Lee, "Investigations of Cold Fusion in Heavy Water," J. Radioanalytical Nucl. Chem. Letters, vol. 137, no. 1, pp 9-16, 1989, 4 refs. (FF Feb. 1990)
409. P.H. Fang (Boston College, Mass.), "Deuterium Fusion through Nonequilibrium Induction," Fusion Technology, vol. 19, March 1991, pp 369-370. (FF March 1991)
410. S. Feng (UCLA), "Enhancement of Cold Fusion Rate by Electron Polarization in Palladium Deuterium Solid," Solid State Comm., vol. 72, 1989, pp 205-209. (FF Feb. 1991)
411. F. Fernandez, J. Sevilla, B. Escarpizo, C. Sanchez (Departamento de Fisica Aplicada, Universidad Autonoma de Madrid, Spain), "Nuclear Effects in Electrolytically Deuterated Ti and Pd," Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)

412. F. Fernandez, B. Escarpizo, J. Sevilla, J. Tornero, F. Cuevas and C. Sanchez (Dept. of Applied Physics, U. Autonoma de Madrid), "Solid State and Electrochemical Phenomena Related to Cold Fusion in Titanium," presented at Second Annual Conference on Cold Fusion, June 29-July 4, 1991, Como, Italy. (FF July 1991)
413. M.C.S. Figueira, E.M. Szanto, A. Szanto, M.P. Pato and M.S. Hussein (Instituto do Fisica, Universidade Federal do Rio de Janeiro, Brazil), "Role of the Breakup Process in the Hindrance of Light-heavy-ion Fusion Reactions," *Physical Review C*, vol. 46, no. 3, Sep. 1992, pp 1139-1142. (FF Dec. 1992)
414. S.M. Filipek, A.W. Szafranski, M. Warsza and S. Majchrazak (Polish Academy of Sciences), "Isotopic Effects in Ni-Si-H(D) and Ni-V-H(D) Systems," *Journal of Less-Common Metals*, vol. 158, 1990, pp 177-189, 36 refs. (FF June 1990)
415. Arthur Fisher, "Much Ado About..," *Mosaic*, vol. 21, no. 2, Summer 1990. (FF Jan. 1991)
416. Fisher, S. Chandavarkar, and I.R. Collins (U. of Liverpool), R. Diehy (Pen State U.), P. Kaukasoina and M. Lindroos (Tanpere Inst. of Tech.), "Top Site Adsorption for Potassium on Ni(111)," *Phys. Review Letters*, vol. 68, no. 18, 4 May 1992, pp 2786-2789, 2 figs, 2 tabs, 30 refs. (FF Aug. 1992) (FF Oct. 1992)
417. R.S. Fishman and G.D. Mahan, "Binding of Charged Particles in Lattice Defects," *Phys. Rev. B*, vol. 40, 1989, pp 11493-5. (FF Feb. 1991)
418. Tim Fitzpatrick and JoAnn Jacobsen-Wells, "Fusion Researcher's Death Shocks his Friends at U. [U. of Utah]," *Salt Lake Tribune*, p A1, January 4, 1992. (FF Jan. 1992)
419. Tim Fitzpatrick, "Prospectus on Fusion Leaks out," *Salt Lake Tribune*, May 10, 1990, p B1. (FF May 1990)
420. Tim Fitzpatrick, "Utahns Rally Help for Home-grown Cold Fusion," *The Salt Lake Tribune*, March 31, 1990, p B1. (FF May 1990)
421. Ted B. Flanagan, W. Lui, and J.D. Clewley (Chem. Dept. U. of Vermont), "Calorimetric Enthalpies of Absorption and Desorption of Protium and Deuterium by Palladium," *J. of the Less-Common Metals*, vol. 172-174, pp 42-55, 6 figs, 21 refs, Aug. 20, 1991. (FF Oct. 1991)
422. M. Fleischmann, S. Pons, and M. Hawkins, "Electrochemically Induced Nuclear Fusion of Deuterium." *J. Electroanalytical Chem.*, vol. 261, pp 301-308, and erratum, vol. 263, p 187, 1989.
423. M. Fleischmann (U. of Utah, NCFI), "Overview of Cold Fusion Phenomena," *Proceedings of The First Annual Conference on Cold Fusion*, March 28-31, 1990, University of Utah Research Park, Salt Lake City, Utah. (FF Apr. 1990)
424. Martin Fleischmann and Stanley Pons, "Press Should Separate Facts, Opinion," *Deseret News*, March 28, 1990. (FF May 1990)
425. Martin Fleischmann (Dept. of Chemistry, The University-Southampton, UK) and Stanley Pons (Dept. of Chemistry, University of Utah, USA), "Calorimetric Measurements on

- Palladium Based Cathodes Polarized in Heavy Water," presented at Second Annual Conference on Cold Fusion, June 29-July 4, 1991, Como, Italy. (FF July 1991)
426. Martin Fleischmann (Dept. of Chem., The University-Southampton, England) and Stanley Pons (Dept. of Chem., U. of Utah), "Detection of Neutrons and Gamma-rays from Cells Containing Palladium Cathodes Polarized in Heavy Water," abstract submitted to Second Annual Conference on Cold Fusion, June 29-July 4, 1991, Como, Italy. (FF July 1991)
427. Martin Fleischmann (with much assistance by Guiliano Preparata and Stanley Pons), "The Present Status of Research in Cold Fusion," The Electrochemistry Newsletter, October 1991, no. 71, pp 1-14 of insert, 1 fig. (FF Dec. 1991)
428. M. Fleischmann, "The Present Status of Research in Cold Fusion," The Science of Cold Fusion, Proceedings of the II Annual Conference on Cold Fusion, Como, Italy, June 29-July 4, 1991, pp 475-527, 1 fig. (FF April 1992)
429. Martin Fleischmann (Dept. of Chemistry, The University-Southampton, UK) and Stanley Pons (Dept. of Chemistry, University of Utah, USA), "The Calorimetry of Electrode Reactions and Measurements of Excess Enthalpy Generation in the Electrolysis of D(2)O Using Pd-based Cathodes," The Science of Cold Fusion, Proceedings of the II Annual Conference on Cold Fusion, Como, Italy, June 29-July 4, 1991, pp 349-362, 8 refs, 11 figs. (FF April 1992)
430. M. Fleischmann (The University-Southampton) and S. Pons (U. of Utah), "Some Comments on the Paper Analysis of Experiments on Calorimetry of LiOD/D(2)O Electrochemical Cells, R.H. Wilson et al., J. Electroanalytical Chem., vol. 332, 1992, pp 1-31," J. Electroanal. Chem., vol. 332, 1992, pp 33-53, 4 figs, 3 tables, 13 refs, paper received 26 March 1992.
431. M. Fleischmann (Dept. of Chem., The University-Southampton, UK) and S. Pons (IMRA, Valbonne, France), "Excess Enthalpy Generation in the Region of the Boiling Point in Pd-type Cathodes Polarized in D(2)O," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Nov. and Dec. 1992)
432. J.W. Fleming, H.H. Law, J. Sapjeta, P.K. Gallagher, and W.F. Marohn (AT&T Bell Labs.), "Calorimetric Studies of Electrochemical Incorporation of Hydrogen Isotopes into Palladium," Journal of Fusion Energy, vol. 9, no. 4, 1990, pp 517-523. (FF June 1991)
433. Luciano Fonda (International Center for Theoretical Physics, Trieste, Italy) and Gordon L. Shaw (U. of California, Irvine), "Fluctuations and Nonreproducibility in Cold Fusion from Free Quark Catalysis," Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
434. Richard A. Forman (Pres. Optimum Technology, Inc., Potomac, MD), "Fusion: an Historical Perspective," Fusion Facts, Jan. 1990, pp 14-15.
435. William A. Fowler, "Cold Fusion Results Still Unexplained," Nature, vol. 339, 1989, p 345. (FF Feb. 1991)

436. Hal Fox, "Impact on Energy Policy," Fusion Facts, Sep. 1990, pp 23-26, 2 refs, names and phone numbers in Dept. of Energy.
437. Hal Fox, "Improvements on the Fleischmann-Pons Discovery," Fusion Facts, Sep. 1990, pp 26-27, 6 refs.
438. Hal Fox, "Solid-state Nuclear Reactions (Confirmed and Proposed)," Fusion Facts, July 1989, pp 7-9.
439. Hal Fox, "Creating a Working Fusion Cell," Fusion Facts, August 1989, pp 1-3, 4 refs.
440. Hal Fox, "Calculating Energy from Deuterium Fusion," Fusion Facts, August 1989, pp 6-7.
441. Hal Fox, "FIC's Position Paper - August 1989 Revision," Fusion Facts, August 1989, pp 7-12.
442. Hal Fox, "Palladium Cathode Charging Time," Fusion Facts, August 1989, pp 13-14.
443. Hal Fox, "Scoreboard on F-P Effect Replications," Fusion Facts, Sep. 1989, pp 1-5.
444. Hal Fox, "Solid-state Fusion, Solid-state Semiconductors, a Comparison," Fusion Facts, Sep. 1989, pp 9-11, 8 refs.
445. Hal Fox, "DoE Curtails Aspects of Fusion Development," Fusion Facts, Oct. 1989, pp 12-13.
446. Hal Fox, "Latest on Fusion Cell Preparation," Fusion Facts, Oct. 1989, pp 15-16, 4 refs.
447. Hal Fox, "NSF/EPRI Meeting - Washington, D.C." (Brief review with list of attendees), Fusion Facts, Nov. 1989, pp 8-10.
448. Hal Fox, "DoE Panel Meeting and Report," Fusion Facts, Nov. 1989, pp 11-12.
449. Hal Fox, "T'was the Night Before Crisis," Fusion Facts, Dec. 1989, pp 9, 12 refs. [A Christmas poem.]
450. Hal Fox, "Understanding Cold Fusion," Fusion Facts, Dec. 1989, pp 11-14, 3 refs.
451. Hal Fox, "Fusion Scientists of the Year, 1989 (B. Stanley Pons and Martin Fleischmann)," Fusion Facts, Jan. 1990, pp 1-3.
452. Hal Fox, "New Director for National Cold Fusion Institute (Dr. Fritz G. Will)," Fusion Facts, Jan. 1990, pp 3-5, 5 refs.
453. Hal Fox, "DoE Expenditures on Fusion," Fusion Facts, Jan. 1990, pp 12-13, 6 refs.
454. Hal Fox et al., "Fusion Research Direction: a Review," Fusion Facts, Jan. 1990, pp 15-18.
455. Hal Fox, "Dr. Will Plans Fusion Research - a Review of Major Efforts," Fusion Facts, Feb. 1990, pp 1-2.
456. Hal Fox, "No Neutrons - No Cold Fusion?," Fusion Facts, Feb. 1990, pp 2-4, 11 refs.
457. Hal Fox, "Scientific Facts and Scientific Process," Fusion Facts, Apr. 1990, pp 31, 4 refs.

458. Hal Fox, "National Cold Fusion Institute Announces Visiting Scientist Appointments," Fusion Facts, May 1990, pp 1-2.
459. Hal Fox, "The National Cold Fusion Institute," Fusion Facts, May 1990, p 2.
460. Hal Fox, "Cold Fusion Position Paper, Revised May 1990," Fusion Facts, May 1990, pp 18-22, 2 refs.
461. Hal Fox, "Understanding Cold Fusion as a New Physical Principle," 21st Century Science and Technology, Spring 1990, pp 14-15, 4 refs. (FF June 1990)
462. Hal Fox, "Cold Fusion Research Problems: where are the Nuclear By-products?," Fusion Facts, June 1990, pp 23-24.
463. Hal Fox, "Cold Fusion Research Direction," Fusion Facts, January 1991, pp 23-26, 19 refs.
464. Hal Fox, "Scientific Review of NCFI: Report of the Committee for the Review of the National Cold Fusion Institute," Fusion Facts, February 1991, pp 1-8.
465. Hal Fox, Mallove's Book Reviewed, Fusion Facts, May 1991, pp 3.
466. Hal Fox, "Nuclear Magnetic Resource," Fusion Facts, June 1992, p. 18.
467. Hal Fox, "What Happened to the Coulomb Barrier?," Fusion Facts, May 1992, pp. 18-19.
468. Hal Fox, "The Scientific Method and Peer Review," Fusion Facts, Sep. 1992, pp 1-5.
469. Hal Fox, "Nagoya Conference - General Comments," Fusion Facts, Nov. 1992, pp 1-3.
470. S. Freedman and D. Krakauer, "Biases in Cold Fusion Data," and "Jones et al. Reply," Nature, vol. 343, pp 703-704, 6 refs. (FF Mar. 1990)
471. Marsha Freeman (Fusion Facts, Washington Correspondent), "Workshop on Anomalous Effects in Deuterated Materials," sponsored by National Science Foundation (NSF), and Electrical Power Research Institute (EPRI), October 16-18, 1989, Washington, D.C., Fusion Facts, Oct. 1989, pp 2-5.
472. S. Freud (U. of Vienna) "Adam's Complex - Forbidden Fruit Insufficiency - as Primary Cause of Cold Fusion Phobia," Zietschr. Niergendwoische Psychiatrie, vol. 291, no. 6, 1991, pp 223-8, 3 refs. [Probably appeared in the April 1st issue. Ed.] (FF Feb. 1992)
473. Jochen Fricke (Fed. Rep. Germany), "Fusion with Fast Deuterium Oxide Clusters," Phys. Unserer Zeit, vol. 21, no. 2, pp 61-62. (FF Sep. 1990)
474. P. Frodl, O.E. Roessler, M. Hoffmann and F. Wahl (Inst. Phys., U. Mainz), "Possible Participation of Lithium in Fleischmann-Pons Reaction is Testable," Z. Naturforsch. A: Physical Science, 1990, vol. 45, no. 5, pp 757-8. (FF Oct. 1990)
475. Fujii, S. Orimo, K. Yamamoto, K. Yoshimoto, and T. Ogasaware (Hiroshima U. and Mazda Motor Corp.), "New Composite Materials for Hydrogen Storage Using Magnesium as a Binder," J. of Less-Common Metals (now retitled as J. of Alloys and Compounds), Oct. 1, 1991, vol. 175, no. 2, pp 243-257, 12 figs, 13 refs. (FF Nov. 1991)

476. Masatoshi Fujii, Masami Chiba, Kenji Fukushima, Motomi Katada, Tachishige Hirose, Kenichi Kubo, Kiroaki Miura, Shinya Miyamoto, Hiromichi Nakahara, Yuki Nakamitsu, Tsutomu Seimiya, Toshiaki Shirakawa, Keisuke Sueki, Hideyuki Toriumi, Torahiko Uehara and Toshihiro Watanabe (Dept. of Chem. and Phys., Faculty of Science, Tokyo Metropolitan University, Japan), "Measurement of Neutrons in Electrolysis at Low Temperature Range," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
477. Y. Fujii, N. Takahashi, M. Nakada, T. Kusunoki, M. Okamoto, "Anomalous Neutron Burst in Heavy Water Electrolysis," *The Science of Cold Fusion, Proceedings of the II Annual Conference on Cold Fusion, Como, Italy, June 29-July 4, 1991*, pp 81-85, 1 ref, 4 figs, 1 table. (FF April 1992)
478. S. Fujita, (Inst. Theor. Phys., U. Graz, Austria), "On the Feasibility of Nuclear Fusion in FCC Metals," *Phys. Status Solidi B*, vol. 156, no. 1, pp K17-K21, 1989. (FF Mar. 1990)
479. Masanori Fujiwara and Koichi Sakuta (Electrotechnical Lab., Tsukuba-shi, Ibara-ki, Japan), "Statistically Significant Increase in Neutron Counts for Palladium Plate Filled with Deuterons by Electrolysis," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
480. Yuh Fukai (Dept. of Physics, Chuo U., Tokyo), "The ABC's of the Hydrogen-metal System," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Nov. 1992)
481. Kenji Fukushima (Dept. of Physics, Tokyo Metropolitan U., Japan), "A New Mechanism for Cold Fusion -- Sono-Fusion," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
482. M. Gajda and J. Rafelski (U. of AZ), "Astrophysical Limits on Low Energy Fusion," *Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems Conference*, Brigham Young University, October 22-24, 1990. (FF Dec. 1990)
483. Mariusz Gajda and Johann Rafelski (Dept. Phys., U. Arizona, USA), "Jovian Limits on Conventional Cold Fusion," *J. Phys. G: Nucl. Part. Phys.*, vol. 17, no. 5, pp 653-61, 1991. (FF June 1991) (FF Oct. 1991)
484. Ryszard Gajewski (DoE, Washington D.C.), "Nuclear Fusion: Hope or Illusion?," *Postepy Fiz.* 1991, vol. 42, no. 1, pp 85-95, no refs, in Polish. (FF Jan. 1992)
485. L. Gamberale, G. Preparata and She-Sheng Xue (U. of Milano), "Failure of Perturbative Scaling in SU(3) Lattice Gauge Theory," *Il Nuovo Cimento*, vol. 105 A, no. 3, March 1992, pp 309-314, 2 figs, 11 refs. (FF Aug. 1992)
486. V.V. Gann and V.I. Pokhodyashchii, "Metastable Bound States of Deuterium in Palladium and their Role in Cold Nuclear Fusion," *Vopr. At. Nauki Tekh, Ser. Fiz.*, 1990, vol. 1, pp 89-90, in Russian. (FF May 1991)
487. Moishe Garfinkle (Drexler U., Philadelphia), "Ion Implantation as a Definitive Means of Investigating Any Possibility of Intracrystalline Nuclear Fusion," *Fusion Technology*, vol. 22, no. 1, Aug. 1992, pp 160-163, 1 fig, 14 refs. (FF Aug. 1992)

488. Richard L. Garwin (IBM Res. Center), "Fusion: the Evidence Reviewed," *Science*, Nov. 29, 1991, vol. 254, pp 1394-5. (FF Dec. 1991)
489. Daniel Gauthier, Yifu Zhu, and Thomas Mossberg (U. of Oregon), "Turning off the Vacuum with Lasers," *APS News*, vol. 1, no. 3, March 1992, pp 16-17. (FF March 1992)
490. H. Gentsch (U. of Essen), "Deuterium-deuterium Fusion Reactions in a Palladium-silver Deuterium Target in a Minireactor," *Er Bunsen - Gex Phys. Chem.*, 1991, vol. 95, no. 10, pp 1283-86. (FF April 1992)
491. H. Gerischer (Fritz Haber Institut, Berlin), "The Impact of Semiconductors on the Concepts of Electrochemistry," *Electrochimica Acta*, vol. 35, nos. 11-12, pp 1677-99, 1990, 129 refs. (FF March 1991)
492. H. Gerischer (Fritz Haber Institut der Max-Planck-Gesellschaft, Berlin), "Is Cold Fusion a Reality? The Impressions of a Critical Observer," *The Science of Cold Fusion, Proceedings of the II Annual Conference on Cold Fusion, Como, Italy, June 29-July 4, 1991*, pp 465-474, 14 refs. (FF April 1992)
493. Heinz Gerischer (Fritz Harber Institut der Max-Planck-Gesellschaft, Berlin), "Memorandum on the Present State of Knowledge on Cold Fusion," a circulated memo. See similar material in "Is Cold Fusion a Reality? The Impressions of a Critical Observer," *The Science of Cold Fusion, Proceedings of the II Annual Conference on Cold Fusion*, edited by T. Bressani, E. Del Giudice, and G. Preparata, Como, 29 June-4 July 1991, c 1991, published by Societa Italiana di Fisica, Bologna, Italy, pp 465-474. (FF June 1992)
494. I.L. Gerlovin, R.Kh. Baranova, P.S. Baranov, "New Approach to Low-temperature Nuclear Fusion," *Zh. Obshch. Khim*, 1992, vol. 62, no. 1, pp 230-232, in Russian. (FF Sep. 1992)
495. I.L. Gerlovin, R.Kh. Baranova, and P.S. Baranov, "New Approach to Cold Fusion (Low-temperature Nuclear Fusion)," translated from *Zhurnal Obshchei Khimii, J. of General Chemistry of the USSR*, vol. 62, no. 1, Part 2, Jan. 1992 (July 10, 1992 translation), pp 193-194, 5 refs. (FF Oct. 1992)
496. S.S. Gershtein, L.I. Ponomarev (USSR), "Decisive Experiment in Cold Fusion," *Ref. Zh. Khim.*, 1991, in Russian. Title only translated. (FF April 1992)
497. S.K. Ghosh, H.K. Sadhukhan, A.K. Dhara (Heavy Water Div., BARC, Trombay), "A Theory of Cold Nuclear Fusion in Deuterium-loaded Palladium," *Pramana*, 1989, vol. 33, no. 2, pp L339-L342. (FF Dec. 1989)
498. Swapan K. Ghosh, H.K. Sadhukhan and Ashish K. Dhara, "A Theory of Cold Nuclear Fusion in Deuterium Loaded Palladium," *BARC Studies in Cold Fusion (April-Sep. 1989)*, 4 pages, 18 refs. (FF Feb. 1990)
499. D. J. Gillespil et al., "A Search for Anomalies in the Palladium-deuterium System," *Fusion Technology*, vol. 16, December 1989, pp 529-531.
500. N. Giordano, A.S. Arico, and V. Antonucci (Inst. for Transformation and Storage of Energy, Messina, Italy), "Thermal Effects During the Electrolytic Charging of Deuterium

- in the Palladium Lattice," *Fusion Technology*, vol. 20, no. 1, Aug. 1991, pp 105-107, 16 refs. (FF Aug. 1991)
501. Peter Gluck, "Cold Fusion - A Preliminary Scientometric Study," *Fusion Facts*, August 1991, pp 19-22.
  502. Peter Gluck, "Cold Fusion Patent Applications III," *Fusion Facts*, April 1992, pp 27-8.
  503. Peter Gluck, "Understanding Reproducibility: Topology is the Key," *Fusion Facts*, May 1992, pp 19-23.
  504. Peter Gluck, "Cold Fusion at Debrecen, Hungary," *Fusion Facts*, July 1992, pp 16-17.
  505. Peter Gluck (Inst. of Isotopic and Molecular Tech., Romania), "The SURFDYN Concept: an Attempt to Solve the Puzzles of Nuclear Cold Fusion," submitted to *Fusion Technology*, 10 manuscript pages, 44 refs. (FF Aug. 1992)
  506. Peter Gluck, "New Patent Applications," *Fusion Facts*, August 1992, pp 21-23.
  507. J.A. Goedkoop, "Cold Nuclear Fusion in Condensed Matter?," *Energiespectrum*, vol. 13, no. 6, pp 156-162, 1989. (FF June 1990)
  508. Fraser Goff, Jamie N. Gardner, William Crisswell (Earth and Environmental Sciences Division, LANL), Lisa Shevenell (Water Resources Center, Desert Research Institute, Reno), H. Gote Ostlund (Tritium Laboratory, U. of Miami), and Mike Colucci (Stable Isotope Laboratory, Southern Methodist U. Texas), "The Tritium Content of 'Magmatic' Water Emitted from the Post-1980 Lava Dome, Mount St. Helens Volcano, Washington," *Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems*, Brigham Young University, October 22-24, 1990. (FF Dec. 1990)
  509. V.I. Goldanskii and F.I. Dalidchik (N.N. Semenov Inst. Chem. Phys.), "On the Possibilities of Cold Enhancement of Nuclear Fusion," *Physics Letters B*, vol. 234, no. 4, pp 465-468, 1990. (FF June 1990) (FF Feb. 1991)
  510. Vitalii I. Goldanskii and Fyodor I. Dalidchik (USSR Academy of Sciences), "Mechanism of Solid-state Fusion," *Nature*, vol. 342, 1989, p 231. (FF Feb. 1991)
  511. Maurice Goldhaber (Dept. of Physics, Brookhaven Nat'l Lab., Upton), "Cold Fusion - Not Nuclear," *Science*, vol. 257, p 310, July 17, 1992, in letter to Editor. (FF Aug. 1992)
  512. P.I. Golubnichyi et al., *Akademiia Nauk S. S. R., Doklady*, vol. 307, 1989, pp 99-101.
  513. P.I. Golubnichyi, V.V. Kuz'minov, G.I. Merzon, B.V. Pritychenko, A.D. Filonenko, V.A. Tsarev and A.A. Tsarik (Lugansk Mechanical Engineering Institute, Institute of Nuclear Research, and Lebedev Physics Institute, Academy of Sciences of the USSR), "Correlated Neutron and Acoustic Emission from a Deuterium-saturated Palladium Target," *JETP Letters*, vol. 53, no. 2, 25 Jan. 1991. (FF May 1991)
  514. P.I. Golubnichyi, A.D. Filonenko, A.A. Tsarik (Lugansk Mechanical Engineering Inst., Moscow), V.A. Tsarev (P.M. Lebedev Physical Inst., Moscow), "Correlation Measurements in Cold Fusion Experiments," presented at Second Annual Conference on Cold Fusion, June 29-July 4, 1991, Como, Italy. (FF July 1991)



515. P.I. Golubnichyi, G.I. Merzon, A.D. Filonenko, V.A. Tsarev, A.A. Tsarik (USSR), "Detection of a Correlation Between Nuclear, Acoustic and Electromagnetic Emissions during Electrolytic Saturation of Palladium with Deuterium," *Kratk. Soobshch. Fiz.*, 1990, no. 8, pp 26-29, in Russian. (FF Jan. 1992)
516. Irwin Goodwin, "Fusion in a Flask: Expert DoE Panel Throws Cold Water on Utah 'Discovery'," *Physics Today*, December 1989, pp 43-45.
517. William C. Gough (Foundation for Mind-Being Research), reviewing *Too Hot to Handle: The Race for Cold Fusion*, *Fusion Technology*, vol. 22, no. 1, Aug. 1992, pp 188-192. (FF Aug. 1992)
518. B.V. Govorov, V.M. Gryaznov, N.V. Eremin, A.S.N. Karavanov, N.R. Roshan, A.F. Tulinov, I.V. Tyapkin (Inst. Neftekhim, Sint. Im. Topchieva, USSR), "Study of Neutron Emission from Palladium Saturated with Deuterium," *Zh. Fiz. Khim.*, vol. 64, 1990, no. 2, pp 539-540, in Russian. (FF Sep. 1990)
519. Gozzi and P.L. Cignini (Universita "La Sapienza," Rome, Italy), S. Frullani, F. Garibaldi, F. Ghio, M. Jodice and G.M. Urciuoli (Istituto Superiore di Sanita, Rome, Italy), "Neutron and Tritium Evidences in the Electrolytic Reduction of Deuterium on Pd Electrodes," *Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems*, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
520. Gozzi, P.L. Cignini, L. Petrucci, M. Tomellini, G. DeMaria, S. Frullani, F. Garibaldi, F. Ghio, M. Jodice (U. Roma), "Evidences for Associated Heat Generation and Nuclear Products Release in Palladium Heavy-water Electrolysis," *Il Nuovo Cimento*, vol. 103A, no. 1, January 1990, pp 143-154, 14 refs. (FF May 1990)
521. Gozzi, P.L. Cignini, and M. Tomellini (Universita "La Sapienza" Dipartimento di Chimica, Roma), S. Frullani, F. Garibaldi, F. Ghio, M. Jodice and G.M. Urciuoli (Istituto Superiore di Sanita and Sezione INFN-Sanita Laboratorio di Fisica, Roma), "Neutron and Tritium Evidence in the Electrolytic Reduction of Deuterium on Palladium Electrodes," *Fusion Technology*, vol. 21, no. 1, pp 60-74, 20 figs, 19 refs. (FF Jan. 1992)
522. Gozzi, P.L. Cignini and M. Tomellini (Dipartimento di Chimica, Universita "La Sapienza," Roma, Italy), S. Frullani, F. Garibaldi, F. Ghio, M. Jodice and G.M. Urciuoli (Lab. di Fisica, Istit. Superiore di Sanita and Sezione INFN, Roma, Italy), "Multicell Experiments for Searching Time-related Events in Cold Fusion," *The Science of Cold Fusion*, *Proceedings of the II Annual Conference on Cold Fusion*, Como, Italy, June 29-July 4, 1991, pp 21-47, 15 refs, 12 figs, 4 tables. (FF July 1991) (FF April 1992)
523. D. Gozzi. P.L. Cignini (U. "La Sapienza"), R. Caputo, and M. Tomellini (U. di Roma), E. Cisbani, S. Frullani, F. Garibaldi, M. Jodice and G.M. Urciuoli (Laboratorio di Fisica, Istituto Superiore di Sanita and Sez. Sanita INFN, Roma), "Experiment with Global Detection of the Cold Fusion Products," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Nov. 1992)
524. Rex Graham (Staff Writer), "Cold Fusion Experiment Yields Power - Los Alamos Researcher Duplicates Earlier Results," *Albuquerque Journal*, pp A1 & A4. (FF Aug. 1992)

525. J.R. Granada, R.E. Mayer, P.C. Florido, G. Guido, V.H. Gillette, S.F. Gomez, N. E. Patino and A. Larreteguy (Centro Atomico Bariloche, Argentina), "Neutron Measurements on Pd-D(2)O Electrolytic Cells under Pulsed Current Conditions," Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
526. J.R. Granada, R.E. Mayer, P.C. Florido, V.H. Gillette, and S.E. Gomez (U. Nacional de Cuyo, Rio Negro, Argentina), "Neutron Measurements on Electrolytic Cells Pd-D(2)O Performed under Very Low Background Conditions." Accepted for publication in Journal of Nuclear Science & Technology. Paper dated December 1989, 4 refs, 2 tables. (FF May 1990)
527. J.R. Granada, R.E. Mayer, G. Guido, P.C. Florido, A. Larreteguy, V.H. Gillette, N.E. Patino, J. Converti, and S.E. Gomez (U. Nacional de Cuyo, Rio Negro, Argentina), "Thermal Neutron Measurements on Electrolytic Cells with Deuterated Palladium Cathodes Subjected to a Pulsed Current," accepted for publication in Journal of Nuclear Science & Technology, 9 refs, 9 figs. (FF May 1990)
528. J.R. Granada, R.E. Mayer, P.C. Florido, G. Guido, V.H. Gillette, S.E. Gomez, N.E. Patino, A. Larreteguy (U. Nac. Cuyo, Argentina), "Neutron Measurements on Palladium-heavy Water Electrolytic Cells under Pulsed Current Conditions," Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems, Brigham Young University, October 22-24, 1990, pp 158-176. (FF Nov. 1991)
529. Peter Graneau, "Notes on the Possibility of Impact Fusion with Ampere Forces," Fusion Facts, December 1991, pp 16-18.
530. Peter Graneau (Northeastern U.) and Neal Graneau (U. of Oxford), "The Role of Ampere Forces in Nuclear Fusion," Physics Letters A, vol. 165, no. 1, May 4, 1992, pp 1-13, 10 figs, 29 refs. (FF June 1992)
531. Peter Graneau (Center for Electromagnetics Research, Northeastern U., Boston), "Heavy-water-arc Gun for Impact Fusion," Galilean Electrodynamics, July/Aug. 1992, vol. 3, no. 4, pp 63-65, 2 figs, 11 refs. (FF July 1992)
532. Evan Granite, Jacob Jorne and Howard Saltsburg (Dept. of Chemical Engineering, U. of Rochester, NY), "A Novel Method for Studying Electrochemically-induced Cold Fusion Using a Deuteron-conducting Solid Electrolyte," presented at Second Annual Conference on Cold Fusion, June 29-July 4, 1991, Como, Italy, Journal Electroanalytical Chem., Interfacial Electrochem., vol. 317, nos. 1-2, 1991, pp 285-290. (FF April 1992) (FF July 1991)
533. G.L. Greene et al., "Determination of the Neutron Magnetic Moment," Precision Measurement and Fundamental Constants II, B.N. Taylor and W.D. Phillips, Eds., U. S. Natl. Bur. Stand. Spec., Publication 617, pp 233-236, 1984.
534. P.T. Greenland (Harwell), "Issues Connected with Cold Fusion: a Room Temperature Mechanism for the Production of X-rays," Journal Physics B; Atomic, Molecular, and Optical Physics, 1990, vol. 23, no. 10, pp 1679-90. (FF Oct. 1990)

535. Lars Grasjo and Masahari Seo (Hokkaido U., Japan), "Measurement of Absorption of Hydrogen and Deuterium into Palladium During Electrolysis by a Quartz Crystal Microbalance," *J. Electroanalytical Chem.*, vol. 296, 1990, pp 233-239. (FF Feb. 1991)
536. K.H. Gronemeir, O. Kranz, (Tech. U. Braunschweig, Germany), "Calculation by Approximation of the Binding Energy of the Deuterium Nucleus," *Prax. Naturwiss., Phys.*, vol. 40, no. 8, 1991, pp 14-15. (FF April 1992)
537. V.M. Gryaznov (A.V. Topchiev Inst. of Petrochemical Synthesis, Russian Academy of Sciences, Moscow), "Platinum Metals as Components of Catalyst-membrane Systems," *Platinum Metals Rev.*, 1992, vol. 36, no. 2, pp 70-79, 6 figs. 47 refs. (FF July 1992)
538. M. Gryzinski (Institute for Nuclear Studies), "Can Monocrystalline Pd-electrode Help Cold Fusion?," *Fusion Facts*, July, 1990, p 12, 3 refs.
539. M. Gryzinski (Institute for Nuclear Studies, Otwock-Swierk, Poland), "Molecular Nature of Cold Fusion in Condensed Matter," *Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems*, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
540. Albert G. Gu, Robert K. F. Teng, Mark S. Miller, and Wayne J. Sprouse, "Preliminary Experimental Study on Cold Fusion Using Deuterium Gas and Deuterium Plasma in the Presence of Palladium," *Fusion Technology*, vol. 16, Sep. 1989, pp 248-250. (FF Sep. 1989)
541. D.M. Gualtieri and W.E. Wallace (Chem. Dept., U. of Pittsburgh), "Hydrogen Capacity and Crystallography of ErFe(2)-based and ErCo(2)-based Ternary Systems," *Journal of the Less-Common Metals*, vol. 55, pp 53-59, 1977 (received December 7, 1976), 4 refs. (FF Aug. 1990)
542. D.M. Gualtieri, K.S.V.L. Narasimhan and T. Takeshita (Chem. Dept. U. of Pittsburg), "Control of the Hydrogen Absorption and Desorption of Rare-earth Intermetallic Compounds," *Journal of Applied Physics*, vol. 47, no. 8, August 1976, pp 3432-3435, 8 refs. (FF Aug. 1990)
543. T.M. Gur, M. Schreiber, G. Lucier, J.A. Ferrante, J. Chao and R.A. Huggins (Stanford), "Experimental Considerations in Electrochemical Isoperibolic Calorimetry," *Proceedings of The First Annual Conference on Cold Fusion*, March 28-31, 1990, University of Utah Research Park, Salt Lake City, Utah. (FF Apr. 1990)
- 544.
545. Turgut M. Gur, Martha Schriber, George Lucier, Joseph Ferrante, Robert Huggins (Stanford U.), "Experimental Considerations Involved in the Generation of Excess Power as a Result of the Electrochemical Insertion of Hydrogen and Deuterium in Palladium," *Proceedings of the Cold Fusion Symposium, World Hydrogen Energy Conference #8*, Honolulu, Hawaii, July 22-27, 1990. (FF Aug. 1990)
546. S. Guruswamy and M.E. Wadsworth (U. of Utah, NCFI), "Metallurgical Aspects of Cold Fusion Experiments," *Proceedings of The First Annual Conference on Cold Fusion*,

- March 28-31, 1990, University of Utah Research Park, Salt Lake City, Utah. (FF Apr. 1990)
547. Sivaraman Guruswamy, Raj K. Rajamani, Jun Li, Milton E. Wadsworth, "Calorimetric Measurements During Electrochemical Loading of Deuterium in Palladium and Palladium Alloys," Investigation of Cold Fusion Phenomena in Deuterated Metals, Final Report, Volume I, 1991, pp 185-262, 7 tables, 32 figs, 18 refs. (FF Aug. 1991)
  548. Sivaraman Guruswamy, Michael K. McCarter, and Milton E. Wadsworth, "Explosive Compaction of Electrode Materials and Metal Deuterides," Investigation of Cold Fusion Phenomena in Deuterated Metals, Final Report, Volume I, 1991, pp 277-291, 6 figs, 9 refs. (FF Aug. 1991)
  549. Sivaraman Guruswamy, Jun Li, Narendran Karattup, "Measurement of D/Pd Ratio Using Dilatometry and Factors Influencing the Deuterium Loading Level," Investigation of Cold Fusion Phenomena in Deuterated Metals, Final Report, Volume I, 1991, pp 292-309, 13 figs, 7 refs. (FF Aug. 1991)
  550. Peter L. Hagelstein (Research Laboratory of Electronics, Massachusetts Institute of Technology), "Coherent Fusion Reaction Mechanisms," Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
  551. Peter L. Hagelstein (MIT), "Coherent Fusion Theory," presented at ASME Winter Meeting held in San Francisco, CA, Dec. 12, 1989. (FF Dec. 1989)
  552. Peter L. Hagelstein (MIT), "Status Report on Coherent Fusion Theory," Proceedings of The First Annual Conference on Cold Fusion, March 28-31, 1990, University of Utah Research Park, Salt Lake City, Utah. (FF Apr. 1990)
  553. Peter L. Hagelstein (summary by Hal Fox), "Status of Coherent Fusion Theory," Fusion Facts, May 1990, pp 4-6. [A non-mathematical summary of Hagelstein's paper.]
  554. Peter L. Hagelstein (MIT), "Coherent and Semi-coherent Neutron Transfer Reactions," The Science of Cold Fusion, Proceedings of the II Annual Conference on Cold Fusion, Como, Italy, June 29-July 4, 1991, pp 205-209, 1 ref, 1 fig. (FF July 1991) (FF April 1992)
  555. Peter L. Hagelstein (MIT), "Coherent and Semicoherent Neutron Transfer Reactions I: The Interaction Hamiltonian," Fusion Technology, vol. 22, no. 1, Aug. 1992, pp 172-180, 1 fig, 18 refs. (FF Aug. 1992)
  556. Peter L. Hagelstein (MIT Research Lab. of Electronics), "Coherent and Semi-coherent Neutron Transfer Reactions II: Transition Operators," submitted to Fusion Technology, to be published, 16 manuscripts pages, 14 refs. (FF Sep. 1992)
  557. Peter L. Hagelstein (MIT), "Coherent and Semi-coherent Neutron Transfer Reactions III: Phonon Generation," submitted to Fusion Technology, to be published, 17 manuscript pages, 3 refs. (FF Sep. 1992)
  558. Peter L. Hagelstein (MIT Research Lab. of Electronics), Giuliano Preparata (U. of Milano, Italy), Vitaliy A. Romodanov (Head Engr. SRI, SPA "Lutch", Russia), and Jean-

- Pierre Vigier (Lab. Physique Theorique, U. P. et M. Curie, Paris), were panel members.  
Topic: "Panel Discussion on Theoretical Model." (FF Nov. 1992)
559. Peter L. Hagelstein (MIT Research Lab. of Electronics), "Possible Instabilities in Heat Production," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
560. Peter L. Hagelstein (MIT Research Lab. of Electronics), "Coherence Effects: Theoretical Considerations," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
561. Peter L. Hagelstein (MIT Research Lab. of Electronics), "Coherent and Semi-Coherent Neutron Reactions," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
562. H. Hahn, J. Logas, H.J. Hofler, P. Kurath, R.S. Averback, "Low Temperature Sintering and Deformation of Nanocrystalline TiO(2)," Materials Res. Soc. Symposium Proc. Volume 196, Superplasticity in Metals, Ceramics, and Intermetallics, pp 71-76m, 6 figs, 35 refs. (FF June 1992)
563. W. Hajdas et al., "Search for Cold Fusion Events," Solid State Communications, vol. 72, 1989, pp 309-313.
564. W. Halley and J. L. Valles (School of Physical Astronomy, U. of Minnesota), "Estimate of Nuclear Fusion Rates Arising from a Molecular-dynamics Model of Palladium Deuteride," Physical Review B: Condensed Matter, 1990, vol. 41, no. 9, pp 6072-5. (FF July 1990)
565. David P. Hamilton (Ed. of ScienceScope), "SDI 'Supercapacitors' to See Civilian Application," Science, vol. 255, no. 5046, 14 Feb. 1992, p 787. (FF March 1992)
566. Peter H. Handel (U. of Missouri), "Influence of Surface Tension, Nucleation Centers, and Electron Effective Mass on the Achievable Level of Electrolytic Deuterium Loading," Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
567. Peter H. Handel (U. of Missouri), "Reformulation of the Cold Fusion Problem," Proceedings of The First Annual Conference on Cold Fusion, March 28-31, 1990, University of Utah Research Park, Salt Lake City, Utah. (FF Apr. 1990)
568. Peter H. Handel (U. of Missouri), "Intermittency, Irreproducibility, and the Main Physical Effects in Cold Fusion," Fusion Technology, vol. 18, no. 3, November 1990, p 512-517. (FF Dec. 1990)
569. Wilford N. Hansen (Utah State University, USA) and Michael E. Melich (Naval Postgraduate School, USA), "Some Lessons from 3 Years of Electrochemical Calorimetry," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
570. John N. Harb, William G. Pitt and H. Dennis Tolley (Brigham Young U.), "Statistical Analysis of Neutron Burst Size During Electrolysis of LiOD Solutions," Fusion Technology, vol. 18, no. 4, December 1990, pp 669-677. (FF Jan. 1991)

571. Hargital (Hungarian Academy of Sciences), "Considerations on Cold Nuclear Fusion in Palladium," *J. Radioanalytical Nucl. Chem., Letters*, vol. 137, no. 1, pp 17-22, 1989, 4 refs. (FF Feb. 1990)
572. P. Hari (New Delhi), "Cold Fusion - Fact or Fiction?," *The Economic Times*, Jan. 18, 1992, p 9 [previously printed in the December 1991 issue of *Indian Journal of Technology*]. (FF March 1992)
573. Mohamed Abdel Harith, Vincenzo Palleschi, Azenio Salvetti, Giuseppe Salvetti, Dharm Pal Singh, and Moreno Vaselli (Istituto di Fisica Atomica e Molecolare del C.N.R., Italy), "Theoretical and Experimental Studies on the Cold Nuclear Fusion Phenomena," *Fusion Technology*, vol. 17, no. 4, July 1990, pp 704-709, 16 refs. (FF July 1990)
574. Chas J. Harowitz, "Cold Nuclear Fusion in Metallic Hydrogen and Normal Metals," *Physical Review C., Nuclear Physics*, vol. 40, October 1989, pp R1555-8.
575. Hideo Hasegawa (Tokyo Gakugei U.), "Electron Correlation on Metallic Surfaces," *Jrnl. of Physics, Condensed Matter*, vol. 4, no. 4, 27 Jan. 92, pp 1047-1055, 22 refs, 4 figs. (FF March 1992)
576. Norifumi Hasegawa, Keiji Kunimatsu (IMRA Japan Co. Ltd., Sapporo, Japan), Tamio Ohi, Tosihisa Terasawa (Aisin Material R&S Co. Ltd., Kariya, Japan), "Observations of Excess Heat During Electrolysis of 1M LiOD in a Fuel-cell Type Closed Cell," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
577. Ryukiti R. Hasiguti (U. of Tokyo), "Materials Aspects, Especially Lattice Defects of Cold Nuclear Fusion," *C-MRS International Symposium Proceedings 1990*, publ. 1991, vol. 1, pp 183-8, edited by Kong and Huang, North-Holland, Amsterdam. (FF Dec. 1991)
578. A.B. Hassam (U. of Maryland) and A. N. Dharamsi (Old Dominion U., Virginia), "Deuterium Molecule in the Presence of Electronic Charge Concentrations: Implications for Cold Fusion," *Phys. Rev. A*, vol. 40, 1989, pp 6689-91. (FF Feb. 1991)
579. George D. Hathaway (Hathaway Consulting Services, Toronto), "Zero-point Energy: a New Prime Mover?, Engineering Requirements for Energy Production and Propulsions from Vacuum Fluctuations," *26th Intersociety of Energy Conversion Engineering Conference - 91 Proceedings*, Boston, Aug 4-9, 1991, vol. 4, pp 376-381, 28 refs. (FF Nov. 1991)
580. Nigel Hawkes, "Blowing Hot on Cold," *The Times (London)*, Aug. 10, 1991. (FF Sep. 1991)
581. N. Hawkins, S. Sh. Yi, X. Zh. Qi, X.D. Li, L. Wang, Q.X. Zu and X. Zhi. Li (Institute of Physics, Beijing, China), "Investigations of Mechanisms and Occurrence of Meteorologically Triggered Cold Fusion at the Chinese Academy of Sciences," *Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems*, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)

582. Nick Hawkins (Specialist Res. Ltd., London), "Possible Natural Cold Fusion in the Atmosphere," *Fusion Technology*, July 1991, vol. 19, no. 4, pp 2112-2113, 16 refs. (FF Nov. 1991)
583. Laurence Hecht (Associate Editor), "The Osaka Cell Design," *21st Century Science and Technology*, Summer 1992, vol. 5, no. 2, p 65, 14 figs. (FF Sep. 1992)
584. Marjorie M. Hecht, "Cold Fusion is Alive and Well," *21st Century Science and Technology*, Sep.-Oct. 1989. (FF Oct. 1989)
585. Marjorie Mazel Hecht, "Who's Trying to 'Spike' Cold Fusion Development?," *Fusion Facts*, July 1990, pp 16-17.
586. Marjorie Mazel Hecht, "Magnetic Fusion Subcommittee Sets Goal of 2025 for Fusion Power Plant," *Fusion Facts*, July 1990, pp 19-20.
587. Marjorie Hecht, "Cold Fusion Proceeding 'Calmly' in Japan," *21st Century Science and Technology*, vol. 3, no. 3, Summer 1990, pp 22-23 and 58. (FF Jan. 1991)
588. Marjorie Hecht, "'Something' is Producing Tritium and Excess Heat," *21st Century Science and Technology*, Spring 1990, pp 23-27. (FF June 1990)
589. Marge Hecht (*21st Century Science & Technology*), "New Technologies for Energy Utilization, Advanced and Innovative Concepts," printed in Final Program, 27th Intersociety Energy Conversion Engineering Conference, Aug. 3-7, 1992, Town & Country Hotel, San Diego, CA, p 3. (FF Sep. 1992)
590. Z. Henis et al., "Cold Nuclear Fusion Rates in Condensed Matter: a Phenomenological Analysis," *J. Phys. G*, vol. 15, 1989, pp L219-223. (FF Feb. 1991)
591. Carl Hering (Fellow, A.I.E.E, Consulting EE, Philadelphia), "Electromagnetic Forces: a Search for More Rational Fundamentals; a Proposed Revision of the Laws," originally published *Trans Am. Inst. Elect. Engineers*, vol. 42, no. 311, 1923, pp 311-325, 17 figs. Reprinted in *Deutsche Physik*, vol. 1, no. 3, July-Sep. 1992, pp 41-50 with Editor's Comments. (FF April 1992)
592. M. Hietschold (Tech. U., Karl-Marx Stadt), "Electric Field Control for Cold Nuclear Fusion? - a Suggestion," *Wiss, Z. Tech., U. Karl-Marx-Stadt*, 1989, vol. 31, no. 4, pp 635-636. (FF May 1990)
593. Charles M. Hill, "Maxwell's Equations in Moving Coordinates," *Galilean Electrodynamics*, Jan./Feb. 1991, vol. 3, no. 1, pp 13-15, 2 refs. (FF Dec. 1991)
594. D.J. Hinde, D. Hilscher, H. Rossner, B. Gebauer, M. Lehmann, M. Wilpert (Hahn-Meitner-Inst., Berlin), "Neutron Emission as a Probe of Fusion-fission and Quasifission Dynamics," *Phys. Rev. C: Nucl. Phys.*, vol. 45, no. 3, 1992, pp 1229-59. (FF June 1992)
595. Hjorvarsson (Dept. of Physics, U. of Uppsala, Sweden), "Hydrogen Vibrations on Surface; MeV Energy Shifts Studied by MeV Nuclear Resonance Reactions." Abstracts of selected papers from the International Symposium on Metal-hydrogen Systems, Fundamentals and Applications. (FF Aug. 1992)

596. Constance Holden (Editor of Random Samples), "Fusion Explosion Mystery Solved," *Science*, vol. 257, no. 50666, 3 July 1992, p 27. (FF Aug. 1992)
597. Zhou Hongyu, Wen Chenlin, Rong Yanin, Fan Guoying, Yan Hua, Zhou Weidong, Wang Dachun, Hua Ming, Liu Shuzhen and Han Zhuen (Institute of Low Energy Nuclear Physics, Beijing Normal University), Wu Zhongda, Yu Runhu and Liu Zhanghao (Chemical Department, Beijing Normal University), Ren Guoxiao (Institute of High Energy Physics, Chinese Academy of Sciences), "Some Results on Cold Fusion Research," *The Science of Cold Fusion, Proceedings of the II Annual Conference on Cold Fusion, Como, Italy, June 29-July 4, 1991*, pp 49-54, 6 refs, 4 figs. (FF July 1991) (FF April 1992)
598. H. Hora and L. Cicchitelli (Dept. of Theoretical Physics, U. of New South Wales, Kensington, Sydney, Australia), G.H. Miley and M. Ragheb (Fusion Studies Lab., U. of Illinois, Urbana), A. Scharmann and W. Scheid (Fachbereich Physik, U. of Giessen, B.R.D.), "Plasma and Surface Tension Model for Explaining the Surface Effect of Tritium Generation at Cold Fusion," *Il Nuovo Cimento*, vol. 12D, no. 3, March 1990, pp 394-399, 16 refs. (FF Sep. 1990)
599. Horanyi (Hungarian Academy of Sciences), "Some Basic Electrochemistry and the Cold Nuclear Fusion of Deuterium," *J. Radioanalytical Nucl. Chem., Letters*, vol. 137, no. 1, pp 23-26, 1989, 4 refs. (FF Feb. 1990)
600. John Horgan, "Japan, Cold Fusion and Lyndon LaRouche," *Scientific American*, May 1992, p 53, in depressed journalese. (FF May 1992)
601. John Horgan (staff writer), "Gravity Quantized," *Scientific American*, Sep. 1992, pp 18-19. (FF Sep. 1992)
602. Charles J. Horowitz (Indiana U.), "Cold Nuclear Fusion in Metallic Hydrogen and Normal Metals," *Phys. Rev. C*, vol. 40, 1989, pp R1555-8. (FF Feb. 1991)
603. Reed A. Howald, "Calculations on the Palladium-lithium System for Cold Fusion," *CALPHAD*, vol. 14, 1990, pp 1-10. (FF Feb. 1991)
604. C-H Hsu, B.E. Larson, M. El-Batanouny and C.R. Willis (Dept. Phys., Boston U., USA), K.M. Maritni (Dept. Phys. and Astro., U. of Mass., USA), "Evidence of Quantum Motion of Hydrogen on Pd(111) in Helium-diffraction Data," *Physical Review Letters*, vol. 66, no. 24, pp 3164-3167, 3 figs, 16 refs, 17 June 1991. (FF Oct. 1991)
605. Ning Huang, Quing-Hua Gao, Bor Yann Liaw, Authur Seki, Bruce Liebert (U. Hawaii), "Effects of Light-water Additions of Excess Heat Generation in Palladium-deuterium System," *Proceedings of the Cold Fusion Symposium, World Hydrogen Energy Conference #8, Honolulu, Hawaii, July 22-27, 1990*. (FF Aug. 1990)
606. Andrew E. Huber, "Induced Currents in Pd Cathode," *Fusion Facts*, Feb. 1990, p 20.
607. G.K. Hubler and G.P. Chambers (Naval Research Lab., Washington, D.C., USA), "Search for Anomalous Nuclear Emissions by Means of Ion Beam Charging of Metals," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)



608. Robert A. Huggins (Stanford University), "Recent Stanford Work on Excess Heat Generation During Electrochemical Insertion of Deuterium into Palladium," presented at ASME Winter Meeting held in San Francisco, CA, Dec. 12, 1989. (FF Dec. 1989)
609. Robert A. Huggins (Stanford), Werner Wepner (FRG), "Fundamental Considerations Relating to the Electrochemical Insertion of Hydrogen and Palladium into Mixed Conductors," Proceedings of the Cold Fusion Symposium, World Hydrogen Energy Conference #8, Honolulu, Hawaii, July 22-27, 1990, pp 181-213. (FF Aug. 1990) (FF Dec. 1990)
610. Mark Hugo, "Cold Fusion: What's the Problem?," Fusion Facts, August 1992, p 20.
611. John R. Huizenga (U. of Rochester), Cold Fusion: The Scientific Fiasco of the Century, copyright by author 1992, published by University of Rochester Press, 3 pictures, 4 tables, 259 pages. (FF May 1992)
612. John R. Huizenga (U. of Rochester, Rochester, NY), "Cold Fusion Claims," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Nov. 1992)
613. Margaret Hunt (Assoc. Ed.), "Casting About for New Applications," Materials Engineering, May 1990, pp 33-37. (FF June 1990)
614. James B. Hunter, "Cold Fusion and Palladium Silver Alloys," Fusion Facts, August 1991, pp 17-18.
615. J.J. Hurtak (Hawaiian Co.), "Industrial Applications of Cold Fusion," Proceedings of the Cold Fusion Symposium, World Hydrogen Energy Conference #8, Honolulu, Hawaii, July 22-27, 1990. (FF Aug. 1990)
616. D.P. Hutchinson, C.A. Bennett, R.K. Richards, J. Bullock IV and G.L. Powell (ORNL), "Initial Calorimetry Experiments in the Physics Division at ORNL," Proceedings of The First Annual Conference on Cold Fusion, March 28-31, 1990, University of Utah Research Park, Salt Lake City, Utah. (FF Apr. 1990)
- 617.
618. Iazzi (U. of Torino, Italy), "Neutrons Detected Using TOF," Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
619. S. Ichimaru, A. Nakano, S. Ogata (U. of Tokyo), H. Iyetomi (Argonne National Laboratory), and T. Tajima (U. Texas-Austin), "Screening of the Hybridized 4d-1s Electrons in PdD(x) and Nuclear Reaction Rates between Hydrogen Isotopes," Institute for Fusion Studies, U. of Texas at Austin, Paper IFSR #376, June 1989, 15 refs. (FF Feb. 1990)
620. S. Ichimaru, A. Nakano, S. Ogata, H. Iyetomi (U. of Tokyo), and T. Tajima (U. Texas-Austin), "Statistical-mechanical Theory of Cold Nuclear Fusion in Metal Hydrides," Institute for Fusion Studies, U. of Texas at Austin, Paper IFSR #379-R, Sep. 1989, 25 refs. (FF Feb. 1990)

621. S. Ichimaru, S. Ogata, A. Nakano, H. Iyetomi (U. of Tokyo), and T. Tajima (U. Texas-Austin), "Monte Carlo Simulation Study of Short-range Correlations between Itinerant Hydrogen in Lattice Fields: Application to 'Cold Fusion'," Institute for Fusion Studies, U. of Texas at Austin, Paper IFSR #397, Sep. 1989, 15 refs. (FF Feb. 1990)
622. Setsuo Ichimaru, Shuji Ogata and Aiichiro Nakano (U. of Tokyo), "Rates of Nuclear Fusion in Metal Hydrides," J. Physical Society Japan, vol. 59, 1990, pp 3904-3915 (FF Feb. 1991)
623. Setsuo Ichimaru (Department of Physics, University of Tokyo), "Cold Nuclear Fusion in Pressurized Liquid Metals," Journal of the Physical Society of Japan, vol. 60, no. 5, pp 1437-1440. (FF Sep. 1991)
624. Setsuo Ichimaru, Shuji Ogata, Aiichiro Nakano, Hiroshi Iyetomi (Dept. of Phys., U. of Tokyo, Japan), Toshiki Tajima (Dept. Phys. and Inst. Fusion Studies, U. of Texas, USA), "Statistical-mechanical Effects on Cold Nuclear Fusion in Metal Hydrides," Strongly Coupled Plasma Physics, 1990, pp 653-656, 4 figs, 4 refs. (FF Nov. 1991)
625. Toshiyuki Iida, Morio Fukuhara, Hiroaki Miyazaki, Yasuhiro Sueyoshi, Hun Datemichi, and Akito Takahashi (Dept. of Nuclear Engineering, Faculty of Engineering, Osaka U.), "Deuteron Fusion Experiment with Pd Foils Implanted with Deuteron Beams," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Nov. 1992)
626. Ikegami, "A Review of Japanese Work," Fusion Facts, Sep. 1991, pp 17-9. Information from 13 research locations.
627. Ikegami, "Cold Fusion Researches in Japan," The Science of Cold Fusion, Proceedings of the II Annual Conference on Cold Fusion, Como, Italy, June 29-July 4, 1991, pp 297-307, 16 figs, 1 table. (FF April 1992)
628. Radomir Ilic, Joze Rant, Tomaz Sutej, Mirko Dobersek, Edvard Kristof, Jure Skvarc and Matjaz Kozelj (J. Stefan Institute, E. Kardelj U., Ljubljana, Yugoslavia), "Investigations of the Deuterium-deuterium Fusion Reaction in Cast, Annealed, and Cold-rolled Palladium," Fusion Technology, vol. 18, no. 3, November 1990, pp 505-511. (FF Jan. 1991)
629. Shiuji Inomata (President of Japan Psychotronics Institute), "Paradigm of New Science," talk given at ETH, Zurich. (FF May 1992)
630. Shigeru Isagawa, Yukio Kanda and Takenori Suzuki (National Lab. for High Energy Physics, Ibaraki-ken, Japan), "Search for Excess Heat, Neutron Emission and Tritium Yield from Electrochemically Charged Palladium in D(2)O," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
631. H. Ishida and A. Liebsch (Inst. fur Festkorperforschung, Julich), "Electronic Excitations in Thin Alkali-metal Layers Adsorbed on Metal Surfaces," Phys. Rev. B, vol. 45, no. 11, 15 Mar. 1992, pp 6171-87, 11 figs, 63 refs. (FF April 1992)

632. P.K. Iyengar (BARC, India), "Cold Fusion Results in BARC Experiments," presented at Fifth International Conference on Emerging Nuclear Energy Systems (ICENES V), Karlsruhe, Federal Republic of Germany, July 3-6, 1989. (FF Oct. 1989)
633. P.K. Iyengar and M. Srinivasan (BARC), "Overview of BARC Studies in Cold Fusion," Proceedings of The First Annual Conference on Cold Fusion, March 28-31, 1990, University of Utah Research Park, Salt Lake City, Utah. (FF Apr. 1990)
634. P.K. Iyengar, M. Srinivasan, S.K. Sikka, A. Shyam, V. Chitra, L.V. Kulkarni, R.K. Rout, M.S. Krishnan, S.K. Malhotra, D.G. Nayar, S.K. Nitra, P. Raghunathan, V.B. Nagvenkar, T.P. Radhakrishnan, R. Sundaresan, J. Arunachalam, V.S. Raju, R. Kalyanaraman, S. Gangadharan, G. Venkateswaran, P.N. Moorthy, K.S. Venkateswarlu, B. Yuvaraju, K. Kishore, S.N. Guha, M.S. Panajkar, K.A. Rao, P. Raj, P. Suryanarayana, A. Sankaranarayanan, R.S. Shetiya, N. Veeraraghavan, T.S. Murthy, B.K. Sen, P.V. Joshi, K.G.B. Sharma, T.B. Joseph, T.S. Iyengar, V.K. Shrikhande, K.C. Mittal, S.C. Misra, M. Lal, and P.S. Rao (BARC, Trombay, Bombay, India), "Bhabha Atomic Research Centre Studies in Cold Fusion," Fusion Technology, vol. 18, no. 1, August 1990, pp 32-94, 16 papers, many refs. (FF Sep. 1990)
635. Tatsuo Izumida, Yoshihiro Ozawa, Kunio Ozawa, Shigeru Izumi, Shunsuke Uchida, Tomohiko Miyamoto, Hisao Yamashita and Hiroshi Miyadera (Hitachi Ltd.), "A Search for Neutron Emission from Cold Nuclear Fusion in a Titanium-deuterium System," Fusion Technology, vol. 18, no. 4, December 1990, pp 641-6. (FF Jan. 1991)
636. Marc Thierry Jackel and Serge Reynaud (Paris, France), "Casimir Force between Partially Transmitting Mirrors," J. Phys. I France 1, vol. 1, no. 10, October 1991, pp 1395-1409, 20 refs. (FF Nov. 1991)
637. J.C. Jackson (U. of Cambridge, UK), "Cold Fusion Results Still Unexplained," Nature, vol. 339, 1989, p 345. (FF Feb. 1991)
638. JoAnn Jacobsen-Wells, "Los Alamos Verifies Tritium Production in Cold Fusion Tests," Deseret News, Dec. 23, 1989. (FF Jan. 1990)
639. M. Jandel, "Reactivation of Muon-catalyzed Fusion under Plasma Conditions," Physical Review A, vol. 49, Sep. 1, 1989, 2799-2827.
640. M. Jandel, "Probing the Nature of Sticking in Muon Catalyzed Fusion with Laminated Targets," Nuclear Instruments and Methods in Physics Research, vol. A281, Aug. 20, 1989, pp 246-249.
641. Magnus Jandel (Royal Institute of Technology, Stockholm, Sweden), "Pressure Enhanced Fusion Rates in Lattice Channels," Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
642. Magnus Jandel (Manne Siegbahn Institute of Physics, Stockholm), "Cold Fusion in a Confining Phase of Quantum Electrodynamics," Fusion Technology, vol. 17, no. 3, May 1990, pp 493-499, 39 refs. (FF May 1990)

643. Magnus Jandel (Royal Inst. of Tech., Stockholm), "The Fusion Rate in the Transmission Resonance Model," *Fusion Technology*, vol. 21, no. 2, March 1992, pp 176-178, 8 refs, 1 fig. (FF March 1992) (FF July 1991)
644. A.F. Jankowski, M.A. Wall and P.E.A. Turchi (Lawrence Livermore Nat'l. Lab., CA), "Crystallization of Amorphous Ti-Pd," *Journal of the Less-Common Metals*, vol. 161, no. 1, June 1990, pp 225-124, 17 refs. (FF July 1990) (FF July 1992)
645. A.F. Jankowski (Lawrence Livermore Nat'l. Lab., Chem. and Materials Science), "A15 Structure Formation in Ti-Pd," *J. of Alloys & Compounds*, vol. 182, no. 1, April 9, 1992, pp 35-42, 7 figs, 7 refs. (FF July 1992)
646. K.S. Jayaraman (New Delhi), "Singh Shifts India Towards Nationalism," *Nature*, vol. 342, 14 December 1989, p 723. (FF Jan. 1990)
647. Carl Jensen (Salt Lake City, Utah), "Annihilation Reaction?," *Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems*, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
648. Gregory Jerkiewicz (U. de Sherbrooke, Dept. of Chem., Sherbrooke, Canada), "Electrochemical and Chemical Aspects of Metal-hydrogen Systems," abstracts of selected papers from the International Symposium on Metal-hydrogen Systems, Fundamentals and Applications, Uppsala, Sweden, June 8-12, 1992. (FF Aug. 1992)
649. N. Jevtic, S. Miljanic, S. Pesic, J. Dobrosavljevic and J. Pupezin (Boris Kidric Institute of Nuclear Sciences, Beograd, Yugoslavia), "The Change in the Isotope Ratio and a Spectroscopic Analysis of the Gas from Gas Load Experiments," *Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems*, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
650. X. Jiang (Langhorn U., China) and L.J. Han (Lanzhou U., China), "Theory of Micropinch," *Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems*, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
651. He Jianyu, Zhu Rongbao, Wang Xiaozhong, Lu Feng, Luo Longjun, Liu Hengjun, Jiang Jincal, Tian Baosheng, Chen Guoan, Yuan Yuan, Dong Baiting, Yang Liucheng, Qiao Shengzhong, Yi Guoan, Guo Hua, and Ding Dazhao (China Inst. of Atomic Energy, Beijing), "Experimental Study on Anomalous Neutron Production in Deuterium/Solid System," *Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems*, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
652. Shangxian Jin, Yibing Ding, Baiiu Wu, Yongzhen Biu, Decheng Yao (Grad. Sch., Acad. Sin., Beijing), "The Possibilities of Electrochemically Induced Nuclear Fusion of Deuterium," *Sci. China, Ser. A*, 1991, vol. 34, no. 6, pp 697-707. (FF Jan. 1992)
653. Shangxian Jin, Fuxiang Zhang, Decheng Yao, and Baiiu Wu (Dept. of Physics, Academia Sinica, Beijing, China), "Anomalous Nuclear Effects in Deuterium-palladium Systems," *The Science of Cold Fusion*, *Proceedings of the II Annual Conference on Cold Fusion*, Como, Italy, June 29-July 4, 1991, pp 145-149, 6 refs, 4 figs. (FF April 1992) (FF July 1991)

654. John T. John, P.K. De and H.S. Gadiyar (BARC, Trombay, Bombay), "High Temperature Cathodic Charging of Hydrogen in Zirconium Alloys and Iron and Nickel Base Alloys," BARC-1544, Government of India, Atomic Energy Commission, 1991, 42 pages, 21 figs, 16 refs, available from BARC Atomic Research Centre, Trombay, Bombay, India. (FF Nov. 1991)
655. A.D. Johnson, S.P. Daley, A.L. Utz and S.T. Cyer (Dept. of Chem., MIT), "The Chemistry of Bulk Hydrogen: Reaction of Hydrogen Embedded in Nickel with Adsorbed CH(3)," *Science*, vol. 257, no. 5067, July 10, 1992, pp 223-5, 4 figs, 18 refs. (FF Aug. 1992)
656. K.H. Johnson and D.P. Clougherty, "Hydrogen-hydrogen/Deuterium-deuterium Bonding in Palladium and the Superconducting/Electrochemical Properties of PdH<sub>x</sub>/PdD<sub>x</sub>," *Modern Physics Letters B*, vol. 3, no. 10, pp 795-803, 1989. (FF Oct. 1989)
657. Steven E. Jones, E. Paul Palmer, J. Bart Czirr, Daniel Decker, Gary Jensen, James Thorne, Stuart Taylor, Douglas Bennion, William Pitt, John Harb, Dennis Tolley, J.C. Wang, Russel Hunter, David Buehler (Brigham Young University), Howard Menlove, Michael Paciotti (Los Alamos National Laboratory), Peter Jeschovnic (Colorado Mountain College), "Investigation of Anomalous Particle Emissions in Solid/Deuterium Systems," *Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems*, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
658. Steven E. Jones (BYU), "Recent Progress in Condensed Matter Fusion," *Proceeding of the Cold Fusion Symposium, World Hydrogen Energy Conference #8*, Honolulu, Hawaii, July 22-27, 1990. (FF Aug. 1990)
659. Steven E. Jones and C. DeW. Van Siclen, "Piezonuclear Fusion in Isotropic Hydrogen Molecules," *Journal of Physics G: Nuclear Physics*, March 1986. (FF July 1989)
660. Steven E. Jones, E. P. Palmer, J. B. Czirr, D. L. Decker, G. L. Jensen, J. M. Thorne, S. F. Taylor, and J. Rafelski (BYU), "Observation of Cold Nuclear Fusion in Condensed Matter," *Nature*, vol. 338, pp 737-40, 1989.
661. Steven E. Jones (BYU), "Cold Nuclear Fusion in Condensed Matter: Recent Results and Open Questions," *Proceedings of The First Annual Conference on Cold Fusion*, March 28-31, 1990, University of Utah Research Park, Salt Lake City, Utah. (FF Apr. 1990)
662. Steven E. Jones (BYU, Provo), "Current Issues in Cold Fusion Research: Heat, Helium, Tririum, and Energetic Particles," *Surf. Coat. Technology*, 1992, vol. 51, no. 1-3, pp 283-9, 3 tables, 18 refs. (FF Sep. 1991) (FF Aug. 1992)
663. Steven E. Jones (Dept. of Physics and Astronomy, BYU, Provo, Utah USA), "Update on BYU Research," presented at the *Third International Conference on Cold Fusion*, October 21-25, 1992, Nagoya, Japan. (FF Nov. 1992)
664. C.K. Jorgensen, "Scenarios for Nuclear Fusion in Palladium-deuterium Alloys at Ambient Temperature," *Chimia* vol. 43, May 1989, pp 142-3.

665. Jacob Jorne, "Unsteady Diffusion Reaction of Electrochemically Produced Deuterium in Palladium Rod," *Journal of the Electrochemical Society*, vol. 137, January 1990, pp 369-70.
666. Jacob Jorne (U. of Rochester), "Neutrons Emission from Palladium Deuteride under Supercritical Conditions," *Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems*, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
667. Jacob Jorne (U. of Rochester), "Electrochemically Induced Nuclear Fusion of Deuterium: the Existence of Negatively Chaged Deuteride Ions," *Fusion Technology*, vol. 18, no. 3, November 1990, pp 519-522. (FF Dec. 1990)
668. Jacob Jorne (U. of Rochester), "Neutron and Gamma-ray Emission from Palladium Deuteride under Supercritical Conditions," *Fusion Technology*, vol. 19, March 1991, pp 371-4. (FF March 1991)
669. Earl C. Joseph (Editor), "Economic Driven Futures, Manufacturing Change and Futures," *Future Trend Newsletter*, Sep. 1992, vol. 23, no. 7, p 1, published by Minnesota Futurists, a Chapter of the World Future Society. (FF Sep. 1992)
670. T.R. Jow, S. Slane, E.J. Plichta, C.W. Walker, S. Gilman (Electronic Technologies Devices Lab., Fort Monmouth, NJ), "Calorimetric Investigation of Deuterated Palladium Electrodes," Report 1991, slcet-tr-91-17, 22 pages. (FF Oct. 1992)
671. Kadir, M. Kritikos, D. Noreus and A.F. Andresen (Dept. of Structural Chem., Stockholm U.), "Metallic Properties in the Series  $K(2)Pd(II)H(4)$ ,  $Na(2)Pd(0)H(2)$ , and  $Li(2)Pd(0)H(2)$  Correlated with the Stabilization of a Formally Zero-valent Palladium-hydrogen Complex," *J. of Less-Common Metals*, vol. 172-174, pp 36-41, 2 figs, 10 refs, Aug. 20, 1991. (FF Oct. 1991)
672. Kabir Kaliev, Aleksey Baraboshkin, A.L. Samgin, E. Golidov, A. Shalyapin, V. Andreev, and P.I. Golubnichyi (Inst. of High-Temperature Electrochemistry, Ekaterinburg), "Reproduced Nuclear Reactions During Interaction of Deuterium with Oxide Tungsten Bronze," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Nov. 1992)
673. Kohji Kamada (Nat. Inst. for Fusion Science Furo-cho, Nagoya, Japan), "Electron Impact H-H and D-D Fusions in Molecules Embedded in Al," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
674. H. W. Kamm et al., "Search for Neutrons from a Titanium-deuterium System," *Fusion Technology*, vol. 16, November 1989, pp 3401-3.
675. A.B. Karabut, Ya. R. Kucherov, I.B. Savvatimova (Scientific Industrial Association "Lutch", Podolsk, Moscow), "The Investigation of Deuterium Nuclei Fusion at Glow Discharge Cathode," author's manuscript, publication unknown, 12 manuscript pages, 9 refs, 4 figs. (FF July 1992)

676. A.B. Karabut, Ya. R. Kucherov, I.B. Savvatimova (Lutch Association, Podolsk, Moscow Region), "Gamma-spectrometry at Glow Discharge in Deuterium," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Nov. 1992)
677. R.M. Karlsrud (Pacific NW Lab., Richland, WA), "Cold Fusion Catalyzed by Muons and Electrons," Energy Res Abstr., vol. 15, no. 23, abstract no. 52517, 1990. (FF Oct. 1991)
678. S.Yu. Karpov, Yu.V. Koval'chuk, V.E. Myachin, Yu.V. Pogorel'skii (Fiz.-Tekh. Inst. Im. Ioffe, Leningrad, USSR), "Possible Mechanism of Cold Nuclear Fusion," Pis'ma Zh. Tekh. Fiz, vol. 16, no. 5, 1990, pp 91-4, in Russian. (FF Sep. 1990)
679. Kasagi, K Ishii, M. Hiraga and K. Yoshihara (Tohoku U.), "Observations of High Energy Protons Emitted in the TiDx + d Reaction at ED = 150 keV," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Nov. 1992)
680. Kasagi, K. Ishii, M. Hiraga and K. Yoshihara (Tohoku U., Sendai, Japan), "Anomalous Concentration of  $^3\text{He}$  in TiD(x) Observed in Deuteron Bombardment," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
681. George B. Kauffman (Prof. of Chem., California State U., Fresno), "Applied Chemistry - Cold Fusion," 1993 Yearbook of Science and the Future, Encyclopedia Britannica, pp 305-6. (FF July 1992)
682. T.C. Kaushik, M. Srinivasan, and A. Shyam, "Fracture Phenomena in Crystalline Solids: a Brief Review in the Context of Cold Fusion," BARC Studies in Cold Fusion (April-Sep. 1989), 3 pages, 22 refs. (FF Feb. 1990)
683. T.C. Kaushik, A. Shyam, M. Srinivasan, R.K. Rout, L.V. Kulkarni, M.S. Krishnan, S.K. Malhorta, V.B. Nagvenkar (Bhabha Atomic Research Centre, Bombay), "Preliminary Report on Direct Measurement of Tritium in Liquid Nitrogen-treated Deuterated Titanium (TiD(X)) Chips," Indian Journal of Technology, 1990, vol. 28, no. 12, pp 667-73. (FF Dec. 1990) (FF Nov. 1991)
684. Hiroshi Kawai (At. Energy Res. Inst., Kinki U., Osaka), "Profile of the Cold Nuclear Fusion Fever," Kinki Daigaku Genshiryoku Kenkyusho Nenpo, vol. 27, pp 19-22, 1990, in Japanese. (FF Oct. 1991)
685. Bruce D. Kay, Keith R. Lykke, and Richard J. Buss (Sandia Nat'l Labs., Albuquerque, NM), "Problems with the Mass Spectrometric Determination of Tritium from Cold Fusion," Journal of Fusion Energy, vol. 9, no. 4, 1990, pp 491-3, 11 refs. (FF June 1991) (FF Oct. 1991)
686. W.D. Kay (Political Science, Northeastern U., Boston), "The Politics of Fusion Research," Issues in Science and Technology, vol. VIII, no. 2, Winter 1991-1992, pp 40-6, 8 refs. (FF Feb. 1992)
687. R.G. Keesing, R.C. Greenhow, M.D. Cohler (U. of York, United Kingdom), and A.J. McQuillan (U. of Otago, New Zealand), "Thermal, Thermoelectric, and Cathode

- Poisoning Effects in Cold Fusion Experiments," Fusion Technology, vol. 19, March 1991, pp 375-9. (FF March 1991)
688. Oguro Keisuke (Osaka Kogyo Gijutsu Skikenjo), "Hydrogen Absorbing Alloys and Low-temperature Nuclear Fusion," Zairyo, 1990, vol. 39, no. 437, pp 228-9, in Japanese. (FF Oct. 1990)
689. Donald A. Kelly (Space Energy Association, Clearwater, Florida), "The Enhanced Tank Circuit as a Free Energy Module," 26th Intersociety of Energy Conversion Engineering Conference - 91 Proceedings, Boston, Aug. 4-9, 1991, vol. 4, pp 424-8, 3 refs. (FF Nov. 1991)
690. John P. Kenny, "Electropionics and Fusion," Fusion Technology, vol. 19, no. 3, May 1991, pp 547-51. (FF May 1991)
691. Hafsa Khan and Pervez Hoodbhoy (Quaid-i-Azam U., Islamabad), "Convenient Parameterization for Deep Inelastic Structure Functions of the Deuteron," Physical Review C, vol. 44, no. 3, pp 1219-22, 3 figs, 8 refs. (FF Nov. 1991)
692. Khorozova, R. Semkova, G. Shterev (Bulgaria), "Effect of the Carrier on the Electrocatalytic Activity of Palladium Alloys," Nauchni Tr. - Plovdivski U., 1988, no. 26 (5, Khim.), pp 193-207, in Bulgarian. (FF Jan. 1992)
693. Eiji Kikuchi, Kiyoshi Nomura, Norio Nogawa, Hideo Saito, Kiminori Itoh, Hiroshi Niikura, Masayuki Murabayashi (U. of Tokyo, Japan), "Effect of Charging Current Density on Release Characteristics of Tritium from Palladium," Denki Kagaku Oyobi Kogyo Butsuri Kagaku, vol. 59, no. 10, 1991, pp 880-4. (FF April 1992)
694. Yeong E. Kim (Purdue University, Indiana), "Neutron Burst from High Voltage Discharge between Palladium Electrodes in D(2) Gas," Fusion Technology, vol. 18, no.4, Dec. 1990, pp 680-2, 12 refs. Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems, Brigham Young University, October 22-24, 1990. Dept. of Physics Paper PNTG-90-6, February 1990. (FF Nov. 1990) (FF Oct. 1990) (FF Jan. 1991) (FF March 1990).
695. Yeong E. Kim (Purdue University, Indiana), "The Efimov Effect and the Anomalous Branching Ratio for Deuterium Fusion Reactions," Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
696. Y.E. Kim (Purdue University, Indiana), "Hysteresis Effect and Fusion Burst Phenomena in Electrolysis and Gas/Solid-state Fusion Experiments," Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
697. Yeong E. Kim (Purdue University, Indiana), "A Surface Fusion Mechanism and Optimal Conditions for Deuterium Fusion with Gas/Solid-state Fusion Devices," Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)



698. Yeong E. Kim (Purdue University, Indiana), "Nuclear Theory Hypotheses for 'Cold Fusion'," invited talk presented at NSF/EPRI Workshop on Anomalous Effects in Deuterated Metals, Washington, D.C., October 16-8, 1989. (To be published in the proceedings.) (FF Jan. 1990)
699. Yeong E. Kim (Purdue University, Indiana), "Comment on 'Cluster-Impact Fusion'," Department of Physics, Purdue, West Lafayette, IN 47907, paper PNTG-89-11, October 1989. (FF Jan. 1990)
700. Yeong E. Kim (Dept. of Physics, Purdue University, Indiana), "Neutron-induced Photonuclear Chain Reaction Process in Palladium Deuteride," unpublished paper PNTG-89-7, July 1989, 11 pages, 15 refs. (FF Feb. 1990)
701. Yeong E. Kim (Purdue University, Indiana), "Fission-induced Inertial Confinement Hot Fusion and Cold Fusion with Electrolysis," to be published in Laser Interaction and Related Plasma Phenomena, vol. 9, 24 refs. (FF Feb. 1990)
702. Yeong E. Kim, Robert A. Rice, and Gary S. Chulick (Purdue University, Indiana), "The Role of the Low-energy Proton-deuteron Fusion Cross-section in Physical Processes," Dept. of Physics Paper PNTG-90-7, Feb. 1990, 18 pages, 25 refs. Fusion Technology, vol. 19, no.1, January 1990, pp 174-7. (FF Mar. 1990) (FF Jan. 1991)
703. Yeong E. Kim (Purdue University, Indiana), "Surface Reaction Mechanism for Cold Fusion with Electrolysis," Proceedings of The First Annual Conference on Cold Fusion, March 28-31, 1990, University of Utah Research Park, Salt Lake City, Utah. (FF Apr. 1990)
704. Yeong E. Kim (Purdue University, Indiana), "Cross Section for Cold Deuterium-deuterium Fusion," Fusion Technology, vol. 17, no. 3, May 1990, pp 507-508, 8 refs. (FF May 1990)
705. Yeong E. Kim (Purdue University, Indiana), "Nuclear Physics Interpretation of Cold Fusion and Optimal Designs for Gas/Solid-state Fusion Device," Proceedings of the Cold Fusion Symposium, World Hydrogen Energy Conference #8, Honolulu, Hawaii, July 22-27, 1990, 10 pages, 40 refs. [Paper is available from the author as PNTG-90-12, July 1990, Dept. of Physics, Purdue U., W. Lafayette, Indiana 47907.] (FF Aug. 1990)
706. Yeong E. Kim (Purdue University, Indiana), "Surface Reaction Mechanism for Deuterium-deuterium Fusion with a Gas/Solid-state Fusion Device," Fusion Technology, vol. 19, no. 3, May 1991, pp 558-66. (FF May 1991)
707. Y.E. Kim, (Purdue University, Indiana), "Time-delayed Apparent Excess Heat Generation in Electrolysis Fusion Experiments," Purdue University Physics Dept. paper PNTG-90-16, October 1990, to be published in Mod. Phys. Letters A. (FF May 1991)
708. Yeong E. Kim (Dept. of Physics, Purdue University, Indiana) and Mario Rabinowitz (EPRI, Palo Alto, CA), "Non-equilibrium Acceleration Mechanisms for Deuterium Ions in Electrolysis and Gas/Metal Fusion Experiments," presented at Second Annual Conference on Cold Fusion, June 29-July 4, 1991, Como, Italy. (FF July 1991)

709. Yeong E. Kim (Dept. of Physics, Purdue University, Indiana), Mario Rabinowitz (EPRI, Palo Alto, CA), G.S. Chulick, and R.A. Rice (Dept. of Physics, Purdue U.), "Shock-wave Model for Cluster-impact Fusion," presented at Second Annual Conference on Cold Fusion, June 29-July 4, 1991, Como, Italy. (FF July 1991)
710. Y.E. Kim (Purdue University, Indiana), M. Rabinowitz (EPRI), Y.K. Bae (SRI), G.S. Chulick and R.A. Rice (Purdue U.), "Cluster-impact Nuclear Fusion: Shock-wave Statistical Analysis," *Modern Physics Letters B*, vol. 5, nos. 14-15, 1991, pp 941-59, 6 figs, 25 refs. (FF Sep. 1991) (FF Feb. 1992)
711. Y.E. Kim (Purdue University, Indiana), M. Rabinowitz (EPRI), G.S. Chulick, R.A. Rice (Purdue U.), "Theories of Cluster-impact Fusion with Atomic and Molecular Cluster Beams," *Mod. Phys. Letters B*, 1991, vol. 5, no. 6, pp 427-38. (FF Nov. 1991)
712. Yeong E. Kim, Robert A. Rice, Gary S. Chulick (Dept. of Physics, Purdue University, Indiana), "The Effect of Coulomb Screening and Velocity Distribution on Fusion Cross-sections and Rates in Physical Processes," *Mod. Phys. Letters A*, 1991, vol. 6, no. 10, pp 929-938. (FF Nov. 1991)
713. Y.E. Kim (Dept. of Physics, Purdue University, Indiana), "Time-delayed Apparent Excess Heat in Electrolysis Fusion Experiments," *Mod. Phys. Letters A*, 1991, vol. 6, no. 2, pp 1053-60. (FF Jan. 1992)
714. Y.E. Kim, J.H. Yoon, and R.A. Rice (Dept. of Physics, Purdue University, Indiana) and M. Rabinowitz (EPRI, Palo Alto, CA), "Impact Fusion and Effective Deuteron Temperature," *Physical Review Letters*, vol. 68, no. 3, 20 Jan. 1992, pp 373-6, 2 figs, 25 refs. (FF Feb. 1992)
715. Y.E. Kim, M. Rabinowitz, Y.K. Bae, G.S. Chulick, R.A. Rice (Dept. of Physics, Purdue University, Indiana), "Hot Plasma Shock-wave Theory of Cluster-impact Fusion," *AIP Conf. Proceedings*, vol 250, 1992. (Towards Unified Pict. Nucl. Dyn.), pp 3231-343. (FF July 1992)
716. Y.E. Kim, R.S. Rice and J.H. Yoon (Dept. of Physics, Purdue University, Indiana), and M. Rabinowitz (Electric Power Research Inst., Palo Alto, CA), "High Density Fusion and the Solar Neutrino Problem," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
717. Yong-Gyoo Kim (Dept. of Mat. Sci. and Eng., Korea Adv. Inst. of Sci. and Tech., S. Korea), Sung-Man Lee (Dept. Mat. Eng., Kangwon Nat. U., S. Korea), Jai-Young Lee (Dept. Mat. Sci. and Eng., Korea Adv. Inst. Sci. and Tech.), "Hydrogen-induced Amorphization of the Laves Compound CeNi<sub>2</sub> and the Structural and Thermal Characteristics of the Amorphous Phase," *J. of Less-Common Metals*, vol. 169, no. 2, May 1991, pp 245-56, 8 figs, 26 refs. (FF Nov. 1991)
718. R.C. Kintzla et al., "Sporadic Observations of the Fleischmann-Pons Heat Effect," *Electrochimica Acta*, vol. 34, Sep. 1989, pp 1314-8.
719. A.C. Klein, L.L. Zahm, S.E. Binney, J.N. Reyes, Jr., J.F. Higginbotham, A.H. Robinson, M. Daniels and R.B. Peterson (Oregon State U.), "Anomalous Heat Output from Pd Cathodes without Detectable Nuclear Products," *Proceedings of Anomalous Nuclear*

- Effects in Deuterium/Solid Systems, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
720. D.J. Klepacki, Y.E. Kim (Purdue University, Indiana), and R.A. Brandenburg (U. of Basel), "Two-body Photodisintegration of  $^3\text{H}$  and  $^3\text{He}$  Near the Giant Resonance. I. Plane-wave Approximation," unpublished paper PNTG-89-8, August 1989, 50 pages, 149 refs. (FF Feb. 1990)
721. Citrad Klimcik (Nucl. Cent., Charles U., Czech.), "Gravitational Waves as String Vacua. III," *J. Phys.*, 1992, pp 121-40. (FF June 1992)
722. Masafumi Kobayashi, Norio Imai, Norifumi Hasegawa, Keiji Kunimatsu (IMRA Japan Co. Ltd., Sapporo, Japan), "Measurements of D/Pd and Excess Heat During Electrolysis of LiOD in a Fuel-cell Type Closed Cell Using a Palladium Sheet Cathode," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
723. D.I. Kochubey, V.P. Babenko (Institute of Catalysis, Siberian Branch of the U.S.S.R. Academy of Sciences), M.N. Vargaftik and I.I. Moiseev (N.S. Kurnakov Institute of General and Inorganic Chemistry, the U.S.S.R. Academy of Sciences), "Enrichment of Deuterium with Tritium in the Presence of a Palladium-561 Giant Cluster," *Journal of Molecular Catalysis*, vol. 66, 1991, pp 99-104, 3 figs, 8 refs. (FF Sep. 1991)
724. Shigetochi Koike, Akinori Kojima, Makoto Kano, Manabu Otake, Hideo Kojima, and Taira Suzuki (Sci. U. of Tokyo), "On the Superdiffusion of Hydrogen in V(a)-Metals," *Journal of the Physical Society of Japan*, vol. 59, no. 2, Feb. 1990, pp 584-95, 27 refs. (FF May 1990)
725. Hisatoki Komaki (Biological and Agri. Research Inst., Otsu, Japan), "Observations on the Biological Cold Fusion or the Biological Transmutation of Elements," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
726. V.V. Komarov (Moscow State U., USSR), O. Melsheimer and A. Popova (Phillips-University, Marburg, Germany), "Does Cold Fusion Exist and is it Measurable?," *Z. Nature. A*, vol. 45, 1990, pp 759-61. (FF Feb. 1991)
727. Jun Kondo, "Cold Fusion in Metals," *Journal of the Physical Society of Japan*, vol. 58, June 1989, pp 1869-70.
728. Robert Koontz (Applied Science & Technology, Inc., Huntington), "Evidence for a Previously Unobserved Force," *Bulletin of the American Physical Society*, vol. 37, no. 5, October 1992, paper ED9. (FF Oct. 1992)
729. A. A. Kosyachkov et al., "Detection of Helium-3 and Tritium as a Result of Ion Plasma Saturation of Titanium by Deuterium," *Soviet Physics, JETP Letters*, vol. 49, 25 June 1989, pp 744-46.
730. G. Kreysa, G. Marx, and W. Plieth, "A Critical Analysis of Electrochemical Nuclear Fusion," *Journal of Electroanalytical Chemistry*, vol. 266, 1989, pp 437-50.

731. Gerhard Kreysa, G. Marx, W. Plieth, M. Schultz, B. Zeitnitz, W. Heeringa, H. Klages (FRG), "Experimental Study of Possible Cold Fusion in Titanium and Palladium Electrodes," Proceedings of the Cold Fusion Symposium, World Hydrogen Energy Conference #8, Honolulu, Hawaii, July 22-7, 1990. (FF Aug. 1990)
732. M.S. Krishnan, S.K. Malhotra, D.G. Gaonkar, M. Srinivasan, S.K. Sikka, A. Shyam, V. Chitra, T.S. Iyengar, and P.K. Iyengar, "Cold Fusion Experiments Using a Commercial Pd-Ni Electrolyser," BARC Studies in Cold Fusion (April-Sep. 1989), 10 pages, 5 refs. (FF Feb. 1990)
733. M.S. Krishnan, S.K. Malhotra, D.G. Gaonkar, M.G. Nayar, A. Shyam, and S.K. Sikka, "Observation of Cold Fusion in a Ti-SS Electrolytic Cell," BARC Studies in Cold Fusion (April-Sep. 1989), 5 pages. (FF Feb. 1990)
734. M.S. Krishnan, S.K. Malhotra, and S.K. Sadhukhan, "Material Balance of Tritium in the Electrolysis of Heavy Water," BARC Studies in Cold Fusion (April-Sep. 1989), 8 pages, 6 refs. (FF Feb. 1990)
735. M.S. Krishnan, S.K. Malhotra, D.G. Gaonkar, V.D. Nagvenkar, and H.K. Sadhukhan, "Evidence for Production of Tritium via Cold Fusion Reactions in Deuterium Gas Loaded Palladium," BARC Studies in Cold Fusion (April-Sep. 1989), 5 pages, 5 refs. (FF Feb. 1990)
736. F.A. Kroger (Emeritus Professor of Materials Science, U. of Southern California), "The Role of Cathodic Overvoltage in Achieving Nuclear Fusion by Electrolysis of Heavy Water," Fusion Facts, April 1991, pp 13-8, 27 refs, 2 tables.
737. Akihiko Kubota, Hidemi Akita, Yumiko Tsuchida, Toshiya Saito, Akiko Kubota, Narifumi Hasegawa, Norio Imai, Nana Hayakawa, Keiji Kunimatsu (IMRA Japan Co. Ltd., Sapporo, Japan), "Hydrogen and Deuterium Absorption by Pd Cathode in a Fuel-cell Type Closed Cell," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
738. Rainer W. Kuehne (W-3300 Brunswick, Germany), "Possible Explanations for Failures to Detect Cold Fusion," Physics Letters A, vol. 159, nos. 4-5, 1991, pp 208-12. (FF Dec. 1991)
739. R.W. Kuehne (Germany), "Cold Fusion: Pros and Cons," Physics Letters A, vol. 155, nos. 8-9, pp 467-72, 99 refs. (FF Sep. 1991)
740. A.V. Kulakov, E.V. Orlenko, and A.A. Rummyantsev (Moscow), "Physical Mechanism of the So-called Cold Fusion," Izv. Akad. Nauk USSR, Energ. Transp., vol. 1, 1990, pp 158-60, in Russian. (FF Oct. 1990)
741. Hidekazu Kumagai, Sieechiro Nakabayashi, Sadamu Yamagata, Shohei Isomura, Takashi Ichihara, Koichi Yoshida, Takeshi Suzuki, Kazuyoshi Takahashi, Akira Kira, and Isao Tanihata (Inst. of Physical and Chemical Research, Saitama, Japan), "Attempts in Detection of Neutrons on So-called Cold Nuclear Fusion," J. Physical Society of Japan, vol. 60, no. 8, Aug. 1991, pp 2594-601, 5 refs. (FF Nov. 1991)

742. N. Kumar (Dept. of Physics, Indian Inst. of Science, Banglador), "Cold Fusion: Is There a Solid State Effect?," *Current Science*, vol. 58, no. 15, 1989, pp 833-35. (FF Dec. 1989)
743. Kumar (Charles Stark Draper Laboratory, Cambridge, MA), I.S. Hwang, R.G. Ballinger (MIT), C.R. Dauwalter and A. Steyck (Draper), "Analyses of Palladium Cathodes Used for Heavy Water Electrolysis," *Fusion Technology*, vol. 19, Jan. 1991, pp 178-87. (FF Jan. 1991)
744. Keiji Kunimatsu (IMRA Japan Co. Ltd., Sapporo, Japan), "Deuterium Loading Ratio and Excess Heat Generation During Electrolysis of Heavy Water by a Palladium Cathode in a Closed Cell Using a Partially Immersed Fuel Cell Anode," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Nov. 1992)
745. Takehiro Kusunoki, Mutsuhiro Nakata, Yasuhiko Fujii and Makoto Okamoto (Research Lab. for Nuclear Reactors, Tokyo Inst. of Tech., Japan), "Energy of the Neutrons Emitted in Heavy Water Electrolysis," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
746. Kuzmann, M. Varsanyi, L. Korecz, A. Vertes, F. Deak, A. Kiss, L. Kiss (Eostvos U., Budapest, Hungary) and T. Matsumoto (Tohoku U., Sendai, Japan), "Investigation on the Possibility of Cold Nuclear Fusion in Fe-Zr Amorphous Alloy," *Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems*, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
747. Kuzmann, M. Varsanyi, L. Korecz, A. Vertes, T. Masumoto, F. Deak, A. Kiss, L. Kiss (Eostvos U., Budapest), "Investigation on the Possibility of Cold Nuclear Fusion in Fe-Zr Amorphous Alloy," *J. Radioanalytical Nucl. Chem., Letters*, vol. 137, no. 4, pp 243-50, 1989, 9 refs. (FF Feb. 1990)
748. Kuzmann, M. Gal, G.K. Solymos, and CS. Szeles (Eostvos U., Budapest, Hungary), "Mossbauer Spectroscopic Characterization of Samples for Cold Fusion Experiment," *The Science of Cold Fusion, Proceedings of the II Annual Conference on Cold Fusion*, Como, Italy, June 29-July 4, 1991, pp 277-81, 7 refs, 12 figs, 1 table. (FF April 1992)
749. R.N. Kuz'min, A.P. Kuprin, P.O. Revokatov (Lomonosov Moscow State U., Dept. of Physics), "The Accumulation of Tritium in the Surface of Pd and Ti Deuterated Samples." Abstracts of selected papers from the International Symposium on Metal-hydrogen Systems, Fundamentals and Applications, Uppsala, Sweden, June 8-12, 1992. (FF Aug. 1992)
750. R.N. Kuz'min, A.P. Kupin, P.O. Revokatov (Lomonosov Moscow State U., Dept. of Physics) and J.B. Skuratnik (L.J. Karpov Res. Inst. of Physics and Chem.), "The Non-stationary Diffusion of Tritium in the Surface Layers of Titanium." Abstracts of selected papers from the International Symposium on Metal-hydrogen Systems, Fundamentals and Applications, Uppsala, Sweden, June 8-12, 1992. (FF Aug. 1992)
751. J. Kvasil, A.K. Jain, R.K. Sheline (Dept. Chem., Florida State U.), "Neutron-proton Interaction and Band Crossing in the Cranking Model," *Czech. J. Phys.*, vol. 40, no. 3, 1990, pp 278-300. (FF Sep. 1990)

752. P.K. Lam and Rici Yu, "Comment on 'Cold' Fusion: How Close Can Deuterium Atoms Come Inside Palladium?," *Physical Review Letters*, vol. 63, 23 October 1989, p 1895.
753. J.B.J.M. Lanen, R.G. Lovas, A.T. Kruppa, H.P. Blok, J.F.J. Vand den Brand, R. Ent, E. Jans, G.J. Kramer, L. Lapikas, et al., (Rijksuniv, Utrecht), "An (e,e'p) Study of Triton + Deuteron + Proton Clustering in Lithium-6," *Phys. Rev. Letters.*, vol. 63, no. 26, pp 2793-6. (FF Mar. 1990)
754. Langanke, H.J. Assenbaum and C. Rolfs (U. Munster, Germany), "Screening Corrections in Cold Deuterium Fusion Rates," *Z. Phys. A*, vol. 333, 1989, pp 317-8. (FF Feb. 1991)
755. Lanza, G. Bertolini, V. Vocino, E. Parnisari, C. Ronsecco (Commission of the European Communities, Joint Res. Center, Ispra, Italy), "Tritium Production Resulting from Deuteration of Different Metals and Alloys," *The Science of Cold Fusion, Proceedings of the II Annual Conference on Cold Fusion, Como, Italy, June 29-July 4, 1991*, pp 151-155, 9 refs, 2 tables. (FF July 1991) (FF April 1992)
756. Lanza, G. Bertolini, V. Vocino, E. Parnisari, C. Ronsecco (Jt. Res. Cent., Comm. Eur. Communities, Ispra, Italy), "Investigation of Cold Fusion Phenomena Using Gas-metal Loading Experiments," *Comm. Eur. Communities Report EUR 13908*, 1992, 31 pages. (FF July 1992)
757. Del R. Lawson, Michael J. Tierney, I.F. Cheng, Leon S. Van Dyke, M.W. Espenscheid and Charles R. Martin (Dept. of Chemistry, Texas A&M U.), "Use of a Coulometric Assay Technique to Study the Variables Affecting Deuterium Loading Levels within Palladium Electrodes," *Electrochimica Acta*, vol. 36, no. 9, pp 1515-22, 6 figs, 37 refs. (FF Sep. 1991) (FF Nov. 1991)
758. A.T. Lee and T.M. Kalotas, "On the Feasibility of Cold Fusion," *Il Nuovo Cimento*, vol. 102, October 1989, pp 1177-80.
759. Dong-Bok Lee (Dept. of Metallurgical Eng., Sung Kyun Kwan U., S. Korea) and G. Simkovich (Dept. Material Science and Eng., Penn. State U.), "Oxidation Resistant Mo-W-Cr-Pd Alloys with Palladium Coatings," *J. of the Less-Common Metals*, vol. 169, no. 1, 5 figs, 9 refs, April 15, 1991. (FF Oct. 1991)
760. A.J. Leffler, "Tritium in Cold Fusion," *Chemical and Engineering News*, 18 December 1989, p 2.
761. A.J. Leggett and G. Baym (U. of Illinois, Urbana), "Can Solid-state Effects Enhance the Cold Fusion Rate?," *Nature*, vol. 340, no. 6228, 1989, pp 45-6. (FF Dec. 1989)
762. A.J. Leggett and G. Baym, "Exact Upper Bound on Barrier Penetration Probabilities in Many-body Systems: Application to Cold Fusion," *Phys. Rev. Letters*, vol. 63, 1989, pp 191-4 [companion to the authors' article in *Nature*, vol. 340, 1989, pp 45-6]. (FF Feb. 1991)
763. Y.Q. Lei, D.L. Sun, Y.L. Chen, J. Wu and Q.D. Wang (Dept. of Materials Science and Engineering, Zhejiang U. Hangzhou, Zhejiang, China), "Diffusion Coefficients and Trapping Density of Deuterium in Annealed and As-cast Palladium," abstract of selected

- papers from the International Symposium on Metal-hydrogen Systems, Fundamentals and Applications, Uppsala, Sweden. (FF Aug. 1992)
764. Dennis Letts (12015 Ladrado Lane, Austin, TX 78727), "Collisionless Disintegration of Deuterium and its Role in the Cold Fusion Effect," unpublished paper, received Feb. 18, 1992, 7 manuscript pages, 5 refs, attached copies of published data. (FF March 1992)
765. Barbara Goss Levi (Senior Associate Editor), "Experiments Remove Resistance to the Notion of Persistent Currents," *Physics Today*, vol. 45, no. 4, April 1992, 2 figs, 8 refs. (FF May 1992)
766. Y. Levirtin, J. Bloch and M.H. Mintz (Nuclear Research Center and Ben Gurion U. of the Negev, Beer-Sheva), "Kinetic Study of the Hafnium-hydrogen Reaction," *J. of the Less-Common Metals*, (name changed to *J. of Alloys and Compounds*), vol. 175, no. 2, Oct. 1, 1991, pp 219-34, 9 figs, 14 refs. (FF Nov. 1991)
767. B.V. Lewenstein (Dept. of Comm., Cornell U.), "Cornell Cold Fusion Archive Finding Aid," current working draft, Aug. 13, 1990, 39 pages, 138 refs. (FF Sep. 1990)
768. Bruce V. Lewenstein (Prof. of Communication, Cornell U.), "Energy in a Jar - the Search for Morals to the Cold Fusion Fiasco," *The Sciences*, pp 44-9, July/August 1991. (FF Oct. 1991)
769. V. Lewenstein, W. Baur (Dept. Comm., Cornell U.), "A Cold Fusion Chronology," *J. Radioanalytical Nucl. Chem.*, vol. 152, no. 1, 1991, pp 273-97. (FF April 1992)
770. Derek Lewis and Kurt Skold (Studsvik Energy and Uppsala U.), "A Phenomenological Study of the Fleischmann-Pons Effect," *J. Electroanalytical Chem.*, vol. 294, 1990, pp 275-88. (FF Jan. 1991)
771. Derek Lewis (Consult. Group, Studsvik Energitek., Sweden), "Some Regularities and Coincidences in Thermal, Electrochemical and Radiation Phenomena Observed in Experiments at Studsvik on the Fleischmann-Pons Effect," *Journal Electroanalytical Chem. Interfacial Electrochem.*, vol. 316, nos. 1-2, 1991, pp 341-5. (FF April 1992)
772. Derek Lewis (Dept. of Inorganic Chem., Royal Inst. of Tech., Stockholm, Sweden), "Simultaneous Thermal, Electrochemical and Radiation Events in Experiments on the Fleischmann-Pons Effect." Abstracts of selected papers from the International Symposium on Metal-hydrogen Systems, Fundamentals and Applications, Uppsala, Sweden, June 8-12, 1992. (FF Aug. 1992)
773. F.A. Lewis and X.Q. Tong (Queen's U., Belfast), "Gorsky Effect Origins of Uphill Hydrogen Diffusion in Pd(81)Pt(19), Pd(77)Ag(23) and Palladium Membranes," *Jrnl. of Alloys & Compounds*, vol. 179, Feb. 21, 1992, pp L13-9, 4 figs, 20 refs. (FF April 1992)
774. F.A. Lewis, S.G. McKee and R.A. McNicholl (School of Chem., Queen's U., Belfast, N. Ireland), "Limits of Hydrogen Contents Introduced by Electrolysis into Palladium and Other Transition Metals." Abstracts of selected papers from the International Symposium on Metal-hydrogen Systems, Fundamentals and Applications, Uppsala, Sweden, June 8-12, 1992. (FF Aug. 1992)

775. L.N. Lewis, P.G. Kosky, and N. Lewis (General Electric Schenectady), "On the Search for Nonelectrochemical Cold Fusion: Production of Deuterium off of High Surface Area Palladium Colloid," *Journal Radioanalytic Nuclear Chemistry*, vol. 145, no. 2, 1990, pp 81-91. (FF Oct. 1990)
776. N. Lewis et al., "Analysis of the Published Calorimetric Evidence for Electrochemical Fusion of Deuterium in Palladium," *Science*, vol. 246, 10 November 1989, pp 793-6.
777. Nathan S. Lewis et al., "Searches for Low-temperature Nuclear Fusion of D in Palladium," *Nature*, vol. 340, pp 525-30, 1989, 20 refs, 3 figs, 3 tables. [Paper claims no excess heat but published data shows otherwise.]
778. Qiang Li, J.R. Clem, and D.K. Finnemore (Ames Lab. and Dept. Phys., Iowa State U.), "Nucleation and Motion of an Isolated Abrikosov Vortex," *Phys. Review B*, vol. 43, no. 12, pp 843-7, 5 figs, 9 refs. (FF Oct. 1991)
779. Xing Zhong Li, Shiyuan Dong, Keli Wang, Yueying Feng, Lee Chang, Chengmo Luo, Renyong Hu, Pingli Zhou, Dawei Mo, Chongli Song, Yingtang Chen, Minyan Yao, Chuang Ren, Qiankun Chen (Tsinghua U., Beijing, China), "The Precursor of 'Cold Fusion' Phenomenon in Deuterium/Solid Systems," *Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems*, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
780. Xing Zhong Li (Tsinghua U., Beijing, China) "Chinese Effort in Understanding the Cold Fusion Phenomena," *The Science of Cold Fusion, Proceedings of the II Annual Conference on Cold Fusion*, Como, Italy, June 29-July 4, 1991, pp 309-317, 16 refs, 1 fig. (FF July 1991) (FF April 1992)
781. Xing Zhong Li (Tsinghua U., Beijing, China), "China - Review of Work," presented on the last day of the Third International Conference of Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Nov. 1992)
782. Xing Zhong Li, De-Zhe Jin, Lee Chang (Tsinghua U., Beijing China), Xin-Wei Zhang, Wu-Shou Zhang (Inst. of Applied Physics and Comp. Physics, Beijing, China), "Combined Resonance Tunneling in Low Energy D-D Nuclear Reaction," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
783. Ying Gang Li and Goran Wahnstrom (Inst. of Theoretical Physics, Chalmers U. of Technology, Goteborg), "Nonadiabatic Effects in Hydrogen Diffusion in Metals", *Phys. Rev. Letters*, vol. 68, no. 23, pp 3444-7, 1 fig, 26 refs. (FF July 1992)
784. Guozhu Liang, Shaolin Kuang (Guangzhou Municipal No. 2 Light Industry Inst., Canton), "Electrodeposition of Nickel - Mechanism and Additives," *Diandu Yu Tushi*, vol. 10, no. 1, 1991, pp 2-9, in Chinese. (FF Feb. 1992)
785. W.X. Liang, D.M. Xu, G.Y. Zhang, Z.L. Yai, E.Y. Wang (SW Inst. of Physics, Sichuan, China), "Neutron Measurements in a AC-discharged Tube," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)



786. Bor Yann Liaw, P.L. Tao, P. Turner, and B.E. Liebert, "Excess Heat Using Molten Salt Electrochemical Cell," *Fusion Facts*, Oct. 1990, pp 1-14, 8 figs, 3 tables, 4 refs. [Article also includes the editor's review of all of the references.] Reprinted by permission from: B.Y. Liaw, P.L. Tao (Hawaii Natural Energy Inst.), P. Turner and B.E. Liebert (Dept. of Mech. Engr., U. of Hawaii), "Elevated Temperature Excess Heat Production Using Molten Salt Electrochemical Techniques," being published in the Proceedings of the Special Symposium on Cold Fusion, World Hydrogen Energy Conference #8, Honolulu, Hawaii, July 22-27, 1990. (FF Aug. 1990)
787. Bor Yann Liaw, Peng Long Tao, Patrick Turner and Bruce E. Liebert, "Elevated-temperature Excess Heat Production in a Pd-D System," submitted to *J. Electroanalytical Chemistry*. (FF April 1991)
788. Bor Yann Liaw, Peng Long Tao, and Bruce E. Liebert\* (Hawaii Natural Energy Institute, and \*Department of Mechanical Engineering, U. of Hawaii), "Recent Progress on Cold Fusion Research Using Molten Salt Techniques," presented at Second Annual Conference on Cold Fusion, June 29-July 4, 1991, Como, Italy. (FF July 1991) and (FF April 1992)
789. Bor Yann Liaw, Peng Long Tao, Patrick Turner, Bruce E. Liebert (Hawaii Nat. Energy Inst., U. Hawaii), "Elevated-temperature Excess Heat Production in a Pd+D System," *J. Electroanalytical Chemistry Interfacial Electrochem*, vol. 319, nos. 1-2, 1991, pp 161-75. (FF June 1992)
790. Bor Yann Liaw, Peng Long Tao, and Bruce E. Liebert\* (Hawaii Nat. Energy Institute, and \*Department of Mechanical Engineering, U. of Hawaii), "Recent Progress on Cold Fusion Research Using Molten Salt Techniques," *The Science of Cold Fusion, Proceedings of the II Annual Conference on Cold Fusion, Como, Italy, June 29-July 4, 1991*, pp 55-64, 17 refs, 11 figs, 2 tables. (FF April 1992)
791. Bor Yann Liaw, Peng Long Tao, and Bruce Liebert (U. of Hawaii), "On Charging Palladium in an AlLiCl-KCl Eutectic, Excess LiH(D)Pd Cell," *Proc. of Eight International Symposium on Molten Salts, 181st Electrochemical Society Meeting, St. Louis, Missouri, May 17-22, 1992*, 2 tables, 8 figs, 9 refs. (FF July 1992)
792. Bor Yann Liaw and Bruce E. Liebert (Hawaii Natural Energy and Dept. of Mech. Eng., U. of Hawaii), "A Potential Shuttle Mechanism for Charging Hydrogen Species into Metals in Hydride-containing Molten Salt System," presented at the Third International Conference, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
793. Richard L. Liboff, "Fusion via Metallic Deuterium," *Phys. Letters A*, vol. 71, 1979, pp 361-2. (FF Feb. 1991)
794. Bruce Liebert (U. of Hawaii) and Nate Hoffman (Rockwell Int'l.), "Helium-4 Found in Pd Electrode," *Fusion Facts*, Nov. 1990, pp 1-2. [From a verbal report made at the BYU Conference on Anomalous Effects in Deuterium/Solid Systems.]
795. G.H. Lin, J.O'M. Bockris, et al., "On Electrochemical Tritium Production," *International Journal of Hydrogen Energy*, vol. 15, no. 8, pp 537-550.

796. G.H. Lin, R.C. Kainthla, N.J.C. Packham and J.O'M. Bockris (Texas A&M), "Electrochemical Fusion: A Mechanism Speculation," J. Electroanalytical Chemistry, vol. 280, 1990, pp 207-11. (FF Feb. 1991)
797. Tsang-Lang Lin and Chi-Chang Liu (National Tsing-Hua U., Taiwan), "Cold Fusion Experiment at Department of Nuclear Engineering, National Tsing-Hua University," Journal of Fusion Energy, vol. 9, no. 4, 1990, pp 487-490, 5 refs. (FF June 1991) (FF Oct. 1991)
798. John D. Lindle, Robert L. McCroy and E. Michael Campbell (Lawrence Livermore Nat'l Lab., except McCroy, U. of Rochester, NY), "Progress Toward Ignition and Burn Propagation in Inertial Confinement Fusion," Physics Today, vol. 45, no. 9, Sep. 1992, pp 32-40, 8 figs, 24 refs. (FF Oct. 1992)
799. David Lindley, "Setting on the Fence," Nature, vol. 342, 21-28 December 1989. [This review of Peat's book calls it "stubbornly uninformative."] (FF Jan. 1990)
800. David Lindley (American Office), "The Embarrassment of Cold Fusion," Nature, vol. 344, p 375, 29 March 1990. (FF May 1990)
801. David Lindley (Staff), "Out, Out Brief Candle...," Nature, vol. 357, 25 June 1992, p 635, no refs. (FF July 1992)
802. Thomas W. Lippman (Washington Post, staff writer), "A Wet Blanket at the [Hot] Fusion Party," The Washington Post National Weekly Edition, May 4-10, 1992, p 39. (FF June 1992)
803. Thomas W. Lippman, "Will [Hot] Fusion Ever Come to Pass?," The Columbus Dispatch, Sunday, May 3, 1992. (FF June 1992)
804. A.G. Lipson, D.M. Sakov, V.A. Kuznetsov and V.V. Gromov (Inst. of Phys. Chem., Academy of Sciences of the USSR), "Mechanoemission from High-temperature YBa(2)Cu(3)O(7-x) Superconductors," Sov. Phys. Solid State, vol. 32, no. 8, pp 1455-1456. (FF May 1991)
805. A.G. Lipson, B.F. Lyakhov, B.V. Deryagin, V.N. Kudryavtsev, Yu Toporov, V.A. Klyuev, M.A. Kolobov, D.M. Sakov (Institute Fiz. Khim, Moscow), "Reproducible Neutron Emission During the Combined Effects of Cavitation and Electrolysis on the Surface of a Titanium Cathode in Heavy-water-based Electrolytes," Pis'ma Zh. Tekh. Fiz., vol.17, no. 21, 1991, pp 33-7. (FF April 1992)
806. Feng Liu, et al., "Nature of Short Range Interaction between Deuterium Atoms in Pd," Solid State Comm., vol. 72, 1989, pp 891-894. (FF Feb. 1991)
807. S.Y. Lo (Institute for Boson Studies, Pasadena CA), "Enhancement of Nuclear Fusion in a Strongly Coupled Cold Plasma," Mod. Phys. Letters B, vol. 3, 1989, pp 1207-11. (FF Feb. 1991)
808. V.V. Lobanov, A.S. Zetkin, G.E. Kagan, V.B. Demin, I.I. Mil'man, A.I. Syurdo (USSR), "Study of Neutron Emission from Deuterium-saturated Titanium-iron Alloys at Room Temperature," Pis'ma Zh. Tekh. Fiz., vol. 17, no. 23, 1991, pp 22-25. (FF April 1992)

809. Lawrence L. Lohr, "Electronic Structure of Palladium Clusters: Implications for Cold Fusion," *J. Phys. Chem.*, vol. 93, 1989, pp 4697-8. (FF Feb. 1991)
810. O. I. Lomovsky et al., "Isotope Heat Effect in Reactions Involving Hydrogen Evolution on Palladium Catalyst Particles," *Proceedings of the Indian Academy of Science*, vol. 102, April 1990, pp 173-176.
811. Hequin Long, Sihai Sun, Hongquan Liu, Renshou Xie (Inst. of Sichuan Material and Technology, China) and Xinwei Zhang (Inst. of Applied Phys. and Comp. Math., Beijing, China), "Anomalous Effects in Deuterium/Metal Systems," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
812. Huqing Long, Renshou Xie, Sihai Sun, Hongquan Liu, Jingang Gan, Bairong Chen (Inst. of Sichuan Material and Technology, China), Xinwei Zhang and Wushou Zhang (Inst. of Applied Physics and Computational Mathematics, China), "The Anomalous Nuclear Effects Induced by the Dynamic Low Pressure Gas Discharge in a Deuterium/palladium System," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
813. E. Lopez, B. Neuhauser (San Francisco State U.), F. Ziemba (Quantrad Corp.), J. Jackson (IICO Corp.), E. Mapoles (Lawrence Livermore Nat'l. Lab.), J. McVittie (CIS, Stanford U.), and R. Powell (Varian Associates), "Search for Charged-particle D-D Fusion Products in an Encapsulated Pd Thin Film," *Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems*, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
814. Yale Jay Lubkin, in a letter in "Thoughts Unbottled on Cold Fusion," *Physics Today*, Sep. 1989, p 144. (FF Feb. 1991)
815. Digby D. Macdonald (Director, Center For Advanced Studies, Penn. State), "Corrosion in Boiling Water Nuclear Reactors," *Earth and Mineral Sciences*, vol. 61, no. 2, 1992, pp 27-32, 8 figs, 9 refs. (FF Sep. 1992)
816. Ramtanu Maitra, "India Joins the Race to Prove Cold Fusion," *21st Century Science and Technology*, Sep.-Oct. 1989. (FF Oct. 1989)
817. Ramtanu Maitra, "Cold Fusion: New Findings Overpower Stale Lies," (Interviews with various U.S. scientists working in cold fusion) *21st Century Science & Technology*, November-December 1989. (FF Oct. 1989)
818. Ramtanu Maitra, "The 'Utah Experiment': what it Might Mean," *Fusion Asia*, vol. 6, no. 1, 1989, pp 10-15. (FF Dec. 1989)
819. Ramtanu Maitra, "Cold Fusion: a Failed Hatchet Job," *The New Federalist*, Jan. 19, 1990, p 11. (FF Feb. 1990)
820. Ramtanu Maitra, "A New Problem for Cold Fusion Non-believers," *Fusion Asia*, vol. 6, no. 2, 1989, pp 12-13. (FF Dec. 1989) (FF May 1990)
821. Ramtanu Maitra, "Fusion Information Center Formed to Monitor Cold Fusion Activities," *Fusion Asia*, vol. 6, no. 2, 1989, p 13. (FF May 1990)

822. Maizza, K. Nakamura, M. Fujitsuka and M. Kitajima, "Study on Deuterium Absorption of Pd at High-pressure D(2) Gas and Low Temperatures," *Il Nuovo Cimento*, vol. 14 D, no.1, pp 27-32, 15 refs, 1 table, 3 figs. (FF June 1992)
823. Shahnaz Malik, M. Mohammad and A.Y. Khan (Electrochemistry Group, Dept. of Chem., Qalid-I-Azam, Islamabad), "Superconducting Ceramics with Zero Resistance at and near Room Temperature," submitted to *Nature*, and reported in *High T(c) Update*, vol. 3, no. 11, June 1, 1992, published by Ames Laboratory, Iowa State University. (FF July 1992)
824. Eugene Mallove, "A How-to Lesson," *Fusion Facts*, February 1992, pp 15-16.
825. Eugene Mallove, "DoE Woefully Misinformed," *Fusion Facts*, March 1992, p 16.
826. Eugene Mallove, Frank Close, "Authors Debate on Cold Fusion," recorded by Wisconsin Public Radio 3/8/91, *Fusion Facts*, April 1991, pp 18-23.
827. Eugene Mallove (Starbound Engineering, New Hampshire), "Statement on Cold Fusion for the Subcommittee on Energy and Water of the House Committee on Appropriations," representing Cold Fusion Research Advocates, April 1, 1992. (FF May 1992)
828. Eugene F. Mallove (MIT News Office), "One Year Later. The Cold Fusion Mystery Continues," *MIT Tech. Talk*, vol. 34, no. 27, Wed. April 11, 1990. (FF June 1992)
829. Eugene Mallove, "COLD FUSION: REAL and REVOLUTIONARY," presented at the University of Utah, May 21, 1992. (FF June 1992)
830. Jose Maria Malo-Tamayo, Jesus Morales Rivas, Blanca Zamora Celis, Francisco Pablo Ramirez Garcia and Octavio Novaro Penaloza, "Cold Fusion Experiments at IMP," *Rev. Inst. Mex. Pet.*, vol. 22, no. 1, 1990, pp 42-47, in Spanish. (FF May 1991)
831. Jose Maria Malo-Tamayo, Jesus Morales-Rivas, Blanca Zamora-Celis, Francisco Pablo Ramirez-Garcia, Octavio Novaro-Penaloza (Subdir. Gen. Invest. Apl., IMP, Mexico), "Cold Fusion Experiments at IMP," *Rev. Inst. Mex. Pet.*, 1990, vol. 22, no. 1, pp 42-47, in Spanish. (FF Nov. 1991)
832. P. Mandal, K. Dutta, K. Ramarkrishna, O.N. Srivastava (Technology Innovation Products, Troy, Michigan), "Synthesis, Characterization and Hydrogenation Behavior of Mg-xwt. % FeTi(Mn) and La(2)Mg(17)-xwt % LaNi(5) - New Hydrogen Storage Composite Alloys," *J. of Alloys and Compounds*, vol. 184, no. 1, June 5, 1992, pp 1-9, 6 figs, 15 refs. (FF Aug. 1992)
833. Maples, G.W. Goth, and J. Cerny, "Nuclear Reaction Q-Values," *Nuclear Data* (a journal devoted to compilations and evaluations of experimental and theoretical results in nuclear physics), vol. 2, nos. 5-6, Dec. 1966, pp 429-613. (FF Dec. 1989)
834. William D. Marbach (Developments to Watch, Editor), "In Japan, Yet Another Cold-fusion Mystery," *BusinessWeek* (Science and Tech. Section), July 27, 1992, p 83. (FF Aug. 1992)
835. M. Marinelli et al., "Heat Release from Deuterated Ti Fe or La Ni5 on Exposure to the Air," *Il Nuovo Cimento*, vol. 102 A, Sep. 1989, pp 959-961.

836. Stefan Marinov (Institute for Fundamental Physics, Graz), "On the Newton-Lorentz Equation," *Deutsche Physik*, vol. 1, no. 4, Oct.-Dec. 1992 [sic], pp 5-9, 5 refs. (FF June 1992)
837. Linda Marsha, "Scientific Fraud," *OMNI*, vol. 14, no. 9, June 1992, p 38. (FF June 1992)
838. Jose Luis Martis (U. of Minnesota), "Equations of State of Alkali Hydrides at High Pressures," *Physical Review B*, vol. 41, no. 11, April 15, 1990, pp 7883-7886, 20 refs. (FF May 1990)
839. Arnold J. Maseland (Materials Research Center, Allied Chemical Corporation, New Jersey), "Hydrogen Absorption in Crystalline and Non-crystalline TiCu," paper available through company at Morristown, NJ 07960. (FF July 1990)
840. Thaddeus B. Massalski (Editor-in-Chief), *Binary Alloy Phase Diagrams* (two volumes), published by American Society for Metals, Metals Park, Ohio 44073. Reviewed. (FF Feb. 1992)
841. C.K. Mathews, G. Periaswami, K.C. Srinivan, I. Gnanarsekatan, S. Rajan Babu, C. Ramesh and B. Bhavagarajan (Radiochemistry Programme, Indira Gandhi Centre for Atomic Research, Kalpakkam), "On the Possibility of Nuclear Fusion by the Electrolysis of Heavy Water," *Indian Journal of Technology*, vol. 27, pp 229-231, May 1989, 2 refs. [Paper received 1 May 1989]. (FF Mar. 1990)
842. M.S. Mathur, H.L. Johnston, A. Mirzai, J.S.C. McCkee, G.R. Smith, J.J.G. Durocher, K. Furutani, J.K. Mayer, Y.H. Yeo, H. Hnatiuk, S. King, A. Hempel, K.S. Sharma and G. Williams, "Recent Modifications to the Manitoba Deuterium Implantation Accelerator and a Study of the Properties of the Online Neutron Monitor Detector," *The Science of Cold Fusion, Proceedings of the II Annual Conference on Cold Fusion, Como, Italy, June 29-July 4, 1991*, pp 283-288, 6 refs, 4 figs. (FF April 1992)
843. Osuma Matsumoto, Kan Kimura, Yuko Saito, H. Oyama, Tsuyoshi Yaita (Aoyama Gakuin U., Japan), "Tritium Production Process," *Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems, Brigham Young University, October 22-24, 1990*. (FF Nov. 1990)
844. O. Matsumoto, K. Kimura, Y. Saito, H. Uyama, T. Yaita, A. Yamaguchi and O. Suenage (Dept. of Chemistry, Aoyama Gakuin University, Tokyo, Japan), "Detection of Neutron and Tritium During Electyrolsis of D(2)SO(4)-D(2)O Solution," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
845. R. Matsumoto, "Searching for Tiny Black Holes During Cold Fusion," *Fusion Technology*, vol. 22, Sep. 1992, pp 281-6.
846. Takaaki Matsumoto (Hokkaido U., Dept. of Nuclear Engineering, Japan), "Observation of New Particles Emitted During Cold Fusion," *Fusion Technology*, vol. 18, no. 2, Sep. 1990, pp 356-60, 6 refs. (FF Sep. 1990)
847. T. Matsumoto (Hokkaido U., Japan), "Progresses of NATTOH Model and New Particles Emitted During Cold Fusion," *Proceedings of Anomalous Nuclear Effects in*

- Deuterium/Solid Systems, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
848. Takaaki Matsumoto (Hokkaido U.), "'NATTOH' Model for Cold Fusion," *Fusion Technology*, vol. 16, no. 4, Dec. 1989, pp 532-4. (FF Jan. 1990)
849. Takaaki Matsumoto, "Special Session for Cold Fusion, Japanese Atomic Energy Society, April 2-4, 1990," *Fusion Facts*, May 1990, pp 15-6.
850. Takaaki Matsumoto, "Prediction of New Particle Emitted by Cold Fusion," submitted Feb. 1990 to *Fusion Technology*. (FF May 1990)
851. Takaaki Matsumoto, "Theory for Cold Fusion Reactor," submitted to *Fusion Technology*, February 1990. (FF May 1990)
852. Takaaki Matsumoto, "Cold Fusion Observed with Ordinary Water," *Fusion Technology*, vol. 17, March 1990, pp 490-3, 4 refs. (FF May 1990)
853. T. Matsumoto (Hokkaido U., Sapporo), "Prediction of New Particle Emission on Cold Fusion," *Fusion Technology*, vol. 18, no. 4, December 1990, pp 647-651. (FF Jan. 1991)
854. Takaaki Matsumoto (Hokkaido U.), "Microscopic Observations of Palladium Used for Cold Fusion," *Fusion Technology*, vol. 19, no. 3, May 1991, pp 567-575. (FF May 1991)
855. Takaaki Matsumoto (Hokkaido U.), "Observation of Quad-neutrons and Gravity Decay During Cold Fusion," *Fusion Technology*, vol. 19, no. 4, July 1991, pp 2125-30, 7 refs. (FF June 1991)
856. Takaaki Matsumoto and Kazuya Kurokawa (Hokkaido U., Sapporo), "Observation of Heavy Elements Produced During Explosive Cold Fusion," *Fusion Technology*, vol. 20, no. 3, Nov. 1991, pp 323-9, 17 figs, 4 refs. (FF Nov. 1991)
857. Takaaki Matsumoto (Hokkaido U.), "Interference Phenomena Observed During Cold Fusion," *Fusion Technology*, vol. 21, no. 2, March 1992, pp 179-182, 4 refs, 6 figs. (FF March 1992)
858. Takaaki Matsumoto (Hokkaido U., Sapporo), "Observation of Gravity Decays of Multiple-neutron Nuclei During Cold Fusion," *Fusion Technology*, vol. 22, no. 1, Aug. 1992, pp 164-171, 9 figs, 10 references to other Matsumoto papers. (FF Aug. 1992)
859. Takaaki Matsumoto (Dept. of Nuclear Eng., Hokkaido U., Sapporo), "Searching for Tiny Black Holes During Cold Fusion," *Fusion Technology*, vol. 22, no. 2, Sep. 1992, pp 281-286, 4 figs, 6 refs, (all are papers by Matsumoto). (FF Sep. 1992)
860. Takaaki Matsumoto (Department of Nuclear Engineering, Hokkaido University, Sapporo, Japan), "Review for 'NATTOH' Model and Experimental Findings During Cold Fusion," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
861. Noriaki Matsunami (Crystalline Materials Science School of Engineering, Nagoya University Furo-cho, Japan), "A Mechanism for Cold Nuclear Coherent Flow of Deuterium," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)

862. Thomas Maugh II, "Cold Fusion Faithful Still Fan the Flames of Research," Los Angeles Times, April 9, 1990. (FF May 1990)
863. Frederick J. Mayer and John R. Reitz (Mayer Applied Research, 1417 Dicken Dr., Ann Arbor MI 48103), "Nuclear Energy Release in Metals," Fusion Technology, vol. 19, no. 3, May 1991, pp 552-7. (FF May 1991)
864. Frederick J. Mayer and John R. Reitz (Mayer Applied Research, Ann Arbor), "On Very Low Energy Hydrogenic Nuclear Reactions," Fusion Technology, vol. 20, no. 3, Nov. 1991, pp 367-72, 2 figs, 16 refs. (FF Nov. 1991)
865. Frederick J. Mayer (Mayer Applied Research, Inc.), "Comments on Excess Heat Production by the Electrolysis of an Aqueous Potassium Carbonate Electrolyte and the Implications for Cold Fusion," Fusion Technology, vol. 20, no. 4, Dec. 1991, p 511, 1 ref. (FF Dec. 1991)
866. F.J. Mayer and J.R. Reitz, "Summary of Progress in Hydron Physics," The Science of Cold Fusion, Proceedings of the II Annual Conference on Cold Fusion, Como, Italy, June 29-July 4, 1991, pp 211-6, 13 refs, 3 figs. (FF April 1992)
867. R. K. Maziton, "On the Possibility of Nuclear Transformation in Chemical Reactions," Akademiia Nauk S.S.S.R. Doklady, vol. 307, 1989, pp 1158-1160, in Russian.
868. J.S.C. McKee, G.R. Smith, C.B. Kwok, H.L. Johnston, M.S. Mathur, J.K. Mayer, A. Mirzai, Y.H. Yeo, K.S. Sharma and G. Williams (U. of Manitoba, Canada), "Neutron Emission from Low Energy Deuteron Injection of Deuteron-implanted Metal Foils (Pd, Ti and In)," Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
869. J. McBreen, "Absorption of Electrolytic Hydrogen and Deuterium by Pd: the Effect of Cyanide Adsorption," Journal of Electroanalytical Chemistry, vol. 287, 25 July 1990, pp 279-291.
870. J.S.C. McKee, G.R. Smith, H.L. Johnston, J.J.G. Durocher, K. Furutani, C.B. Kwok, M.S. Mathur, J.K. Mayer, A. Mirzai, Y.H. Yeo (U. of Manitoba Accelerator Centre, Canada), K.S. Sharma and G. Williams (Dept. of Physics, U. of Manitoba), "Recent Modifications to the Manitoba Deuterium Implantation Accelerator and a Study of the Properties of the Online Neutron Monitor Detector," abstract provided at Second Annual Conf. on Cold Fusion, June 29-July 4, 1991, Como, It. (FF Aug. 1991)
871. J.S.C. McKee, G.R. Smith, J.J.G. Durocher, K. Furutani, C.B. Kwok, H. L. Johnston, M.S. Mathur, J. K. Mayer, A. Mirzai (U. of Manitoba), "Neutron Emission from Low Energy Deuteron Injection of Deuteron-implanted Metal Foils in Palladium, Titanium, and Indium," Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems, Brigham Young University, October 22-24, 1990, pp 275-86. (FF Nov. 1991)
872. J.S.C. McKee, G.R. Smith, J.J.G. Durocher, H.L. Johnson, M.S. Mathur, A. Mirzai, Y.H. Yeo, A. Hempel, et al. (U. Manitoba), "The Role of Fractofusion in the Creation of Anomalies in Neutron Production from Deuterium-implanted Solids," Nulc. Instrum. Methods Phys. Res., Sect B, 1992, vol. B67, no. 1-4, pp 448-451. (FF Aug 1992)

873. L.W. McKeehan (Affiliation may have been with Frank Inst.), "The Crystal Structures of the System Palladium-hydrogen," *Physical Review*, vol. 21, 1923, pp 334-339, 15 refs, plus bibliography 1900-1921 of over 60 refs. (FF Sep. 1990)
874. Richard L. McKie and Michael A.P. Kenrick (Gamma Star International), "PODMOD - Power Generation for a Brave New World Order," 26th Intersociety of Energy Conversion Engineering Conference - 91 Proceedings, Boston, Aug. 4-9, 1991, vol. 4, pp 479-483, 11 refs. (FF Nov. 1991)
875. Michael C.H. McKubre, Romeu C. Rocha-Filho, Stuart Smedley, Francis Tanzella, Bindi Chexal, Tom Passell and Joseph Santucci (Stanford Resource Inst.), "Calorimetric and Electrochemical Studies of the Deuterium-palladium System," Proceedings of The First Annual Conference on Cold Fusion, March 28-31, 1990, University of Utah Research Park, Salt Lake City, Utah. (FF Apr. 1990)
876. M.C.H. McKubre, R. Rocha-Filho, S.I. Smedley, F.L. Tanzella, S. Crouch-Baker, T.O. Passell and J. Santucci, "Isothermal Flow Calorimetric Investigations of the D/Pd System," *The Science of Cold Fusion*, Proceedings of the II Annual Conference on Cold Fusion, Como, Italy, June 29-July 4, 1991, pp 419-443, 6 refs, 14 figs. (FF April 1992)
877. M.C.H. McKubre, S. Crouch-Baker, A.M. Riley, R.C. Rocha-Filho, S.I. Smedley, and F.L. Tanzella (SRI International, Menlo Park, CA, USA), "Excess Power Production in D(2)O Electrolysis Cells: a Comparison of Results from Differing Cell Designs," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Nov. 1992)
878. Gary M. McMurty (U. of Hawaii) and Steven E. Jones (Brigham Young University), "Investigations of Tritium in Hotspot Volcanic Emissions as Evidence of Natural Cold Fusion Reactions in the Earth," Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems, Brigham Young University, October 22-24, 1990. (FF Dec. 1990)
879. Rand McNally, Jr., "On the Possibility of a Nuclear Mass Energy Resonance in D + D Reactions at Low Energy," *Fusion Technology*, vol. 16, Sep. 1989, p 237ff. (FF Oct. 1989)
880. Rand McNally, Jr., "Cold Fusion and Graser Prospects," *Fusion Technology*, vol. 7, 1985, pp 331-3. (FF Feb. 1991)
881. J.A. McNeil, "Relativistic Hyperfine Interaction and the Spence-vary Resonance," *The Science of Cold Fusion*, Proceedings of the II Annual Conference on Cold Fusion, Como, Italy, June 29-July 4, 1991, pp 217-219, 8 refs, 2 figs. (FF April 1992)
882. T. Mebrahtu, J.F. Rodriguez, M.E. Bothwell, I.F. Cheng, D.R. Lawson, J.R. McBride, C.R. Martin and M.P. Soriaga (Texas A&M), "Observations on the Surface Composition of Palladium Cathodes after D(2)O Electrolysis in LiOD Solutions," *J. Electroanalytical Chem.*, vol. 267, 1989, pp 351-357. (FF Jan. 1990)
883. Mengoli, M. Fabrizio, C. Manduchi, G. Zannoni, L. Riccardi, F. Veronese and A. Buffa (U. di Padova and 2 Istit.), "The Observation of Tritium in the Electrolysis of D(2)O at



- Palladium Sheet Cathodes," J. Electroanalytical Chem., vol. 304, 1991, pp 279-287, 11 refs. (FF June 1991)
884. G. Mengoli, M. Fabrizio (IPELP-CNR, Padova, Italy), C. Manduchi, L. Riccardi, G. Zannoni (Dip. Fisica "G. Galelei," Padova, Italy), A. Buffa (IGI-CNR, Padova, Italy), "Tritium and Neutron Emission in the Electrolysis of D(2)O at Pd and Ti Cathodes," (work performed in collaboration with ENEA, Frascati, Italy), presented at Second Annual Conference on Cold Fusion, June 29-July 4, 1991, Como, Italy. (FF July 1991)
885. Giuliano Mengoli, Monica Fabrizio, Claudio Manduchi, Giorgio Zannoni, Lucia Riccardi, Antonio Buffa (Padua), "Tritium and Neutron Emission in Heavy Water Electrolysis at Palladium and Titanium Cathodes," J. Electroanalytical Chem. Interfacial Electrochem., 1919, vol. 322, no. 1-2, pp 107-17. (FF June 1992)
886. G. Mengoli, M. Fabrizio (IPELP-CNR, Padova, Italy), C. Manduchi, G. Zannoni, L. Riccardi (Dip. Fisica "G. Galelei," Padova, Italy), A. Buffa (IGI-CNR, Padova, Italy), "Tritium and Neutron Emission in Conventional and Contact Glow Discharge Electrolyses of D(2)O at Pd and Ti Cathodes," (work performed in collaboration with ENEA-Frascati), The Science of Cold Fusion, Proceedings of the II Annual Conference on Cold Fusion, Como, Italy, June 29-July 4, 1991, pp 65-70, 4 figs. (FF April 1992)
887. H.O. Menlove, T.N. Claytor, M.A. Paciotti, D.N. Tuggle (Los Alamos Nat'l. Lab.) and S.E. Jones (BYU), "Reproducible Neutron Emission Measurements from Ti Metal in Pressurized D(2) Gas," Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
888. H.O. Menlove (Los Alamos Nat'l. Lab.), "High Sensitivity Measurements of Neutron Emission from Ti Metal in Pressurized D(2) Gas," Proceedings of The First Annual Conference on Cold Fusion, March 28-31, 1990, University of Utah Research Park, Salt Lake City, Utah. (FF Apr. 1990)
889. H.O. Menlove, M.M. Fowler, E. Garcia, M.C. Miller, M.A. Paciotti, R.R. Ryan (LANL) and S.E. Jones (BYU), "Measurement of Neutron Emission from Ti and Pd in Pressurized D(2) Gas and D(2)O Electrolysis Cells," Journal of Fusion Energy, vol. 9, no. 4, 1990, pp 495-506, 15 refs. (FF June 1991)
890. H.O. Menlove, M.A. Paciotti, T.N. Claytor and D.G. Tuggle (Los Alamos Nat'l Lab.), "Low-background Measurement of Neutron Emission from Ti Metal in Pressurized Deuterium Gas," presented at the Second Annual Conference on Cold Fusion, June 29-July 4, 1991, Como, Italy. (FF July 1991)
891. H.O. Menlove, M.M. Fowler, E. Garcia, M.C. Miller, M.A. Paciotti, R.R. Ryan (Los Alamos Natl. Lab., NM), S.E. Jones (Brigham Young University), "Measurement of Neutron Emission from Titanium and Palladium in Pressurized Deuterium Gas and Deuterium Oxide Electrolysis Cells," J. Fusion Energy, vol. 9, no. 4, pp 495-506, 1990. (FF Oct. 1991)
892. H.O. Menlove, M.A. Paciotti, T.N. Claytor, H.R. Maltrud, O.M. Rivera, D.G. Tuggle (Los Alamos Nat'l Lab.), S.E. Jones (Brigham Young University), "Reproducible Neutron Emission Measurements from Titanium Metal in Pressurized Deuterium Gas,"

- Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems, Brigham Young University, October 22-24, 1990, pp 287-301. (FF Nov. 1991)
893. H.O. Menlove, M.A. Paciotti, T.N. Claytor and D.G. Tuggle (Los Alamos Nat'l Lab.), "Low-background Measurement of Neutron Emission from Ti Metal in Pressurized Deuterium Gas," The Science of Cold Fusion, Proceedings of the II Annual Conference on Cold Fusion, Como, Italy, June 29-July 4, 1991, pp 385-394, 7 refs, 5 figs, 4 tables. (FF April 1992)
894. W.E. Meyerhof (Stanford U.), "Statistical Analysis of a 'Cold Fusion' Experiment," Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
895. M.H. Miles, K.H. Park and D.E. Stilwell (Naval Weapons Center), "Electrochemical Calorimetric Studies of the Cold Fusion Effect," Proceedings of The First Annual Conference on Cold Fusion, March 28-31, 1990, University of Utah Research Park, Salt Lake City, Utah. (FF Apr. 1990)
896. M.H. Miles, K.H. Park and D.E. Stilwell (Naval Weapons Center, China Lake, CA), "Electrochemical Calorimetric Evidence for Cold Fusion in the Palladium-deuterium System," J. Electroanalytical Chem., vol. 296, 1990, pp. 241-254. (FF Feb. 1991)
897. M.H. Miles and R.E. Miles, "Theoretical Neutron Flux Levels, Dose Rates, and Metal Foil Activation in Electrochemical Cold Fusion Experiments," J. Electroanalytical Chem., vol. 295, 1990, pp 409-414. (FF Feb. 1991)
898. M.H. Miles, B.F. Bush, G.S. Ostrom (Chem. Div., Naval Weapons Center, China Lake, CA) and J.J. Lagowski (Dept. of Chem., U. of Texas, Austin), "Heat and Helium Production in Cold Fusion Experiments," The Science of Cold Fusion, Proceedings of the II Annual Conference on Cold Fusion, Como, Italy, June 29-July 4, 1991, pp 363-372, 20 refs, 3 figs, 2 tables. (FF July 1991) (FF April 1992)
899. M.H. Miles, G.S. Ostrom, B.F. Bush and J.J. Lagowski (Chem. Div. Navy Weapons Center, China Lake, CA), "Experimental Evidence for Correlated Heat and Helium Production in Cold Fusion Experiments," Proc. Electrochemical Society, 1992, pp 287-297. (FF June 1992)
900. M.H. Miles and B.F. Bush (Naval Warfare Center, Research Dept., China Lake, CA), "Search for Anomalous Effects Involving Excess Power, Helium and Tritium During D(2)O Electrolysis Using Palladium Cathodes," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Nov. 1992)
901. M.H. Miles and B.F. Bush (Naval Air Warfare Center, Chem. Div., Research Dept., California, USA), "Calorimetric Principles and Problems in Electrochemical Cold Fusion Experiments," presented at the Third International Conference, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
902. George H. Miley, Magdi Ragheb and Heinrich Hora (U. of Illinois, Urbana), "On Aspects of Nuclear Products," Proceedings of The First Annual Conference on Cold Fusion, March 28-31, 1990, University of Utah Research Park, Salt Lake City, Utah. (FF Apr. 1990)

903. G.H. Miley (U. of Illinois, Urbana), H. Hora (University of New South Wales, Australia), J.C. Kelly and B. Temple (Fusion Studies Lab., U. of Illinois), "Study of Cold Fusion at Interfaces," presented at the Second Annual Conference on Cold Fusion, June 29-July 4, 1991, Como, Italy. (FF July 1991)
904. George H. Miley, M. Ragheb (U. of Illinois, Urbana), H. Hora (University of New South Wales, Australia), and A. Scharmann (U. of Giessen), "Plasma-surface Tension Model of Cold Fusion Reactions," Proceedings of the Cold Fusion Symposium, World Hydrogen Energy Conference #8, Honolulu, Hawaii, July 22-27, 1990. (FF Aug. 1990)
905. George H. Miley and Magdi Ragheb (Fusion Studies Lab., U. of Illinois, Urbana), Heinrich Hora (Dept. Theor. Phys., University of New South Wales, Australia), "Comments about Diagnostics for Nuclear Reaction Products from Cold Fusion," NSF/EPRI Workshop, Oct. 16-18, 1989, 23 pages, 10 figs, 15 refs. (FF Oct. 1991)
906. G.H. Miley, J.U. Patel, J. Javedani (Fusion Studies Lab., University of Illinois, Urbana), H. Hora, J.C. Kelly (Physics Dept., University of New South Wales, Australia) and J. Tompkins (Rockford Technology Assoc., Champaign, Illinois), "Multi-layer Thin Film Electrodes for Cold Fusion," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
907. Randell L. Mills and Steven P. Kneizys, "Excess Heat Production by the Electrolysis of an Aqueous Potassium Carbonate Electrolyte and the Implications for Cold Fusion," accepted for publication in Fusion Technology, August 1991, 45 manuscript pages, 15 refs. (FF May 1991)
908. Randell L. Mills (Mills Technologies, Lancaster, PA), Steven P. Kneizys (Academic Computing, Ursinus College, Collegeville, PA), "Excess Heat Production by the Electrolysis of an Aqueous Potassium Carbonate Electrolyte and the Implications for Cold Fusion," Fusion Technology, vol. 20, no. 1, Aug. 1991, pp 65-81, 9 figs. (FF Aug. 1991)
909. Randell L. Mills (Inventor), Patent Title: "Energy/Matter Conversion Methods and Structures," Int'l Publication No.: WO 90/13126; Publ. Date: 1 November 1990; Priority Date: U.S. 21 and 28 April 1989. (FF Dec. 1991)
910. S. Miljanic, N. Jevtic, S. Pesic, M. Ninkovic, D. Nikolic, M. Josipovic, Lj. Petkovska, and S. Bacic (Boris Kidric Institute of Nuclear Sciences, The Center for Fusion Research, Vinca, Yugoslavia), "An Attempt to Replicate Cold Fusion Claims," Fusion Technology, vol. 18, no. 2, Sep. 1990, pp 340-6, 6 refs. (FF Sep. 1990)
911. J.W. Mintmire et al., "Chemical Forces Associated with Deuterium Confinement in Palladium," Phys. Letters A, vol. 138, 1989, pp 51-54. (FF Feb. 1991)
912. V.K. Mishra, G. Fai and P.C. Tandy (Center for Nuclear Research, Dept. of Physics, Kent State University, Ohio) and M.R. Frank (Dept. of Physics, Hampton University, Virginia and Continuous Electron Beam Accelerator Facility, Newport News, Virginia), "Nonlocal Field Theory Model for Nuclear Matter," Physical Review C, vol. 46, no. 3, Sep. 1992. (FF Dec. 1992)

913. David H. Mitchell, "Fusion Amplification by Stimulated Emission of Radiation," Fusion Facts, Oct. 1989, pp 6-10, 5 refs.
914. Mitsuishi, S. Fukada and N. Tanimura (Kyushu University, Japan), "Absorption Breakthrough of Hydrogen Isotopes in Inert Gas Mixture and Desorption Characteristics with Zr-Ni Alloy Particle Bed," Journal of the Less-Common Metals, vol. 123, 1986, pp 65-74. (FF June 1990)
915. Nobuo Mitsuishi, Satoshi Fukada and Katsuya Kuroiwa (Dept. of Nuclear Engineering, Kyushu University, Japan), "Selective Absorption of Hydrogen Isotopes in an Inert Gas in a Zirconium Particle Bed," Journal of the Less-Common Metals, vol. 113, 1985, pp 23-31. (FF June 1990)
916. Mitsuishi, S. Fukada, H. Tokuda, T. Nawata and Y. Takai (Dept. of Nuclear Engineering, Hyushu University, Japan), "Absorption Breakthrough of Hydrogen Isotopes and Desorption in a Zirconium-vanadium Particle Bed," Fusion Engineering and Design, vol. 10, 1989, pp 343-347. (FF June 1990)
917. Hiroyuki Miyamaur, Akimasa Mega and Akito Takahashi (Dept. of Nuclear Eng., Osaka University, Japan), "Periodically Current-controlled Electrolysis of D(2)O/Pd System for Excess Heat Production," presented at the Third International Conference on Cold Fusion, October, 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
918. S. Miyamoto, K. Sueki, H. Iwai, F. Fujii, T. Shirakawa, H. Miura, T. Watanabe, H. Toriumi, T. Uehara, Y. Nakamitsu, M. Chiba, T. Hirose and H. Nakahara (Faculty of Science, Tokuo Metropolitan University, Japan), "Measurement of Protons and Observation of the Change of Electrolysis Parameters in the Galvanostatic Electrolysis of the 0.1M-LiOD/D(2)O Solution," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
919. Kiro Miyazaki (Osaka U.), "Effects of Negative-energy Propagations in Deuteron-nucleus Scatterings," Prog. Theoretical Physics, vol. 87, no. 6, 1992, pp 1421-1433. (FF Sep. 1992)
920. T. Mizuno, T. Akimoto and N. Sato, "Neutron Evolution from Annealed Palladium Cathode in LiOD - D(2) Solution," Electrochemistry, vol. 57, no. 7, July 1989. (FF Sep. 1989)
921. Tadahiko Mizuno (Hokkaido U., Sapporo, Japan), "Diffusion of Hydrogen and Deuterium under Cathodic Polarization," J. Japan Inst. Metals, vol. 5, 1991, pp 553-5571, 10 figs, 9 refs, in Japanese, translated by BARC. [Translation available from Fusion Facts.] (FF July 1992)
922. Takahiko Mizuno, T. Akimoto, K. Azumi and M. Enyo (Hokkaido U., Sapporo, Japan), "Diffusion Rate of Deuterium in Pd During Cathodic Charging," Denki Kagaku zasshi, Feb.-Mar. 1992, pp 1-7, 9 figs, 28 refs, in Japanese, translated by BARC. [Translation available from Fusion Facts.] (FF July 1992)
923. Tadahiko Mizuno, Tadashi Akimoto (Kazuhisa Azumi Dept. Nuclear Eng., Fac. Eng., Hokkaido University, Japan) and Michio Enyo (Catalysis Research Center, Hokkaido U., Japan), "Cold Fusion Reaction Products and Behavior of Deuterium Absorption in Pd

- Electrode," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
924. Da-Wei Mo, Yi S. Liu, Li Y. Zhou, Shi Y. Dong, Ke L. Wang, Shi C. Wang, Xing Z. Li (Tsinghua U., Beijing, China), "Search for Precursor and Charged Particles in Cold Fusion," *The Science of Cold Fusion, Proceedings of the II Annual Conference on Cold Fusion*, Como, Italy, June 29-July 4, 1991, pp 123-127, 6 refs, 5 figs. (FF July 1991) (FF April 1992)
925. Da-Wei Mo, Li Zhang, Bo-Xian Chen, Ke-Li Wang, Shi-Yang Dong, Ming-Yan Yao, Yu-Ying Fong, Jian Wu, Hong-Guo Huang, Jian Li, Xing-Zhong Li (Tsinghua University, Beijing, China) and Shi-Cheng Wang, Tie-Sun Kang, Nai-Zhang Huang (Inst. of High Energy Physics, Beijing, China), "Real Time Measurements of the Energetic Charged Particles and the Loading Ratio (D/Pd)," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
- a. Ya. Moizhes (Fiz.-Tekh. Inst. Im. Ioffe, Leningrad), "Formation of Compact Molecules of Deuterium in Interstices as Possible Explanation for Cold Fusion," *Pis'ma Zh. Tekh. Fiz.*, vol. 17, no. 15, 1991, pp 15-17, in Russian. (FF Sep. 1992)
926. J.D. Morgan III, "Improving the Accuracy of the Calculation of Fusion Rates of Sticking Fractions in Muon-catalyzed Fusion," *Physical Review A*, vol. 40, 15 December 1989, pp 6857-6862.
927. J.D. Morgan III, "Comment on: Deuterium Nuclear Fusion at Room Temperature: a Pertinent Inequality on Barrier Penetration," *The Journal of Chemical Physics*, vol. 93, 15 October 1990, pp 6115-6117.
928. Jerry R. Montgomery, Rondo N. Jeffery, Farhang Amiri and D. Jack Adams (Weber State College, Utah), "Correlated Nuclear and Thermal Measurements in D/Pd and H/Pd Systems," *Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems*, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
929. Monthoux, A.V. Balatsky and D. Pines, "Spin-fluctuation-induced Superconductivity," *High T(c) Update*, (author's work reviewed), Aug. 15, 1992, vol. 6, no. 16, p 1. (FF Sep. 1992)
930. Roberto A. Monti (Consiglio Nazionale Delle Ricerche, Bologna, Italy), "Cold Fusion and Cold Fission: Experimental Evidence for the Alpha-extended Model of the Atom," presented at Second Annual Conference on Cold Fusion, June 29-July 4, 1991, Como, Italy. (FF July 1991)
931. Raymond A. Moody, Jr., M.D. with Paul Perry, *COMING BACK, A Psychiatrist Explores Past-Life Journeys*, c 1990, page 189, Bantam Books, New York. (FF Oct. 1992)
932. John R. Morrey (Pacific Northwest Lab.), Mark W. Caffee (Lawrence Livermore Nat'l. Lab.), Harry Farrar IV, Nathan Hoffman (Rockwell International), G. Bryant Hudson (Lawrence Livermore), Russell H. Jones (Pacific Northwest), Mark D. Kurz (Woods Hole Oceanographic Institution), John Lupton (U. of California-Santa Barbara), Brian M. Oliver (Rockwell), Brian V. Ruiz (Lawrence Livermore), John F. Wacker (Pacific

- Northwest) and A van Veen (Delft U. of Technology, Delft, The Netherlands), "Measurements of Helium in Electrolyzed Palladium," *Fusion Technology*, vol. 18, no. 4, Dec. 1990, pp 659-668. (FF Dec. 1990)
933. Douglas R.O. Morrison (Zurich), "Cold Fusion Note No. 20," privately circulated letter from Dr. Morrison, November 1989. [Morrison is the seeker of pathological science.] (FF Dec. 1989)
934. Douglas R.O. Morrison (CERN), "The Rise and Decline of Cold Fusion," *Physics World*, Feb. 1990, pp 35-38, no references. (FF Mar. 1990)
935. Douglas R.O. Morrison, "First Annual Cold Fusion Conference," *Cold Fusion News*, no. 22, Computer net: MORRISON@VXPRIS.decnet.cern.CH, 13-17 April 1990. [Still negative.] (FF May 1990)
936. Douglas R.O. Morrison (CERN, Geneva, Switzerland), "Review of Cold Fusion Experiments," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Nov. 1992)
937. D. Mueller and L. Grisham, "Nuclear Reaction Products that Would Appear if Substantial Cold Fusion Occurred," *Fusion Technology*, vol. 16, November 1989, pp 379-382.
- a. Mugnai and A. Ranfagni (Istituto di Ricerca sulle Onde Elettromagnetiche del CNR), "Complex Classical Trajectories in Tunnelling: How Instanton Bounces Can Become Real Processes," *Il Nuovo Cimento*, vol. 14D, no. 5, May 1992, pp 541-551, 7 figs, 22 refs. (FF Oct. 1992)
938. R. Mukhopadhyay et al., "Real Time Deuterium Loading Investigation in Palladium Using Neutron, Diffraction," *Solid State Communications*, vol. 75, July 1990, pp 359-362.
939. O.J. Murphy, A.J. Appleby and S. Srinivasan, "Palladium/Hydrogen Isotope Systems: Microcalorimetric Measurements and Surface Analyses," *Proceedings of The First Annual Conference on Cold Fusion*, March 28-31, 1990, University of Utah Research Park, Salt Lake City, Utah. (FF Apr. 1990)
940. L.E. Murr, "Palladium Metallurgy and Cold Fusion: some Remarks," *Scripta Metall.*, vol. 24, 1990, pp 783-786. (FF Feb. 1991)
941. L.E. Murr, "Dislocations in Palladium," *Scripta Metall. et Mat.*, vol. 25, 1991, pp 575-578. (FF May 1991)
942. T.S. Murthy, T.S. Iyengar, B.K. Sen and T.B. Joseph, "Tritium Analysis of Samples Obtained from Various Electrolysis Experiments at BARC," *BARC Studies in Cold Fusion* (April-Sep. 1989), 10 pages. (FF Feb. 1990)
943. Murukesapilliai (Dept. of Physics, University of Jaffna, Sri Lanka), "Ignition of Thermonuclear Fuels Utilising the Energy Liberated in  $^6\text{Li}(n, T)^4\text{He}$  Reactions," *Japanese Journal of Applied Physics*, vol. 28, no. 8, Aug. 1989, pp 1462-1467. (FF Oct. 1989) (FF Feb. 1990)

944. S.M. Myers, P.M. Richards, D.M. Follstaedt and J.E. Schirber, "Superstoichiometry, Accelerated Diffusion, and Nuclear Reactions in Deuterium-implanted Palladium," *Phys. Rev. B*, vol. 43, no.12, April 15, 1991, pp 9503-10. (FF May 1991)
945. Steve Nadis, "This Place is Really Hot, Dude," *OMNI*, June 1990, p 40. [Cold Fusion heats up earth?] (FF June 1990) Kanetada Nagamine (Science College, Tokyo U.), "Muon Catalyzed Fusion," *Kino Ziryo*, vol. 10, no. 1, 1990, pp 11-15, 4 refs. (FF Sep. 1990)
946. Amal Kumar Naj (Staff Writer), "California Team Develops New Battery with up to 30% more Power per Ounce," *WSJ*, Dec. 4, 1989. (FF Dec. 1989)
947. Mutuhiro Nakada, Takehiro Kusunoki, Yasuhiko Fujii and Makoto Okamoto (Research Laboratory for Nuclear Reactors) and Osamu Odawara (Dept. of Elec. Chem., Interdisciplinaty Grad. School of Sci. and Eng., Tokyo Inst. of Tech., Japan), "A Role of Lithium for the Neutron Emission in Heavy Water Electrolysis," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
948. Fujio Nakano, "The Reality of Cold Fusion Can no Longer be Denied," *Bungeishunju*, in Japanese, March 1991. With summary of translation. (FF Sep. 1991)
949. Fujio Nakano, "The Cold Fusion Cell that Wouldn't Turn off" and Carol White, "Interview with Tadahiko Mizuno," *21st Century Science & Technology*, vol. 4, no. 4, Winter 1991, pp 59-69. (FF Jan. 1992)
950. Toshihide Nakata, Yumiko Tsuchida, Keiji Kunimatsu (IMRA Japan Co. Ltd., Sapporo, Japan), "Absorption of Hydrogen into Pd Foil Electrode: Effect of Thiourea," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
951. Deoki Nandan, A.J. Singh and R.M. Iyer (Chemistry Div., BARC), "Closed Configuration Isopiestic Cells for Long Term D(2)O Electrolysis," published by Bhabha Atomic Research Centre, Bombay, India as BARC/1991/E/008; 15 pages, 13 refs, 4 figs. (FF Feb. 1992)
- a. Nash and P. Nash, "Nickel-palladium Binary Phase Diagram," in *Binary Alloy Phase Diagrams*, Volume 2, American Society for Metals, c 1986, pp 1741-42. See also J.L. Murray, "Ni-Ti Phase Diagram" pp 1763-1768 in same volume. (FF May 1992)
952. M.G. Nayar, S.K. Mitra, P. Raghunathan, M.S. Krishnan, S.K. Malhotra, D.G. Gaonkar, S.K. Sikka, A. Shyam and V. Chitra, "Preliminary Results of Cold Fusion Studies Using a Five Module High Current Electrolytic Cell," *BARC Studies in Cold Fusion* (April-Sep. 1989), 5 pages. (FF Feb. 1990)
953. Tran Dai Nghiep, Tran Duc Thiep, Truong Thi An, Phi Thanh Huong, Tran Van Vuong (Trung Tam Vat Ly Hat Nhan, Vietnam), "Investigation of Nuclear Fusion at the Normal Temperature," *Tap Chi Vat Ly*, 1990, vol. 15, no. 1, pp 29-32, in Vietnamese. (FF April 1992)

954. Jeff Nichols, Maciej Gutowski and Jack Simons, "Fusion Rate Calculations for Hydrogen Isotopes from 300K to 1 MeV," Investigation of Cold Fusion Phenomena in Deuterated Metals, Final Report, Volume III, 1991, pp 165-196, 8 figs, 17 refs. (FF Aug. 1991)
955. L.P. Nielsen, F. Besenbacher, E. Laegsgaard and I. Stensgaard (Inst. of Physics, U. of Aarhus), "Nucleation and Growth of a H-induced Reconstruction of Ni(110)," Physical Review B, vol. 44, no. 23, Dec. 15, 1991, pp 13156-59, 3 figs, 20 refs. (FF Jan. 1992)
956. Risto Nieminen (Lab. of Physics, Helsinki U. of Technology), "Hydrogen Bands Band Together," Nature, vol. 356, no. 6367, 26 March 1992, pp 289-91, 2 figs, 7 refs. (FF May 1992)
957. Gunter Nimitz and Peter Marquardt, "A Proposal for a Lukewarm Nuclear Fusion," Fusion Technology, vol. 18, no. 3, Nov. 1990, p 518. (FF Dec. 1990)
958. V.C. Noninski and C.I. Noninski (LEPGER, Sofia, Bulgaria), "Determination of the Excess Energy Obtained During the Electrolysis of Heavy Water," Fusion Technology, vol. 19, March 1991. (FF Nov. 1989)
959. V.C. Noninski (Laboratory LEPGER, Sofia, Bulgaria), "Observation of Excess Energy is the Essence of Fleischmann-Pons Effect," Fusion Facts, June 1990, pp 20-22, 5 refs.
960. V.C. Noninski and C.I. Noninski (Lab. for Electrochemistry of Renewed Electrode-Solution Interface, Sofia), "Determination of the Excess Energy Obtained During the Electrolysis of Heavy Water," Fusion Technology, vol. 19, March 1991, pp 364-368. (FF March 1991)
961. V.C. Noninski and C.I. Noninski, "Comments on 'Measurement and Analysis of Neutron and Gamma-ray Emission Rates, Other Fusion Products and Power in Electrochemical Cells Having Palladium Cathodes'," Fusion Technology, vol. 19, no. 3, May 1991, pp 579-580, 10 refs, 1 fig. (FF Nov. 1991)
962. V.C. Noninski (LEPGER, Sofia, Bulgaria), "Excess Heat During the Electrolysis of a Light Water Solution of K<sub>2</sub>CO<sub>3</sub> with a Nickel Cathode," Fusion Technology, vol. 21, no. 2, March 1992, pp 163-167, 5 figs, 17 refs. (FF March 1992) (FF Aug. 1991)
963. Nordlander (Rutgers U.), J.K. Norskov (Technical U. of Denmark), F. Besenbacher (U. of Aarhus, Denmark) and S.M. Myers (Sandia Nat'l. Labs.), "Multiple Deuterium Occupancy of Vacancies in Pd and Related Metals," Phys. Rev. B, vol. 40, 1989, pp 1990-2. (FF Feb. 1991)
964. Reiko Notoya and Michio Enyo (Catalysis Research Center, Hokkaido U., Japan), "Excess Heat Production in Electrolysis of K<sub>2</sub>CO<sub>3</sub> Solution with Ni Electrodes," Presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
965. Numata, I. Ohno (Tokyo Institute of Technology), R. Takagi (Research Lab. for Nuclear Reactors, Tokyo), K. Kawamura (Inst. of R&D, Takai U., Kanagawa), S. Haruyama (Tokyo National Col. of Tech., Tokyo, Japan), "Neutron Emission and Surface Observation During a Long-term Evolution of Deuterium on Pd in 0.1 M LiOD," The



- Science of Cold Fusion, Proceedings of the II Annual Conference on Cold Fusion, Como, Italy, June 29-July 4, 1991, pp 71-80, 16 refs, 13 figs, 2 tables. (FF July 1991) (FF April 1992)
967. Yu. Ts. Oganessian (Lab. Nucl. React., Jt. Inst. Nucl. Res., Moscow), "Reactions Leading to the Synthesis of Heavy Elements," API Conf. Proc. 1992, vol. 250 (Towards Unified Pict. Mucl. Dyn.), pp 465-87, 36 refs. (FF July 1992)
968. H. Ohashi et al., "Decoding of Thermal Data in Fleischmann and Pons Paper," J. of Nuclear Science and Technology, vol. 26, July 1989, pp 729-32.
969. T. Ohi, T. Sano, T. Terasawa, S. Nezu (IMRA Material R&D Co. Ltd., Aichi, Japan), "Preparation of Pd Electrodes and their Hydrogen Loading," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
970. Y. Oka, S. Koshizuka and S. Kondo "Electrochemically Induced Deuterium-tritium Fusion Power Reactor -- Preliminary Design of a Reactor System," Fusion Technology, Sep. 1989. (FF Sep. 1989)
971. Okamoto, N. Takahashi and Y. Fujii, "Anomalous Neutron Burst in Heavy Water Electrolysis," presented at Second Annual Conference on Cold Fusion, June 29-July 4, 1991, Como, Italy. (FF July 1991)
972. J.R. Oppenheimer and M. Philips, "Note on the Transmutation Function for Deuterons," Phys. Rev., vol. 48, 1935, pp 500-2. (FF Nov. 1989)
973. R.A. Oriani, J.C. Nelson, S.K. Lee and J.H. Broadhurst, "Calorimetric Measurements of Anomalous Power Produced by Cathodic Charging of Deuterium into Palladium," presented at the Electrochemical Society meeting at Hollywood, FL, Oct. 19, 1989 (FF Nov. 1989)
974. R.A. Oriani, John C. Nelson, Sung-Kyu Lee and J.H. Broadhurst (U. of Minnesota), "Calorimetric Measurements of Excess Power During the Cathodic Charging of Deuterium into Palladium," Fusion Technology, vol. 18, no. 4, December 1990, pp 652-8. (FF Jan. 1991)
975. Janet Osteryoung (SUNY, NY), "Square-wave and Staircase Voltammetry at Small Electrodes," NATO ASI Ser., Ser. E, vol. 197 (Microelectrodes), 1991, pp 139-175, 19 refs. (FF April 1992)
976. Ken-ichio Ota, Mitsuru Nakamura, Masaki Kuratsuka, Kotoji Ando, Yoshihiro Iida, Hideaki Yoshitake and Nobuyuki Kamiya (Dept. of Energy Engineering, Yokohama National U., Japan), "Heat Production at the Heavy Water Electrolysis Using Mechanically Treated Pd Cathode," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
977. Noboru Oyama, Nobushige Yamamoto, Osamu Hatozaki and Takeo Ohsaka (Dept. of Applied Chemistry, Faculty of Technology, Tokyo University of Agriculture & Technology, Koganei, Tokyo), "Probing Absorption of Deuterium into Palladium Cathodes During D(2)O Electrolysis with an In Situ Electrochemical Microbalance

- Technique," Japanese Journal of Applied Physics, vol. 29, no. 5, May 1990, pp L818-21, 18 refs. (FF Sep. 1990)
978. Noboru Oyama<sup>1</sup>, Takeo Ohsaka<sup>2</sup>, Osamu Hatozaki, Yuko Kurasawa, Nobushige Yamamoto, Tomoo Nakamura<sup>3</sup>, Tokushi Shibata, Mineo Imamura, Yoshitomo Uwanimo and Seiichi Shibata<sup>4</sup> (<sup>1</sup>Tokyo U. of Agriculture and Technology, <sup>2</sup>Tokyo Institute of Technology, <sup>3</sup>Japan Atomic Energy Research Institute, <sup>4</sup>U. of Tokyo, Japan), "Electrochemical Calorimetry of D(2)O Electrolysis Using a Palladium Cathode--an Undivided, Open Cell System," Bulletin of the Chemical Society of Japan, vol. 63, 1990, pp 2659-2664. (FF Dec. 1990)
979. Noboru Oyama, Takashi Terashima, Seji Kasahara, Osamu Hatozaki, Takeo Ohsaka and Tetsu Tatsuma (Dept. of Applied Chem., Tokyo U. of Agriculture and Technology), "Electrochemical Calorimetry of D(2)O Electrolysis Using a Palladium Cathode in a Closed Cell System," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Nov. 1992)
980. Noboru Oyama, Nobushige Yamamoto and Tetsu Tatsuma (Dept. of Applied Chem., Tokyo University of Agriculture and Technology, Japan), "In situ Electrochemical Quartz Crystal Microbalance Studies of Water Electrolysis at a Palladium Cathode," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
981. Francisco Pacheco (Inventor), "Bi-polar Auto Electrolytic Hydrogen Generator," U.S. Patent No. 5,089,107, Feb. 18, 1992, 2 figs, 7 claims. (FF Oct. 1992)
982. M.A. Paciotti, H.R. Maltrud, H.O. Menlove, O.M. Rivera (Los Alamos Nat'l. Lab.) and S.E. Jones (BYU), "Sample Preparation for Reproducible Neutron Bursts," Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
983. N.J.C. Packham, K.L. Wolf, J.C. Wass, R.C. Kainthla and J.O'M. Bockris (Dept. of Chemistry and the Cyclotron Institute, Texas A&M), "Production of Tritium from D(2)O Electrolysis at a Palladium Cathode," J. Electroanalytical Chem., vol. 270, 1989, pp 451-458. (FF Sep. 1989)
984. Evelina Palibroda, Peter Gluck (Institute of Isotopic and Molecular Technology, Romania) "Cold Nuclear Fusion in Thin Foils of Palladium," presented at Second Annual Conference on Cold Fusion, June 29-July 4, 1991, Como, Italy. (FF July 1991)
985. Evelina Palibroda, P. Gluck (Inst. of Isotopic & Molecular Tech.), "Cold Nuclear Fusion in Thin Foils of Palladium, Part I," Journ. Radioanalytical Nucl. Chem. Lett, 6 page manuscript, 2 figs, 7 refs. (FF Dec. 1991)
- a. Paul Palmer (BYU), "Cold Nuclear Fusion in the Earth," Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems Conference, Brigham Young University, October 22-24, 1990. (FF Dec. 1990)
986. Zh. Pancheva, G. Shterev (Bulgaria), "Thermodynamic Characteristics of the Adsorption of Hydrogen on Palladiumized Electrodes," Nauchni Tr. - Plovdivski U., 1988, no. 26 (5, Khim.), pp 159-174, in Bulgarian. (FF Jan. 1992)

987. Zh. Pancheva, G. Shterev (Bulgaria), "Effect of the Amount of the Deposited Palladium on the Electrocatalytic Activity of Palladiumized Electrode," Nauchni Tr. - Plovdivski U., 1988, no. 26 (5, Khim.), pp 175-83, in Bulgarian. (FF Jan. 1992)
988. Zh. Pancheva, G. Shterev (Bulgaria), "Effect of Temperature on the Adsorption of the Hydrogen on Palladiumized Gold Electrode," Nauchni Tr.-Plovdivski U., 1988, no. 26 (5, Khim.), pp 185-91, in Bulgarian. (FF Jan. 1992)
- a. Foglio Para, V. Sangiust, P.L. Caballotti, U. Ducati and P.F. Bortignon (Milano Polytech), "Neutron Monitoring and Related Measurements During Electrolysis of Heavy Water with Palladium and Titanium Cathodes: Activity Report," Fusion Technology, vol. 18, no. 1, August 1990, pp 131-135, 10 refs. (FF Sep. 1990)
989. T.A. Parish (Texas A&M), R.T. Perry and W.B. Wilson (LANL), "Neutron Sources and Spectra from Cold Fusion," Journal of Fusion Energy, vol. 9, no. 4, 1990, pp 479-481, 7 refs. (FF June 1991)
990. John C. Parker (Nanophase Technologies, Darien, Illinois), "Synthesis and Properties of Nanophase Ceramics for Technological Applications," presented at P/M in Aerospace and Defense Technology Symposium, Tampa, FL, 1991, 4 figs, 16 refs. (FF June 1992)
991. R. H. Parmenter and W. E. Lamb, "Cold Fusion in Metals," Proceedings of the National Academy of Science, vol. 86, November 1989, pp 8614-8617.
992. H. Parmenter and Willis E. Lamb, Jr., (Dept. of Physics, Arizona Research Laboratories, U. of Arizona), "More Cold Fusion in Metals: Corrected Calculations and other Considerations," Proceedings of the National Academy of Sciences of the USA, vol. 87, April 1990, pp 3177-3179, 10 refs. (FF July 1990)
993. R.H. Parmenter and Willis E. Lamb, Jr., "Cold Fusion in Palladium: a More Realistic Calculation," Proc. Natl. Acad. Sci. USA, vol. 87, 1990, pp 8652-8654. (FF April 1991)
994. F. Parmigiani and P.G. Sona, "Theoretical Considerations on the Cold Nuclear Fusion in Condensed Matter," Il Nuovo Cimento, vol. 11 D, June 1989, pp 913-919.
995. Linus Pauling, in a letter, "Explanations of Cold Fusion," Nature, vol. 339, 1989, p 105. (FF Feb. 1991)
996. Chris Peacock, "Anyon Fusion," Fusion Facts, March 1992.
997. V. P. Permyakov, V. M. Shilov (Ob'edin. Inst. Yad. Issled., USSR), "Subbarrier Fusion of Complex Nuclei," Fiz. Elem. Chastits At. Yadra, vol. 20, no. 6, 1989, pp 1396-1438, 110 refs, in Russian. (FF Sep. 1990)
998. Peterson, "Squeezing Light for Precision Speed," Science News, vol. 141, no. 22, p 356. (FF June 1992)
999. John R. Peterson, "Deuterium-gas Phase Reactions on Palladium," Investigation of Cold Fusion Phenomena in Deuterated Metals, Final Report, Volume I, 1991, pp 151-184, 15 figs. (FF Aug. 1991)
1000. C. Petitjean, "Muon Catalyzed Fusion," Fusion Engineering and Design, July 1989, pp 255-264.

1001. V.N. Petitjean (Paul Scherrer Inst. Villigen), "Progress in Muon Catalyzed Fusion," Nuclear Physics A, vol. A543, no. 1-2, 1992, pp 79c-98c, 110 refs. (FF Oct. 1992)
1002. Petrillo, F. Sacchetti (CNR, Frascati, Italy), "A Possible Mechanism for Bulk Cold Fusion in Transition Metals Hydrides," Europhys. Letters, vol. 10, no. 1, 1989 pp 15-18. (FF Dec. 1989)
1003. R. Petrosso, "Problems with the Gamma-ray Spectrum in the Fleischmann et al. Experiments," Nature, May 18, 1989, pp 183-185.
1004. Lj. Petrovic, B.M. Jelenkovic and A.V. Phelps (U. of Colorado), "Excitation by and Surface Reflection of Fast Hydrogen Atoms in Low-pressure Hydrogen Discharges," Phys. Rev. Letters, vol. 68, no. 3, pp 325-8, 2 figs, 16 refs. (FF Feb. 1992)
1005. Ryszard Pietrzak (Inst. Phys., Pedagogical University of Opole, Poland), "Investigation of Diffusion and Migration of Hydrogen, Deuterium and Tritium in Palladium in a Hall Field," J. of the Less-Common Metals, vol. 169, no. 2, May 1991, pp 227-234, 4 figs, 10 refs. (FF Nov. 1991)
1006. Steve Pike and Chip Ransford (Nova Resources Group, Inc., Littleton, Colorado), "Applications of Cold Fusion," Fusion Facts, February 1992, pp 13-14, 2 figs.
1007. Joseph F. Pinkerton (Pinkerton Generator Inc.), "High Efficiency Electrical Machine," U.S. Patent No. 4,945,273, July 31, 1990, 67 claims, 5 drawings. (FF Oct. 1991)
1008. Andrew J. Pollack (Staff Writer), "Cold Fusion, Derided in US, is Hot in Japan," the Science Times section of New York Times, Nov. 17, 1992, page C1. (FF Nov. 1992)
1009. Stanley Pons (U. of Utah, NCFI), "Calorimetry of the Palladium-deuterium System," Proceedings of The First Annual Conference on Cold Fusion, March 28-31, 1990, University of Utah Research Park, Salt Lake City, Utah. (FF Apr. 1990)
1010. Stanley Pons, "Measurement of Gamma-rays from Cold Fusion," Nature, June 29, 1989, pp 690-691. Response to Petrosso's article, "Problems with the Gamma-ray Spectrum."
1011. Stanley Pons and Martin Fleischmann (U. of Utah), "Calorimetric Measurements of the Palladium/Deuterium System: Fact and Fiction," Fusion Technology, vol. 17, no. 4, July 1990, pp 669-679, 31 refs. (FF July 1990)
  - a. Pons, M. Fleischmann (listed as U. of Utah but working in France), "Concerning the Detection of Neutrons and Gamma-rays from Cells Containing Palladium Cathodes Polarized in Heavy Water," Il Nuovo Cimento Soc. Ital. Fis. A, vol. 105A, no. 6, 1992 pp 763-72 (FF Oct. 1992)
1012. Robert Pool, "Will New Evidence Support Cold Fusion?," Science, vol. 206, p 246.
1013. Robert Pool, "Teller, Chu 'Boost' Cold Fusion," Research News, 27 Oct. 1989, p 449.
1014. Robert Pool, "In Hot Water Over Cold Fusion," Science, vol. 246, December 15, 1989, p 1384. (FF Jan. 1990)
1015. Robert Pool (Science Writer), "Cold Fusion at Texas A&M: Problems, but no Fraud," Science, vol. 250, 14 Dec. 1990, pp 1507-8. (FF Feb. 1991)

1016. N. Porile, "Cold Fusion as the Subject of a Final Exam in Honors General Chemistry," *Journal of Chemical Education*, November 1989, pp 932-933.
1017. Otis Port, "Cold Fusion Isn't Dead in the Water Yet," *BusinessWeek*, March 2, 1992, pp 90-2. (FF March 1992)
1018. Mark Potts (Staff Writer), "VA Firm Claims Cold Fusion Breakthrough," *The Washington Post*, August 11, 1992, page E1.
1019. G.L. Powell, J.R. Kirkpatrick (Oak Ridge) and J.W. Conant (Los Alamos), "Surface Effects in the Reaction of H and D with Pd-macroscopic Manifestations," *J. of the Less-Common Metals*, vols. 172-174, Aug. 30, 1991, pp 867-872, 3 figs, 13 refs. (FF Dec. 1991)
1020. Alexandre E. Pozwolski (Paris, France), "Cumulative Effects in Impact Fusion," *Indian Journal of Pure Appl. Physics*, vol. 30, no. 1, 1992, pp 33-4. (FF April 1992)
1021. P. Pratie, G. Ricco, M. Taiuti, C. Boragno, R. Eggenhoffner and U. Valbusa (INFN, Genova), "Search for Neutron Emission from Titanium-deuterium Systems," *Il Nuovo Cimento*, vol. 105 A, no. 2, February 1992, pp 293-299, 8 refs, 6 figs. (FF June 1992)
1022. Mark A. Prelas, "Advanced Energy Conversion Methods for Cold Fusion," *Fusion Technology*, Sep. 1989. (FF Sep. 1989)
1023. Giuliano Preparata (National Cold Fusion Institute and U. of Milano, Italy), "Fractofusion Revisited," *Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems*, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
1024. Giuliano Preparata (University of Milano), "Some Theoretical Ideas on Cold Fusion," *Proceedings of The First Annual Conference on Cold Fusion*, March 28-31, 1990, University of Utah Research Park, Salt Lake City, Utah. (FF Apr. 1990)
1025. Giuliano Preparata (Dipartimento di Fisica, Universita di Milano, Italy), "Theories of 'Cold' Nuclear Fusion: a Review," presented at National Cold Fusion Institute, November 1990. (FF Jan. 1991)
1026. Giuliano Preparata (Dept. Physics, U. of Milano), "Do We Understand the Moessbauer Effect?," presented at the VII Summer Course in Nuclear Physics, L'Aquila, Italy, July 1990. Author's manuscript MITH 91/7. 10 manuscript pages, 9 refs. (FF March 1991)
1027. Giuliano Preparata (U. of Milan, Dept. of Physics), "Some Theories of Cold Nuclear Fusion: A Review," *Fusion Technology*, vol. 20, no. 1, Aug. 1991, pp 82-92, 6 figs, 40 refs. (FF Aug. 1991)
1028. Giuliano Preparata, "Theories of Cold Nuclear Fusion: a Review," *Investigation of Cold Fusion Phenomena in Deuterated Metals*, Final Report, Volume III, 1991, pp 205-236, 6 figs, 40 refs. (FF Aug. 1991)
1029. G. Preparata (National Cold Fusion Inst., Salt Lake City, Utah, U. of Milano), "A New Look at Solid-state Fractures, Particle Emission and Cold Nuclear Fusion," *Il Nuovo Cimento Soc. Ital. Fis. A*, vol. 104A, no. 8, 1991, pp 1259-1263. (FF Jan. 1992)

1030. Giuliano Preparata (Dip. di Fisica, U. di Milano), "Cold Fusion: What do the Laws of Nature Allow and Forbid?," *The Science of Cold Fusion, Proceedings of the II Annual Conference on Cold Fusion, Como, Italy, June 29-July 4, 1991*, pp 453-461, 29 refs, 1 fig, 2 tables. (FF April 1992)
1031. Giuliano Preparata (INFN - Laboratori Nazionali di Frascati and Dipartimento di Fisica, Universita di Milano, Italy), "Theory of Cold Fusion in Deuterated Palladium," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
1032. P.B. Price, S.W. Barwick, and W.T. Williams, "Search for Energetic - Charged - Particle Emission from Deuterated Ti and Pd Foils," *Physical Review Letters*, vol. 63, 30 October 1989, pp 1926-1929.
1033. P.B. Price (Physics Dept., U. of California, Berkeley), "Search for High-energy Ions from Fracture of LiD Crystals," *Nature*, vol. 343, 8 February 1990, pp 542-544, 18 refs. (FF Mar. 1990)
1034. Hal Puthoff, "Zero Point Energy," *Fusion Facts*, Sep. 1991, pp 1-2.
1035. Guogand Qin, Qingzhi Peng, Jishi Fu, Lizhu Zhang and Bosui Zhang (Dept. Physics, Beijing U.) *Wuli Xuebao*, vol. 40, no. 6, 1991, pp 943-8, in Chinese. (FF Dec. 1991)
1036. Liming Qin and Tansheng Cheng (Physics Dept., Beijing U.), "What Can We Learn from the Magnetic Structure Function of the Deuteron?," *Quark-Gluon Structure, Hadrons Nucleus Proc. Int. Workshop, 1990*, published in 1992, pp 291-3. (FF Sep. 1992)
1037. Mario Rabinowitz (Electric Power Research Institute, Palo Alto, CA), "Cluster-impact Fusion: New Physics or Experimental Error," *Modern Physics Letters B*, vol. 2, no. 10, 1990, pp 665-671, 19 refs. (FF Sep. 1990)
1038. Mario Rabinowitz and David H. Worledge (Electric Power Research Institute), "An Analysis of Cold and Lukewarm Fusion," *Fusion Technology*, vol. 17, March 1990, pp 344-349, 25 refs. (FF Mar. 1990)
1039. Mario Rabinowitz (Electric Power Research Institute), "High Temperature Superconductivity and Cold Fusion," *Modern Physics Letters B*, vol. 4, no. 4, 1990, pp 233-247. (FF Jan. 1991)
1040. T.P. Radhakrishnan, R. Sundaresan, J. Arunachalam, V. Sitarama Raju, R. Kalyanaraman, S. Gangadharan and P.K. Iyengar, "Search for Electrochemically Catalysed Fusion of Deuterons in Metal Lattice," *BARC Studies in Cold Fusion*, (April-Sep. 1989), 11 pages, 5 refs. (FF Feb. 1990)
1041. T.P. Radhakrishnan, R. Sundaresan, S. Gangadharan, B.K. Sen, T.S. Murthy, "Tritium Generation During Electrolysis Experiment," *BARC Studies in Cold Fusion*, April-Sep. 1989, 13 pages. (FF Feb. 1990)
1042. H.E. Rafelski (U. of Arizona), D. Harley, G.R. Shin, J. Rafelski (Inst. Theor. Phys., U. of Frankfurt, Germany), "Cold Fusion: Muon-catalyzed Fusion," *J. Phys. B, At. Mol. Opt. Phys.*, vol. 24, no. 7, 1991, pp 1469-516, 115 refs. (FF June 1991) (FF Oct. 1991)

1043. Rafelski (U. of Arizona), "Theoretical Prospects for CCF: Conventional Cold Fusion," Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
1044. Johann Rafelski, Mikolaj Sawicki, Mariusz Gajda and David Harley (U. of Arizona), "How Cold Fusion Can be Catalyzed," Fusion Technology, vol. 18, no. 1, August 1990, pp 136-142, 27 refs. (FF Sep. 1990)
1045. J. Rafelski and S.E. Jones, "Cold Nuclear Fusion," Scientific American, vol. 267, pp 84-89, July 1987.
1046. Magdi Ragheb and George H. Miley, "On the Possibility of Deuteron Disintegration in Electrochemically Compressed D<sup>+</sup> in a Palladium Cathode," Fusion Technology, vol. 16, Sep. 1989, pp 243-247. (FF Oct. 1989)
1047. Ragheb and G.H. Miley (Dept. Nucl. Eng., U. of Illinois, USA), "Deuteron Disintegration in Condensed Media," J. of Fusion Energy, vol. 9, no. 4, 1990, pp 429-435, 6 figs, 21 refs. (FF Oct. 1991)
1048. P. Raj, P. Suryanarayana, A. Sathyamoorthy and T. Datta, "Search for Nuclear Fusion in Gas Phase Deuteriding of Titanium Metal," BARC Studies in Cold Fusion, April-Sep. 1989, 4 pages, 4 refs. (FF Feb. 1990)
1049. Raj K. Rajamani and Florent Bourgeois, "Excess Heat Estimation with the Kalman Filter," Investigation of Cold Fusion Phenomena in Deuterated Metals, Final Report, Volume I, 1991, pp 263-276, 4 figs, 3 refs. (FF Aug. 1991)
1050. K. Govinda Rajan, U. Kamachi Mudali, R.K. Dayal and P. Rodriguez (Indira Gandhi Centre for Atomic Research, Kalpakkam, India), "Electromigration Approach to Verify Cold Fusion Effects," Fusion Technology, vol. 20, no. 1, Aug. 1991, pp 100-104, 5 figs, 11 refs. (FF Aug. 1991)
1051. Rambaut, "Double Screened Coulomb Barrier Accounts for Neutrons Production in Cluster and Other Fusion Experiments," Physics Letters A, vol. 164, no. 2, April 13, 1992, 6 figs, 17 refs. (FF May 1992)
1052. Ramesh, S. Anapoorni and K.V.S. Rama Rao (Magnetism and Magnetic Materials Laboratory, Dept. of Phys., Indian Institute of Technology, Madras), "Solubility of Hydrogen in Zr(1-x) Ho(x) Co(2) (0 < x < 1) Alloys," J. of the Less-Common Metals, vol 170, 1991, pp 75-82, 4 figs, 13 refs. (FF Oct. 1991)
- a. Rami, A. Lasia (Dept. de Chimie, U. de Sherbrooke, Quebec, Canada), "Kinetics of Hydrogen Evolution on Ni-Al Alloy Electrodes," J. of Appl. Electrochem., no. 22, 1992, pp 376-382, 8 figs, 2 tables, 34 refs. (FF June 1992)
1053. K. Annaji Rao, "Technique for Concentration of Helium in Electrolytic Gases for Cold Fusion Studies," BARC Studies in Cold Fusion (April-Sep. 1989), 5 pages, 3 refs. (FF Feb. 1990)
1054. Signe Kjelstrup Ratkje and Bjorn Hafskjold (U. of Trondheim), "Local Heat Effects by Electrolysis of Heavy Water," J. Electroanalytical Chem., vol. 273, 1989, pp 269-273. (FF Jan. 1990)

1055. C. Raymond, "Cold Fusion Brouhaha Signals Shifts in the Way Science Proceeds," *Cronicle of Higher Education*, May 24, 1989, 1, A8.
1056. Don Reed, "Towards a Structural Model for the Fundamental Electrodynamical Fields of Nature," *Extraordinary Science*, vol. 4, issue 2, Apr./May/June 1992, pp 28-33, 2 figs, 22 refs. (FF Aug. 1992)
1057. K. E. Rehm et al., "Search for Protons from the  $^2\text{H}(d, p)^3\text{H}$  Reaction in an Electrolytic Cell with Pd-Pt Electrodes," *Physical Review C*, vol. 41, January 1990, pp 47-49.
1058. Lucy Reilly (Senior Staff Writer), "Cold Fusion Warms Anew," *Washington Technology*, vol. 7, no. 9, Aug. 13, 1992, (FF Sep. 1992)
1059. Glen Rein (Quantum Biology Res. Lab., Palo Alto), "Utilization of a Cell Culture Bioassay for Measuring Quantum Potentials Generated from a Modified Caduceus Coil," 26th Intersociety of Energy Conversion Engineering Conference -91 Proceedings, Boston, vol. 4, Aug. 4-9, 1991, pp 400-3, 20 refs. (FF Nov. 1991)
1060. G. Ricco, M. Anghinolfi, P. Corvisiero, P. Prati, M. Taiuti, C. Boragno, R. Eggenhoffner, U. Valbusa (Dept. of Physics, Sezione di Genova, Italy), "A Large Solid Angle Multiparameter Neutron Detector," *The Science of Cold Fusion, Proceedings of the II Annual Conference on Cold Fusion, Como, Italy, June 29-July 4, 1991*, pp 255-260, 5 refs, 3 figs. (FF July 1991) (FF April 1992)
1061. R.A. Rice, G.S. Chulick, Y.E. Kim (Purdue U.) and M. Rabinowitz (Electric Power Research Institute, Palo Alto, CA), "Cluster-transport Impact Fusion," *Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems, Brigham Young University, October 22-24, 1990*. (FF Nov. 1990)
1062. Robert A. Rice, Gary S. Chulick and Yeong E. Kim (Purdue U.), "The Effect of Velocity Distribution on Cold Deuterium-deuterium Fusion," a paper submitted to the First Annual Conference on Cold Fusion, Salt Lake City, Utah, March 27-30, 1990. (FF Feb. 1990)
1063. Robert A. Rice, Gary S. Chulick, Yeong E. Kim and Jin-Hee Yoon (Purdue U.) "The Effect of Velocity Distribution on Cold Deuterium-deuterium Fusion," *Proceedings of The First Annual Conference on Cold Fusion, March 28-31, 1990, University of Utah Research Park, Salt Lake City, Utah*. (FF Apr. 1990)
- 1064.
1065. Robert A. Rice, Gary S. Chulick, Yeong E. Kim and Jin-Hee Yoon (Purdue U.), "The Role of Velocity Distribution in Cold Deuterium-deuterium Fusion," *Fusion Technology*, vol. 18, no. 1, August 1990, pp 147-150, 13 refs. (FF Sep. 1990)
1066. P.M. Richards (Sandia), Molecular-dynamics Investigation of Deuteron Separation PdD(1.1)," *Physical Review B*, vol. 40, no. 11, 15 Oct. 1989, pp 7966-7968. (FF Nov. 1989)
1067. Xing Rihong (Inst. of Southwest Nuclear Physics and Chem.), Gao Guolong, Long Huqing (Inst. of Materials, China Academy of Engr. Physics), "The Detection of Neutrons in Discharge Device with Palladium Electrode and Deuterium Gas," presented



- at the Second Annual Conference on Cold Fusion, June 29-July 4, 1991, Como, Italy. (FF July 1991)
1068. A.M. Riley, R.M. Winter, J.D. Seader, D.W. Pershing, "Flow Calorimetry and Related Experiments," Investigation of Cold Fusion Phenomena in Deuterated Metals, Final Report, Volume II, pp 1-84, 1991, 27 figs, 2 refs. (FF Aug. 1991)
  1069. A.M. Riley, John Cook, R.M. Winter, J.D. Seader, D.W. Pershing, "Seebeck Calorimetry," Investigation of Cold Fusion Phenomena in Deuterated Metals, Final Report, Volume II, pp 2-85-2-122, 1991, 7 figs, 4 refs. (FF Aug. 1991)
  1070. A.M. Riley [deceased], J.D. Seader, D.W. Pershing, D.C. Linton and S. Shimizu, "Measurement of Absorption of Deuterium in Palladium During Electrolysis of Heavy Water," Investigation of Cold Fusion Phenomena in Deuterated Metals, Final Report, Volume II - Engineering, NCFI, U. of Utah, June 1991, pp 2-123 to 2-193, 33 figs, 47 refs, 4 appendices. (FF Aug. 1991) (FF Jan. 1992)
  1071. A.M. Riley [deceased], J.D. Seader, D.W. Pershing, J. Cook, "Heat Conduction Calorimeters for Electrolysis of Heavy Water at Low Power Input," Investigation of Cold Fusion Phenomena in Deuterated Metals, Final Report, Volume II -Engineering, NCFI, U. of Utah, June 1991, pp 2-194 to 2-223, 7 figs, 5 refs, 4 tables. (FF Jan. 1992)
  1072. A.M. Riley [deceased], J.D. Seader, D.W. Pershing, J. Cook, "Development of an Improved Heat-flow Calorimeter," Investigation of Cold Fusion Phenomena in Deuterated Metals, Final Report, Volume II - Engineering, NCFI, U. of Utah, June 1991, pp 2-224 to 2-238, 5 figs, 3 refs. (FF Jan. 1992)
  1073. A.M. Riley [deceased], J.D. Seader, D.W. Pershing, T. Williams and D.C. Linton, "Determination of Critical Cold Fusion Parameters by Measuring Excess Tritium from Small-cell Electrolysis Experiments," Investigation of Cold Fusion Phenomena in Deuterated Metals, Final Report, Volume II - Engineering, NCFI, U. of Utah, June 1991, pp 2-239 to 2-245, 1 figs, 2 refs, 1 table. (FF Jan. 1992)
  1074. A.M. Riley [deceased], J.D. Seader and D.W. Pershing, "Search for Neutron Emission from Deuterated Palladium at Low Temperatures," Investigation of Cold Fusion Phenomena in Deuterated Metals, Final Report, Volume II -Engineering, NCFI, U. of Utah, June 1991, pp 2-246 to 2-250, 7 refs. (FF Jan. 1992)
  1075. Kenneth A. Ritley, Peter M. Dull, Marc H. Weber, Michael Carroll, James J. Hurst, and Kelvin G. Lynn (Brookhaven National Laboratory), "The Behavior of Electrochemical Cell Resistance: a Possible Application to Cold Fusion Experiments," Fusion Technology, vol. 17, no. 3, July 1990, pp 699-703, 8 refs. (FF July 1990)
  1076. K.A. Ritley, K.G. Lynn, P. Dull, M.H. Weber, H. Wiesmann (Brookhaven), "A Search for Cold Fusion Signatures in Cathodically Charged Palladium," Proceedings of the Cold Fusion Symposium, World Hydrogen Energy Conference #8, Honolulu, Hawaii, July 22-27, 1990. (FF Aug. 1990)
  1077. #8, Honolulu, Hawaii, July 22-27, 1990. (FF Aug. 1990)
  1078. K.A. Ritley et al., "A Search for Tritium Production in Electrolytically Deuteride Palladium," Fusion Technology, vol. 19, January 1991, pp 192-195.

1079. Edmund S. Rittner, Andrew Meulenber, Jr., "A Chemical Interpretation of Heat Generated in 'Cold Fusion'," J. Fusion Energy, vol. 9, no. 4, 1990, pp 377-382. (FF Oct. 1992)
- 1080.
1081. Robrecht, J. Hasse, E.W. Scheidt, and K. Luders (U. Postfach and Freie U., Berlin), "Specific Heat of Amorphous U-Fe, U-Co, and U-Ni Alloys," Z. Phys. B - Condensed Matter, vol. 85, no. 2, Nov 1991, pp 249-253, 2 figs, 2 tables, 15 refs. (FF Feb. 1992)
1082. Peter A. Rock et al., "Energy Balance in the Electrolysis of Water with a Palladium Cathode," Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, vol. 293, 25 October 1990, pp 261-267.
1083. B. Rodnacq (Centre D'Etudes Nucleaires de Grenoble), B. George, M. Vaezzadeh and Ph Mangin (U. de Nancy I), "Giant Magnetoresistance in Ag/Ni Superlattices," Physical Review B, vol. 46, no. 2, pp 1206-1208, 3 figs, 23 refs. (FF Aug. 1992)
1084. Stephen A. Roen, Patent Attorney, "Establishment of Adequate Disclosure Requirements for Patent Applications in the Cold Fusion Art," Fusion Facts, Sep. 1991, p 22.
1085. Vern C. Rogers and Gary M. Sandquist, "Isotopic Hydrogen Fusion in Metals," Fusion Technology, Sep. 1989. (FF Sep. 1989)
1086. Vern C. Rogers, Gary M. Sandquist, Kirk K. Nielson (Rogers & Assoc., SLC, UT), "Deuterium Concentration and Cold Fusion Rate Distributions in Palladium," Fusion Technology, vol. 16, no. 4, 1989, pp 523-525. (FF Mar. 1990)
1087. V.C. Rogers and G.M. Sandquist (Rogers & Assoc., SLC, UT), "Cold Fusion Reaction Products and Their Measurement," Journal of Fusion Energy, vol. 9, no. 4, 1990, pp 483-485, 7 refs. (FF June 1991)
1088. Vern C. Rogers and Gary M. Sandquist, "Isotopic Hydrogen Fusion in Metals," Investigation of Cold Fusion Phenomena in Deuterated Metals, Final Report, Volume III, 1991, pp 66-83, 2 figs, 15 refs. (FF Aug. 1991)
1089. Vern C. Rogers, Gary M. Sandquist, and Kirk K. Nielson, "Deuterium Concentration and Cold Fusion Rate Distributions in Palladium," Investigation of Cold Fusion Phenomena in Deuterated Metals, Final Report, Volume III, 1991, pp 103-111, 8 refs. (FF Aug. 1991)
1090. Debra R. Rolison, William E. O'Grady, Robert J. Doyle, Jr. and Patricia P. Trzaskoma (Naval Research Lab.), "Anomalies in the Surface Analysis of Deuterated Palladium," Proceedings of The First Annual Conference on Cold Fusion, March 28-31, 1990, University of Utah Research Park, Salt Lake City, Utah. (FF Apr. 1990)
1091. Debra R. Rolison and Patricia P. Trzaskoma (NRL), "Morphological Differences between Hydrogen-loaded and Deuterium-loaded Palladium as Observed by Scanning Electron Microscopy," J. Electroanalytical Chem., vol. 287, no. 2, 25 Jul. 90, pp 375-383, 8 refs. (FF June 1991)

1092. Debra R. Rolison and William E. O'Grady (Surface Chem. Branch, Naval Res. Lab.), "Observation of Elemental Anomalies at the Surface of Palladium after Electrochemical Loading of Deuterium or Hydrogen," *Analytical Chem.*, Sep. 1, 1991, vol. 63, no. 17, pp 1697-1702, 25 refs. (FF Nov. 1991)
1093. V.A. Romodanov, V.I Savin, M.V. Shakhurin, V.T. Chernyavskii and A.E. Oustovit, "Nuclear Fusion in a Solid," *Sh. Tekh. Fiz.*, 1991, vol. 61, no. 5, pp 122-125, in Russian. (FF Sep. 1992)
1094. Zhu Rongbao, Wang Xiaozhong, Lu Feng, Ding Dazhao, He Jianyu, Liu Hengjun, Jiang Jincai, Chen Guoan, Yuan Yuan, Yang Liucheng, Chen Zhonglin (China Institute of Atomic Energy, Beijing), "Neutron Burst Determination of Gas-metal System and Computerized Time Distribution Retrieval System for Burst Detection," presented at Second Annual Conference on Cold Fusion, June 29-July 4, 1991, Como, Italy. (FF July 1991)
1095. J.M. Rosamilia, J.A. Abyssa and B. Miller (AT&T Bell Laboratories, NJ, USA), "Electrochemical Hydrogen Insertion into Palladium and Palladium-nickel Thin Films," *Electrochemica Acta*, vol. 36, no. 7, pp 1203-1208, 1991, 12 figs, 11 refs. (FF Nov. 1991)
1096. Gerald Rosen (Dept. of Physics, Drexel U.), "Deuterium Nuclear Fusion at Room Temperature: a Pertinent Inequality on Barrier Penetration," *J. Chem. Physics*, vol. 91, no. 7, 1 Oct. 1989, pp 4415-6. (FF Nov. 1989) (FF Feb. 1991)
1097. H. Rossi (panel moderator, U. of Utah) and the following: Fr. Padmanabha, K. Iyengar (Director of BARC), Dr. Nate Hoffman (Rockwell), Dr. J.O'M. Bockris (Texas A&M), Dr. Steven Jones (BYU), Dr. Tom Schneider (EPRI), Dr. Charles D. Scott (ORNL), and Dr. Howard Menlove (LANL), "Panel Discussion - Nuclear Phenomena," *Fusion Facts*, April 1990, pp 21-23.
1098. O.E. Rossler, J. Becker, M. Hoffmann and W. Nadler (U. of Tübingen, Germany), "Fermi Gas-like Hypothesis for Fleischmann-Pons Experiment," *Z. Nature. A*, vol. 44, 1989, p 329. (FF Feb. 1991)
1099. Dana Rotegard, "Fusion, Cold Fusion, and Space Power," *Space Power*, vol. 10, no. 2, 1991, pp 205-215, 23 refs. (FF March 1992)
1100. Dana Rotegard, "Comments on Cold Fusion," *Fusion Facts*, Sep. 1992, pp 18-9.
1101. J. Roth, R. Behrisch, W. Moeller and W. Ottenberger (Max-Planck Inst. of Plasmaphys., Euratom-IPP Assoc., Germany), "Fusion Reactions During Low Energy Deuterium Implantation into Titanium," *Nucl. Fusion*, vol. 30, no. 3, 1990, pp 441-446. (FF Sep. 1990)
1102. Jed Rothwell, translator, "Detected Neutrons Indicate the Possibility of Cold Fusion," *Asahi Shinbun*, short newspaper article, June 19, 1991, in Science section. (FF Oct. 1991)
1103. Jed Rothwell, translator, "Excess Heat, 150 Watts Average," newspaper article in *Nikkei Shinbun*, Jan 28, 1991. (FF March 1992)
1104. Jed Rothwell, translator, "Low Temperature Fusion: Will it Boom Again?," newspaper article in *Yomiuri Shinbun*, February 3, 1992. (FF March 1992)

1105. Jed Rothwell and Dr. Eugene R. Mallove (Cold Fusion Research Advocates, Chamblee, GA), "Japan's MITI Launches Major Cold Fusion Program," Fusion Facts, July 1992, pp 1-2.
1106. R.K. Rout, M. Srinivasan, and A. Shyam, "Autoradiography of Deuterated Ti and Pd Targets for Spatially Resolved Detection of Tritium Produced by Cold Fusion," BARC Studies in Cold Fusion (April-Sep. 1989), 4 pages, 5 refs. (FF Feb. 1990)
1107. R.K. Rout, M. Srinivasan, A. Shyam and V. Chitra (Bhabha Atomic Research Centre), "Detection of High Tritium Activity on the Central Titanium Electrode of a Plasma Focus Device," Fusion Technology, vol. 19, March 1991, pp 391-394. (FF March 1991)
1108. R.K. Rout, A. Shyam, V. Chitra, and M. Srinivasan (BARC), "Delayed Neutron Emission from a Plasma Focus with a Titanium Disc Affixed on its Central Electrode," Japanese J. of Applied Physics, vol. 30, no. 8A, pp L1422-4, 2 figs, 11 refs, August 1991. (FF Oct. 1991)
1109. S.L. Rugari, R.H. France, B.J. Lund, S.D. Smolen, Z. Zhao, and M. Gai (Yale U.), and K.G. Lynn (Brookhaven Nat'l Lab.), "Upper Limits on Emission of Neutrons from Ti in Pressurized D(2) Gas Cells: a Test of Evidence for 'Cold Fusion'," Physical Review C, vol. 43, no. 3, March 1991, pp 1298-1312, 16 refs. (FF June 1991)
1110. V.D. Rusov, T.N. Zelentsova, M.Yu. Semenov, I.V. Radin, Y.F. Babikova, Yu.A. Kruglyak (Odess. Gos. U.), "Fast Neutron Recording by Dielectric Track Detectors in a Palladium-deuterated Water-tritiated Water System in an Electrolytic Cell," Pis'ma Zh. Tekh. Fiz., vol. 15, no. 19, pp 9-13, in Russian. (FF Mar. 1990)
1111. J.L. Russell Jr., "Plausibility Argument for a Suggested Mechanism for Cold Fusion," Ann. Nucl. Energy, vol. 17, 1990, pp 545-548. (FF Feb. 1991)
1112. J.L. Russell Jr., "Virtual Electron Capture in Deuterium," Ann. Nucl. Energy, vol. 18, no. 2, 1991, pp 75-79. (FF May 1991) (FF Oct. 1991)
1113. J.L. Russel, Jr., "Proposed Heat Producing Nuclear Reaction for Cold Fusion," Annals of Nuclear Energy, vol. 18, 1991, pp 305-308.
1114. Russell Ruthen, "Go with the Grain," Scientific American, May 1990, pp 29-30. [About nanophase materials.] (FF May 1990)
1115. Gene Rutledge and Hal Fox, "Wendover Memorial to Enola Gay," Fusion Facts, Sep. 1990, pp 29-30. [ Enola Gay was a B-29 that helped end World War II.]
1116. David N. Ruzic, Kenneth D. Schatz, and Phi Long Nguyen, "A Novel Apparatus to Investigate the Possibility of Plasma-assisted Cold Fusion," Fusion Technology, Sep. 1989. (FF Sep. 1989)
1117. J. Rynasiewicz, "Cold Fusion, Superconductivity," Chemical & Engineering News, Sep. 18, 1989.
1118. V.C. Sahni (Nucl. Phys. Div., Bhabha At. Res. Cent., India), Comment on "Cold Fusion in Condensed Matter: Is a Theoretical Description in Terms of Usual Solid State Physics Possible?," Nucl. Phys.B, vol. 336, no. 1, 1990, pp 86-99. (FF Sep. 1990)

1119. H. Sakaguchi and G. Adachi (Dept. of Applied Chemistry, Faculty of Ebg., Osaka University, Japan) and K. Nagao (Inst. for Study of the Earth's Interior, Okayama University, Japan), "Helium Isotopes from Deuterium Absorbed in LaNi(5)," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
1120. Sakamoto, F.L. Chen, M. Furudawa and M. Noguchi (Nagasaki U.), "Permeability and Diffusivity of Hydrogen in Palladium-rich Pd-Y(Gd)-Ag Ternary Alloys," *J. of Alloys and Compounds*, vol. 185, no. 2, July 13, 1992, pp 191-205, 13 figs, 30 refs. (FF Aug. 1992)
1121. M.H. Salamon, M.E. Wrenn, H.E. Bergeson, K.C. Crawford, W.H. Delaney, C.L. Henderson, Y.Q. Li, J.A. Rusho, G.M. Sandquist, S.M. Seltzer, "Limits on the Emission of Neutrons, Gamma-rays, Electrons and Protons from Pons-Fleischmann Electrolytic Cells," *Investigation of Cold Fusion Phenomena in Deuterated Metals, Final Report, Volume III*, pp 112-126, 1991, 5 figs, 17 refs. (FF Aug. 1991)
1122. Salomons (Natuurkundig Laboratorium, Vrije Universiteit, Amsterdam), "On the Lattice Gas Description of Hydrogen in Palladium: a Molecular Dynamics Study," *Journal Physics: Condensed Matter*, vol. 2, 1990, pp 845-855, 18 refs. (FF Mar. 1990)
1123. Salomons, N. Koeman, J. Rector, and R. Griessen (Natuurkundig Laboratorium, Vrije Universiteit, Amsterdam), "Short-range Order Parameter of the Disordered Alloy Pd(91)Y(9) Determined from Hydrogen Absorption," *Journal Physics: Condensed Matter*, vol. 2, 1990, pp 835-844, 26 refs. (FF Mar. 1990)
- a. Salomons, H. Hemmes, and R. Griessen (Natuurkundig Laboratorium, Vrije Universiteit, Amsterdam), "Hydrogen Spectroscopy of Pd(1-y)Ag(y) and Pd(1-y)Cu(y) Alloys," *Jrnl. Phys.: Condensed Matter*, vol. 2, 1990, pp 817-834, 35 refs. (FF Mar. 1990)
1124. R.C. Salvarezza, M.C. Montemayor, E. Fatas (U. Autonoma de Madrid), and A.J. Arvia (U. Nacional de La Plata), "Electrochemical Study of Hydrogen Absorption in Polycrystalline Palladium," *J. Electroanalytical Chem.*, vol. 313, pp 291-301, 1991, 7 figs, 14 refs. (FF Dec. 1991)
1125. R. Sambasivan (Editor), "Low Energy Emissions from Palladium Loaded with Hydrogen or Deuterium," *J. Sci. Ind. Research*, vol. 51, Feb. 1992, pp 128-129. (FF Aug. 1992)
1126. C. Sanchez, J. Sevilla, B. Escarpizo, F.J. Fernandez, and J. Canizares, "Nuclear Products Detection During Electrolysis of Heavy Water with Ti and Pt Electrodes," *Solid State Communications*, vol. 71, no. 12, 1989, pp 1039-1043. (FF Nov. 1989)
1127. Gary M. Sandquist et al., "Deuterium Concentration and Cold Fusion Rate Distributions in Palladium," *Fusion Technology*, vol. 16, December 1989, pp 523-525.
1128. Gary M. Sandquist (U. of Utah) and Vern C. Rogers (Rogers and Assoc. Engr'g Corp., SLC, Utah), "Evaluation and Verification of Cold Fusion," presented at ASME Winter Meeting held in San Francisco, CA, Dec. 12, 1989. (FF Dec. 1989)

1129. Gary M. Sandquist, Vern C. Rogers, "Enhancement of Cold Fusion Reaction Rates," Investigation of Cold Fusion Phenomena in Deuterated Metals, Final Report, Volume III, 1991, pp 37-46, 7 refs. (FF Aug. 1991)
1130. Gary M. Sandquist and Vern C. Rogers, "Low Temperature Nuclear Reactions by Deuterons in Metals," Investigation of Cold Fusion Phenomena in Deuterated Metals, Final Report, Volume III, 1991, pp 47-65, 2 figs, 15 refs. (FF Aug. 1991)
1131. Gary M. Sandquist and Vern C. Rogers, "Evaluation and Verification of Cold Fusion," Investigation of Cold Fusion Phenomena in Deuterated Metals, Final Report, Volume III, pp 84-102, 1991, 1 figs, 14 refs. (FF Aug. 1991)
1132. V. I. Sannikov, V.G. Gorodetskii, E.M. Sulimov, B.G. Polosukhin, V. Ya Kudyakov (Inst. Elektrokhim, Sverdlovsk, USSR), "Emission of Neutrons and Gamma-quanta from a Titanium Electrode Polarized by Current in a Vapor-gas Phase over Lithium Deuteride," Rasplavy, vol. 4, 1991, pp 86-89. (FF June 1992)
1133. K.S.V. Santhanam, J. Rangarajan, O'Neil Braganza, S.K. Haram, N.M. Dimaye, and K.C. Mandal (Tata Institute of Fundamental Research, Bombay), "Electrochemically Initiated Cold Fusion of Deuterium," Indian Journal of Technology, vol. 27, April 1989, pp 175-177, 11 refs. (FF Mar. 1990)
1134. J. Santucci, B. Chexal, T. Passell, J. Chao, D. Cubicciotti, R. Jones (EPRI), "Investigation of Nuclear Processes in Deuterated Metals," Proceedings of The First Annual Conference on Cold Fusion, March 28-31, 1990, University of Utah Research Park, Salt Lake City, Utah. (FF Apr. 1990)
1135. Tsutomu Sato, Makoto Okamoto, Poong Kim, Yasuhiko Fujii (Tokyo Institute of Technology) and Otohiko Aizawa (Musashi Institute of Technology), "Detection of Neutrons in Electrolysis of Heavy Water," Fusion Technology, vol. 19, March 1991, pp 357-363. (FF March 1991)
- a. Scalia (Dipart. di Fisica, U. di Catania, Corso, Italy) and P. Figuera (Lab. Nazionale del Sud, Doria, Italy), "The Cross Section Factor for the Reactions  $^2\text{H}(d,p)^3\text{H}$  and  $^2\text{H}(d,n)^3\text{He}$  at Very Low Temperature," The Science of Cold Fusion, Proceedings of the II Annual Conference on Cold Fusion, Como, Italy, June 29-July 4, 1991, pp 235-242, 9 refs, 2 figs, 2 tables. (FF April 1992)
1136. Scalia, "The 'Shadow' Model for the Sub-barrier Fusion," Il Nuovo Cimento, vol. 105 A, no. 2, February 1992, pp 233-244, 14 figs, 3 tables, 22 refs. (FF June 1992)
1137. Franco Scaramuzzi (Frascati National Laboratory), "Search for Nuclear Phenomena by the Interaction between Ti and D," Proceedings of the First Annual Conference on Cold Fusion, March 28-31, 1990, University of Utah Research Park, Salt Lake City, Utah. (FF Apr. 1990)
- a. Scaramuzzi, "Survey of Gas Loading Experiments," The Science of Cold Fusion, Proceedings of the II Annual Conference on Cold Fusion, Como, Italy, June 29-July 4, 1991, pp 445-452, 5 refs, 2 tables. (FF April 1992)

1138. Dr. Scaramuzzi (ENEA, Frascati, Italy), "Italy - Review of Work," presented the last day of the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Nov. 1992)
1139. K.D. Schilling et al., "Search for Charged-particle Emission from Deuterated Palladium Foils," *Zeitschrift fur physik A*, vol. 336, 1990, pp 1-4.
1140. J.E. Schirber, "Search for Cold Fusion in High-pressure D(2)-loaded Titanium and Palladium Metal and Deuteride," *Fusion Technology*, vol. 16, November 1989, pp 397-400.
1141. Louis Schlapbach (Solid State Physics Group, U. of Fribourg), "Hydrogen and its Isotopes in and on Metals," *The Science of Cold Fusion, Proceedings of the II Annual Conference on Cold Fusion, Como, Italy, June 29-July 4, 1991*, pp 409-418, 14 refs, 5 figs. (FF April 1992)
1142. K.M. Schmitt, P. Wilhelm, and H. Arenhoevel (Inst. Kernphys, Johannes-Gutenberg U.), "Deuteron Photodisintegration at Low Energies," *Few Body Syst.*, vol. 10, no. 3, 1991, pp 105-133, 72 refs. (FF Dec. 1991)
1143. Johann Schneider (Ispra, Italy), "How a Rectangular Potential in Schrodinger's Equation Could Explain Some Experimental Results on Cold Nuclear Fusion," *Fusion Technology*, vol. 16, 1989, pp 377-378. (FF Feb. 1991)
1144. K.A. Schneidner, Jr. (Director, RIC), "Rosy Future Predicted for Bonded Magnets," *Rare-Earth Information Center INSIGHT*, vol. 5, no. 8, Aug. 1, 1992. (FF Aug. 1992)
1145. Thomas R. Schneider (EPRI), "Anomalous Effects in Deuterated Metals," *Proceedings of The First Annual Conference on Cold Fusion, March 28-31, 1990, University of Utah Research Park, Salt Lake City, Utah*. (FF Apr. 1990)
1146. Hubert Schneuwly and Francoise Mulhauser (Inst. Physics, U. Fribourg, Switzerland), "Ephemeral Muonic Hydrogen Atoms," *Phys. Letters A*, vol. 160, no. 1, 1991, pp 71-6. (FF Feb. 1992)
1147. W. Schommers (Kernforschungszentrum Karlsruhe, Germany) and C. Politis (U. of CA, San Diego), "Cold Fusion in Condensed Matter: is a Theoretical Description in Terms of Usual Solid State Physics Possible?," *Mod. Phys. Letters B*, vol. 3, 1989, pp 597-604. (FF Feb. 1991)
1148. Martha Schreiber, T.M. Gur, G. Lucier, J.A. Ferrente, J. Chao and R.A. Huggins (Stanford), "Recent Measurement of Excess Energy Production in Electrochemical Cells Containing Heavy Water and Palladium," *Proceedings of The First Annual Conference on Cold Fusion, March 28-31, 1990, University of Utah Research Park, Salt Lake City, Utah*, publ. by NCFI, pp 44-56, 7 refs. (FF Apr. 1990) (FF Aug. 1990)
1149. Martha Schreiber, Turgut Gur, George Lucier, Joseph Ferrante, Robert Huggins (Stanford U.), "Recent Experimental Results on the Thermal Behavior of Electrochemical Cells in the Hydrogen-palladium and Deuterium-palladium Systems," *Proceedings of the Cold Fusion Symposium, World Hydrogen Energy Conference #8, Honolulu, Hawaii, July 22-27, 1990*. (FF Aug. 1990)

1150. J.W. Schultze et al., "Prospects and Problems of Electrochemically Induced Cold Nuclear Fusion," *Electrochemica Acta*, vol. 34, Sep. 1989, 1289-1313.
1151. J. Schwarzenberg, J.L. Wood, E.F. Zganjar (Sch. Chem., Georgia Inst. Technol.), "Pure Electric Monopole Transitions in an Odd-mass Nucleus," *Phys. Rev. C: Nuclear Physics*, vol. 45, no. 3, 1992, pp R896-9. (FF June 1992)
1152. Julian Schwinger (UCLA), "Nuclear Energy in an Atomic Lattice," *Proceedings of The First Annual Conference on Cold Fusion*, March 28-31, 1990, University of Utah Research Park, Salt Lake City, Utah. (FF Apr. 1990)
1153. Julian Schwinger (Dept. of Physics, UCLA), "Cold Fusion: a Hypothesis," *Zeitschrift fur Naturforschung*, vol. 5, May 1990, p 756, 2 refs. (FF Sep. 1990)
1154. Julian Schwinger, "Phonon Dynamics," *Proc. National Academy of Science USA*, vol. 87, November 1990, pp 8370-8372. (FF May 1991)
1155. Charles D. Scott, John E. Mrochek, Timothy C. Scott, Gordon E. Michaels, Eugene Newman, and Milica Petek (Chem. Tech. Div., ORNL), "Measurement of Excess Heat and Apparent Coincident Increases in the Neutron and Gamma-ray Count Rates During the Electrolysis of Heavy Water," accepted for publication by *Fusion Technology*, 17 April 1990, 24 manuscript pages and 12 figures. (FF May 1990)
1156. C.D. Scott, J.E. Mrochek, E. Newman, T.C. Scott, G.E. Michaels, and M. Petek (Oak Ridge National Laboratory), "A Preliminary Investigation of Cold Fusion by Electrolysis of Heavy Water," presented at 'Cold Fusion - a Status Report' session at the ASME Winter Annual Meeting held in San Francisco, CA, Dec. 12, 1989. ORNL Publication ORNL/TM-11322 (available from NTIS, Dept. of Commerce, 5285 Port Royal Rd., Springfield, VA 22161). (FF Dec. 1989)
1157. Charles D. Scott, John E. Mrochek, Milica Petek, Timothy C. Scott, Gordon E. Michaels and Eugene Newman (Oak Ridge National Lab.), "Measurement of Excess Heat and Apparent Coincident Increases in the Neutron and Gamma Ray Count Rate During the Electrolysis of Heavy Water," *Proceedings of The First Annual Conference on Cold Fusion*, March 28-31, 1990, University of Utah Research Park, Salt Lake City, Utah. (FF Apr. 1990)
1158. Charles D. Scott, John E. Mrochek, Timothy C. Scott, Gordon E. Michaels, Eugene Newman and Milica Petek (Oak Ridge Chem. Technology Div.), "Measurement of Excess Heat and Apparent Coincident Increases in the Neutron and Gamma-ray Count Rates During the Electrolysis of Heavy Water," *Fusion Technology*, vol. 18, no. 1, August 1990, pp 104-114, 11 refs. (FF Sep. 1990)
1159. David Scott, "Night and Day Solar," *Popular Science*, Feb. 1990, pp 70-73. (FF Jan. 1990)
1160. Glenn T. Seaborg (University of California, Berkeley), "Cold Shoulder: Scorned Now, Fusion May Answer our Energy Problems," *Omni*, Sep. 1991. (FF Oct. 1991)
1161. Barrett Seaman (Staff Writer), "Chasing the American Dream," *TIME*, July 6, 1992, pp 46-51. (FF July 1992)



1162. Seel (Mich. Tech. U.), " Ab Initio Band-structure Studies of Beryllium and Beryllium-hydrogen Ultrathin Films", *Physical Review B: Condensed Matter*, vol. 43, no. 12, pp 9532-37, 22 refs. (FF June 1991)
1163. Dieter Seeliger and Andreas Meister (Dresden U. of Technology, Germany), "A Simple Plasma Model for the Description of D-D Fusion in Condensed Matter," *Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems*, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
1164. D. Seeliger (Tech. U. of Dresden, Germany), "Physical Problems in Studies of Nuclear Fusion of Condensed Matter," *Isotopenpraxis*, vol. 26, no. 8, 1990, pp 384-95, in German. (FF Jan. 1991)
1165. Dieter Seeliger and Andreas Meister (Dresden U.), "A Simple Plasma Model for the Description of D-D Fusion in Condensed Matter," *Fusion Technology*, July 1991, vol. 19, no. 4, pp 2114-2118, 2 figs, 25 refs. (FF Nov. 1991)
1166. D. Seeliger, M. Bittner, A. Meister, R. Schwierz and T. Streil, "Evidence of Neutron Emission from a Titanium Deuterium System," *The Science of Cold Fusion, Proceedings of the II Annual Conference on Cold Fusion*, Como, Italy, June 29-July 4, 1991, pp 175-179, 5 refs, 3 figs. (FF April 1992)
1167. S.E. Segre, S. Atzeni, S. Briguglio, F. Romanelli (U. Roma), "A Mechanism for Neutron Emission from Deuterium Trapped in Metals," *Europhys. Letters*, vol. 11, no. 3, 1990, pp 201-206. (FF May 1990)
1168. Russell Seitz (Harvard), "Fusion in from the Cold?," *Nature*, vol. 339, 1989, p 185. (FF Feb. 1991)
1169. N. Selhaoui et al., "A Thermodynamic Study of the Pd-Ti System," *J. of the Less-Common Metals*, vol. 154, 1989, 137-147.
1170. Joaquin Sevilla, Francisco Fernandez, Beatriz Escarpizo and Carlos Sanchez, "Some Characteristics of Titanium and Palladium Samples Used in Cold Fusion Experiments," *Fusion Technology*, vol. 19, no. 1, January 1991, pp 188-191. (FF Jan. 1991)
1171. Shaheen, M. Ragheb, G.H. Miley, (Fusion Studies Lab., U. of Illinois), H. Hora, J.C. Kelly (U. of New So. Wales, Australia), "Anomalous Deuteron to Hydrogen Ratio in Oklo Samples and the Possibility of Deuteron Disintegration," *The Science of Cold Fusion, Proceedings of the II Annual Conference on Cold Fusion*, Como, Italy, June 29-July 4, 1991, pp 221-234, 9 refs, 3 figs, 2 tables. (FF April 1992)
1172. Jin Shang-Xian, Ding Yi-bing, Liu Yong-zhen, Wu Bai-lu, and Yao De-cheng (Dept. of Physics, Graduate School, Academia Sinica, Beijing, China), "Rate of Cold Nuclear Fusion of Deuterium in Palladium," *Chinese Physics Letters*, January, 1990. (FF June 1992)
1173. Jin Shang-Xian, Ding Yi-bing, Liu Yong-zhen, Wu Bai-lu and Yao De-cheng (Academia Sinica, China), "The Possibilities of Cold Nuclear Fusion of Deuterium," *Chinese Phys. Letters* 7, 1990, pp 28-31. (FF Feb. 1991)

1174. Gad Shani et al., "Evidence for a Background Neutron Enhanced Fusion in Deuterium Absorbed Palladium," *Solid State Communications*, vol. 72, 1989, pp 53-57.
1175. Xu Shaozhi and Xu Xiangqun (Beijing Control Device Res. Inst.), "A Re-examination of the Lorentz Transformation," *Galilean Electrodynamics*, vol. 3, no. 1, pp 5-8, 1 fig, 16 refs. (FF Dec. 1991)
1176. M.H. Shapiro (California State U.) and T.A. Tombrello (Cal Tech), "Simulation of Energetic Cluster Impacts on Metallic Targets," *Mod. Phys. Letters B*, vol. 5, no. 5, 1991, pp 341-349. (FF May 1991)
1177. G. L. Shaw et al., "Scenario for Cold Fusion by Free Quark Catalysis," *Il Nuovo Cimento*, vol. 102 A, November 1989, pp 1441-1447.
1178. Davis M. Sheldon (Assayer, Hoover & Strong, Inc., Richmond, VA), "Hoover Strong, Inc. Reports on their Palladium Manufacturing," *Fusion Facts*, Sep. 1990, p 30.
1179. Jia Sheng and John Z.H. Zhang (Dept. of Chem., NY U.), "Dissociative Chemisorption of H(2) on Ni Surface: Time-dependent Quantum Dynamics Calculation and Comparison with Experiment," *J. Chem. Phys.*, vol. 96, no. 5, Mar 1, 1992, pp 3866-3874, 10 figs, 26 refs. (FF April 1992)
1180. A.A. Shihab-Eldin, J.O. Rasmussen, M. Justice, and M.A. Stoyer (Lawrence Berkeley Labs., U. Calif-Berkeley), "Cold Fusion: Effects of Possible Narrow Nuclear Resonance," *Modern Physics Letters B*, vol. 3, no. 12, 1989, pp 965-969. (FF Nov. 1989)
1181. Isao Shimamura (Inst. Phys. Chem. Research, Hirosawa), "Intramolecular Nuclear Fusion in Hydrogen-isotope Molecules," *Prog. Theor. Physics*, vol. 82, no. 2, 1989, pp 304-14. (FF Dec. 1989) (FF Feb. 1991)
1182. Osamu Shirai, Sorin Kahara, Yoshiki Sohrin, Madakazu Matsui (Inst. Chem. Res., Kyoto U., Japan), "Some Experimental Results Relating to Cold Nuclear Fusion", *Bull. Inst. Chem. Res., Kyoto U.*, vol. 69, nos. 5-6, 1992, pp 550-9. (FF July 1992)
1183. Khirakawa, M. Chiba, M. Fujii, K. Sueki, K. Fukushima, T. Hirose, S. Miyamoto, Y. Nakamitu, H. Toriumi, T. Uehara, H. Niura, T. Watanabe, T. Seimiya, H. Nakahara (Dept. of Chem. and Physics, Faculty of Science, Tokyo Metropolitan University, Japan), "Neutron Emission from Crushing Process of High Piezoelectric Matter in Deuterium Gas," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
1184. W.T. Shmayda, A.G. Heics and N.P. Kherani (Ontario Hydro Research Div., Ontario), "Comparison of Uranium and Zirconium Cobalt for Tritium Storage," *Journal of the Less-Common Metals*, vol. 162, 1990, pp 117-127, 14 refs. (FF Sep. 1990)
1185. Shohoji (Lab. Nac. Eng. Technol., Lisbon), "Unique Features of Hydrogen in Palladium Metal Lattice: Hints for Discussing the Possible Occurrence of Cold Nuclear Fusion," *Journal Material Science Letters*, vol. 9, no. 2, 1990, pp 231-232. (FF May 1990)
1186. V.K. Shrikande and K.C. Mittal, "Deuteration of Machined Titanium Targets for Cold Fusion Experiments," *BARC Studies in Cold Fusion* (April-Sep. 1989), 3 pages, 6 refs. (FF Feb. 1990)

- a. Shyam, M. Srinivasan, S.B. Degwekar, and L.V. Kulkarni, "Multiplicity Distribution of Neutron Emission in Cold Fusion Experiments," BARC Studies in Cold Fusion (April-Sep. 1989), 13 pages, 9 refs. (FF Feb. 1990)
1187. M. Sigalas (Res. Centre of Crete), D.A. Papaconstantopoulos (NRL, Wash., D.C.) and N.C. Bacalis (Nat'l Hellenic Res. Found., Athens), "Total Energy and Band Structure of the 3d, 4d, and 5d Metals," *Physical Rev. B, Condensed Matter*, vol. 45, no. 11, 15 Mar 1992, pp 5777-5783, 2 figs, 8 tables. (FF April 1992)
1188. E. Simanek (Dept. of Phys., U. of CA, Riverside), "Quantum Tunneling Through a Fluctuation Barrier. Enhancement of Cold Fusion Rate," *Physica A (Amsterdam)*, vol. 164, no. 1, 1990, pp 147-168. (FF Sep. 1990)
1189. Bikash Sinha, Y.P. Viyogi, S. Chattopadhyaya, M.R. Dutta Mazumdar, B.S.N. Murthy, G. Muthukrishnam, T. Bandyopadhyaya, M.D. Trivedi, D. Ghosh, and D.K. Srivastava (BARC), and P. Sen (Saha Inst. of Nucl. Phys., Calcutta), "Observation of Neutron Bursts in Electrolysis of Heavy Water," *Indian Journal of Technology*, vol. 27, June 1989, pp 275-277, 3 refs. (FF June 1990)
1190. Singla, V.K. Jinday, K.N. Pathak (Punjab U.) and V.V. Paranjape (Lakehead U., Thunder Bay, Ontario, Canada), "Self-energy of a Hydrogenic Atom Near a Metal Surface," *Phys. Rev. B*, vol. 46, no. 11, Sep. 15, 1992, pp 7088-95, 3 figs, 11 refs. (FF Oct. 1992)
1191. R.E. Sioda, T.Z. Fahidy (Inst. Indus. Organic Chem., Warsaw), "A Simplified Approach to the Thermal Behavior of Electrolytic Dewar Cell Calorimeters," *J. Applied Electrochem.*, 1992, vol. 22, no. 4, pp 347-50. (FF June 1992)
1192. C. Sivarani and V. de Sabbata, "Cold Fusion and Brown Dwarfs," *Nature*, vol. 341, Sep. 7, 1989, 28.
1193. Anders Sjoland, Per Kristiansson, Johny Westergard and Klas Malmquist (Dept. of Physics, Lund Inst. of Tech., Sweden), "Multiparameter Neutron Data." (FF July 1991)
1194. Anders Sjoland, Per Kristiansson, Johny Westergard and Klas Malmquist (Dept. of Physics, Lund Inst. of Tech., Sweden), "Liquid Scintillator Detection and Multiparameter Data Acquisition for Neutron Detection in Cold Fusion Experiments," *The Science of Cold Fusion, Proceedings of the II Annual Conference on Cold Fusion, Como, Italy, June 29-July 4, 1991*, pp 261-265, 6 refs, 5 figs. (FF April 1992)
- a. Skandan, Horst Hahn, and J.C. Parker, "Nanostructured Y(2)O(3): Synthesis and Relation to Microstructure and Properties," *Scripta Metallurgica et Materialia*, vol. 25, pp 2389-2393, 1991, 3 figs, 9 refs. (FF June 1992)
1195. Zdenek Slanina (Czechoslovak Academy of Sciences), "Towards Molecular-thermodynamic Aspects of Postulated Pd/D Low-temperature Nuclear Fusion: a Useful Example of a Failure of the Conventional Translational Partition Function," *Thermochimica Acta*, vol. 156, 1989, pp 285-290. (FF Feb. 1991)
1196. M. Sluiter, D. De Fontaine, X.Q. Guo, R. Podloucky and A.J. Freeman, "First-principles Calculation of Phase Equilibria in the Aluminum Lithium System," *Physical Review B*, vol. 42, 1990, pp 10460-10476. (FF Feb. 1991)

1197. Gary Slutsker and David C. Churbuck, "Whose Invention is it Anyway?" *Forbes*, August 19, 1991, pp 114-118. (FF Sep. 1991)
1198. S.I. Smedley, S. Crouch-Baker, M.C.H. McKubre and F.L. Tanzella (SRI International, Menlo Park, CA), "Issues Relating to the Safe Operation of Electrolysis Cells," presented at the Third International Conference of Cold Fusion, October 21-15, 1992, Nagoya, Japan. (FF Nov. 1992)
1199. J.J. Smith (Dept. of Energy, Washington, D.C.), S. Szpak and P.A. Mosie-Boss (N.R(3)D. San Diego, CA), "Comments on the Methodology of Excess  $^3\text{H}$  Determination," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
- a. Snadulescu, A. Florescu (Bucharest), W. Greiner (J.W. Goethe-U.), "Cold Fission as Emission of Fragments," *J. Phys. G; Nucl. Part. Phys.*, vol. 15, 1989, pp 1815-1831. (FF Jan. 1990)
1200. Jerzy Sobkowski (Chem., U. Warszawski, Warsaw, Poland), "Cold Fusion - Facts and Opinions," *Wiad. Chem.*, vol. 44, nos. 7-8, 1990, 587-602, 15 refs, in Polish. (FF Feb. 1992)
1201. Karl Sohlberg and Krzysztof Szalewicz (U. of Delaware), "Fusion Rates for Deuterium in Titanium Clusters," *Physics Letters A*, 25 pages, 31 refs. (FF Feb. 1990)
1202. Karl Sohlberg and Krzysztof Szalewicz (U. of Delaware), "Fusion Rates for Deuterium in Titanium Clusters," *Physics Letters A*, 1990, vol. 144, pp 6-7 and 365-370. (FF Oct. 1990)
1203. V.N. Soifer, V.A. Goryachev, A.N. Salyuk, A.F. Sergeev (Far East. Sci. Cent., Vladivostok), "Neutron Emissions During Heavy Water Electrolysis," *Appl. Radiat. Isot.*, 1992, vol. 43, no. 8, pp 1041-4. (FF Oct. 1992)
1204. Pier Giorgio Sona and Marco Ferrari (CISE, Milano, Italy), "The Possible Negative Influence of Dissolved  $\text{O}_2$  in Cold Nuclear Fusion Experiments," *Fusion Technology*, vol. 18, no. 4, December 1990, pp 678-8. (FF Jan. 1991)
1205. Pier G. Sona, Fulvio Parmigiani, Franco Barberi, Adriano Battaglia, Renza Berti, Giovanni Buzzanca, Aldo Capelli, Davide Capra, and Marco Ferrari (CISE SpA, Via Reggio Emilia 39, Segrate Milano, Italy), "Preliminary Tests on Tritium and Neutrons in Cold Nuclear Fusion within Palladium Cathodes," *Fusion Technology*, vol. 17, no. 4, July 1990, pp 713-717, 7 refs. (FF July 1990)
1206. J.R. Southon, J.W. Stark, J.S. Vogel, and J.C. Waggington (McMaster U., Hamilton, Ontario), "Upper Limit for Neutron Emission Form Cold D-T Fusion," *Physical Review C*, vol. 41, no. 5, pp R1899-1900, May 1990, 11 refs. (FF June 1992)
1207. Bernard I. Spinrad (Dept. of Nuclear Engr'g), "On Cold Fusion," *Fusion Technology*, vol. 17, March 1990, p 343, 1 ref. (FF Mar. 1990)
1208. M. Springborg, "On the Interactions between Hydrogen and Palladium," *Europhysics Letters*, vol. 11, 15 February 1990, pp 325-330.

1209. M. Srinivasan, A. Shyam, T.C. Kaushik, R.K. Rout, V. Chitra, L.V. Kulkarni, M.S. Krishnan, S.K. Malhotra, V.G. Nagvenkar (Bhabha Atomic Research Centre, Trombay, India), and P.K. Iyengar (Atomic Energy Commission, India), "Observation of Tritium in Gas/Plasma Loaded Titanium Samples," Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
1210. M. Srinivasan, A. Shayam, S.B. Degwekar and L.V. Kulkarni (BARC), "Statistical Analysis of Neutron Emission in Cold Fusion Experiments," Proceedings of The First Annual Conference on Cold Fusion, March 28-31, 1990, University of Utah Research Park, Salt Lake City, Utah. (FF Apr. 1990)
- 1211.
1212. M. Srinivasan (Bhabha Atomic Research Centre), "Nuclear Fusion in an Atomic Lattice: an Update on the International Status of Cold Fusion Research," Current Science (India), April 25, 1991, 174 refs. (FF May 1991)
1213. M. Srinivasan, A. Shyam, T.C. Kaushik, R.K. Rout, L.V. Kulkarni (Neutron Physics Div.), M.S. Krishnan, S.K. Malhotra, V.G. Nagvenkar (Heavy Water Div. - all at BARC, Bombay, India) and P.K. Iyengar (Atomic Energy Commission), "Observation of Tritium in Gas/Plasma Loaded Titanium Samples," abstract provided for the Second Annual Conference on Cold Fusion, June 29-July 4, 1991, Como, Italy. (FF July 1991)
1214. M. Srinivasan, A. Shyam, T.K. Shankarnarayanan, M.B. Bajpai, H. Ramamurthy, U.K. Mukherjee, M.S. Krishnan, M.G. Nayar and Y. Naik (Bhabha Atomic Reserch Centre, Bombay, India), "Tritium and Excess Heat Generation During Electrolysis of Aqueous Solutions of Alkali Salts with Nickel Cathode," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Nov. 1992)
1215. Weston M. Stacey, Jr., "Reactor Prospects of Muon-Catalyzed Fusion of Deuterium and Tritium
1216. Concentrated in Transition Metals," Fusion Technology, Sep. 1989. (FF Sep. 1989)
1217. Staff, "Hydrogen Transmuted into Heavier Element," New York Times, March 27, 1927. Helium Is Produced by Two German Scientists (Paneth and Peters) from the Lighter Gas but in Small Quantities -- a Process which Releases Stores of Energy. (FF Nov. 1989)
1218. Staff, "Report of the Cold Fusion Panel," a Report of the Energy Research Advisory Board to the Department of Energy, November 1989. (FF Dec. 1989)
1219. Staff, "Cold Fusion -- or Something," Science News, vol. 136, Dec. 23 and 30, 1989. (FF Jan. 1990)
1220. Staff, "Fusion: Prudes or Scientists," The Plain Dealer, Friday, Dec. 29, 1989, editorial. (FF Feb. 1990)
1221. Staff, "Reinventing the Battery," Popular Science, Feb. 1990, p 23. (FF Feb. 1990)
1222. Staff, "Electron-doped Superconductors Gain Attention; Cold Fusion Papers Prompt Much Talk, Few Results," Science Watch, vol. 1, no. 1, Jan. 1990, p 6. (FF Mar. 1990)

1223. Staff, "Summary of the First Annual Cold Fusion Conference," Fusion Facts, Apr. 1990, pp 1-2.
1224. Staff, "A Los Alamos Summary: Positive Results of Cold Fusion Experiments," Fusion Facts, May 1990, pp 3. [Chart lists tritium, neutrons, and heat results from 33 successful experimental groups.]
1225. Staff, "Future Fusion," Science Digest, April/May 1990, pp 77-78. [Report on a 3-mile long fusion power generator, no cold fusion.] (FF May 1990)
1226. Staff, "Cold Fusion Successes, Achievements, and Primary Sources," Fusion Facts, June 1990, pp 5-12, 31 refs.
1227. Staff, "Cold Fusion Gets the Cold Shoulder," BusinessWeek, April 9, 1990, p 51. (FF June 1990)
1228. Staff, "Total Capability in Titanium Investment Casting," Metallurgic, vol. 56, no. 4, pp 189-190, April 1990. (FF June 1990)
1229. Staff, "Science Journal Questions Texas A&M Experiments," WSJ, June 15, 1990, p B4. (FF July 1990)
1230. Staff, "Cold Fusion and Other Matters," Nature, vol. 346, no. 6282, 26 July 1990, pp 326. (FF Aug. 1990)
1231. Staff, "Whatever Happened to Cold Fusion?," New Scientist, 19 January 1991, pp 45 ff. (FF Feb. 1991)
1232. Staff, "A Review of what We Have Learned about Replication of Cold Fusion Cells," Fusion Facts, March 1991, pp 3-6, 10 refs.
1233. Staff, "Cold Fusion: Out but not Down?," Science Watch, Jan/Feb 1991, p 6. (FF April 1991)
1234. Staff, "Petition Calls for Congressional Hearings on Cold Fusion," 21st Century Science & Technology, vol. 4, Winter 1991, pp 66. (FF Jan. 1992)
1235. Staff, "Another Giant Step for Mankind," 21st Century Science & Technology, vol. 4, no. 4, Winter 1991, p 2. (FF Jan. 1992)
1236. Staff, "Nat'l Academy and Royal Society Reject Science for Malthus," 21st Century Sci & Tech, Spring 1992, p 6. (FF June 1992)
1237. Staff (AP), "Florida Scientists Hopes to Heat Up World with Cold Fusion Process," Deseret News, Saturday, June 27, 1992. Also, from Orlando Sentinel Staff Writer, "Floridian Says Fusion's no Illusion," Salt Lake Tribune, p A3, June 28, 1992. (FF July 1992)
1238. Staff writer, Scientific American, "Cold Fusion and Lyndon LaRouche," 21st Century Science and Technology, Summer 1992, vol. 5, no. 2, p 70. (FF Sep. 1992)
1239. Staff, "Japanese News Weekly Features Takahashi Tour," 21st Century Science and Technology, Summer 1992, vol. 5, no. 2, p 71, illus. (FF Sep. 1992)

1240. Staff, "Italian Physicist Denounces Witch-hunt in Cold Fusion to Washington Press," 21st Century Science and Technology, Summer 1992, vol. 5, no. 2, pp 72-75, illus. (FF Sep. 1992)
1241. Staff (Gannett News Service), "Danger, Lack of Skills Stall U.S. Students," The Salt Lake Tribune, page A3, Oct. 1, 1992. (FF Oct. 1992)
1242. Staff, "Large Amount of Excess Heat Verified with Light Water," Hokkaido Shimbun also copied to Chunichi Shimbun, October 2, 1992, front page. Also: S. Nagayama, "Expanded Potential of Cold Fusion with Light Water," page 2, in Japanese. Translated by Jed Rothwell. (FF Oct. 1992)
1243. Staff writer, "Evidence Supporting Cold Fusion Pours In," Nillei Shimbun, Sep. 26, 1992, page 12, in Japanese. Translated by Jed Rothwell. (FF Oct. 1992)
1244. Christoph Steinert, "Laser-induced 'Semicold' Fusion," Fusion Technology, vol. 17, Jan. 1990, pp 206-208, 5 refs. (FF Feb. 1990)
1245. Andrew Stern (Chicago), "Utah Researchers Aiming for Small 'Cold Fusion' Power Plant," Reuter News Wire, 24 April 1990. (FF June 1992)
1246. Richard Stone, "Propping up Cold Fusion," Science, vol. 256, no. 5053, p 28. (FF May 1992)
1247. G. Stoppini (U. Piazza Torricelli, Pisa), "Coulomb Screening in Superconducting PdH," Il Nuovo Cimento, vol. 13D, no. 9, Sep. 1991, pp 1181-88, 1 fig, 1 table, 12 refs. (FF Dec. 1991) (FF Feb. 1992)
1248. Edmund Storms and Carol Talcott-Storms (Los Alamos National Laboratory), "The Effect of Hydriding on the Physical Structure of Palladium and on the Release of Contained Tritium," Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
1249. Edmund Storms and Carol Talcott (Los Alamos National Lab.), "A Systematic Study of Electrolytic Tritium Production," Proceedings of The First Annual Conference on Cold Fusion, March 28-31, 1990, University of Utah Research Park, Salt Lake City, Utah. (FF Apr. 1990)
1250. Edmund Storms and Carol Talcott (Los Alamos National Laboratory, New Mexico), "Electrolytic Tritium Production," Fusion Technology, vol. 17, no. 4, July 1990, pp 680-695, 15 refs. (FF July 1990)
1251. Edmund Storms (Nuclear Materials Tech. Div., LANL), "Review of Experimental Observations About the Cold Fusion Effect," Fusion Technology, to be published in August 1991, 82 manuscript pages, 363 refs. (FF May 1991)
1252. Edmund Storms and Carol Talcott-Storms (Los Alamos National Laboratory), "The Effect of Hydriding on the Physical Structure of Palladium and on the Release of Contained Tritium," Fusion Technology, vol. 20, no. 2, 19 figs, 24 refs. (FF Sep. 1991)

1253. Edmund Storms (LANL), "Review of Experimental Observation About the Cold Fusion Effect," *Fusion Technology*, Dec 1991, vol. 20, no. 4, pp 433-477, 5 figs, 3 tabs, 359 refs. (FF May 1991 from manuscript) (FF Dec. 1991)
1254. Edmund K. Storms (NMT Division, Los Alamos National Laboratory), "Measurements of Excess Heat from a Pons-Fleischmann Type Electrolytic Cell Using Palladium Sheet," submitted to *Fusion Technology*, also published as LAUR: 92:2390, dated July 2, 1992, 32 manuscript pages, 17 figs, 31 refs. (FF Aug. 1992)
1255. Edmund Storms (NMT Division, Los Alamos National Lab., Los Alamos, NM), "Measurements of Excess Heat from Pons-Fleischmann Type Electrolytic Cell Using Palladium Sheet," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan, (FF Nov. 1992)
1256. M. Stroh, "Serendipity Yields Buckyball Trap for Gases," *Science News*, vol. 141, no. 22, pp 356-357. (FF June 1992)
1257. Emily T. Smith (Editor of *Developments to Watch*), "This Theory May Make Sense of Cold Fusion," *BusinessWeek*, Aug. 24, 1992, p 77. (FF Sep. 1992)
1258. Curt Suplee (Washington Post Staff Writer), "Searching for Nature's Message in a Bottle of Glowing Water," *Washington Post, Science*, p A3, August 12, 1991. (FF Oct. 1991)
1259. Taira Suzuki, Shigetoshi Koike, and Makoto Kano (Science U. of Tokyo), "Destruction of Superdiffusivity of Hydrogen in Vanadium by the Applied Electric Field," *Journal of the Physical Society of Japan*, vol. 59, no. 2, Feb. 1990, pp 596-600, 7 refs. (FF May 1990)
1260. Mitchell R. Swartz (JET Technology, MA), "Reexamination of a Key Cold Fusion Experiment: 'Phase-II' Calorimetry by the MIT Plasma Fusion Center," revised July 16, 1992, *Fusion Facts*, August 1992, pp 27-40, 1 table, 6 figs, 19 refs.
1261. Mitchell R. Swartz (Jet Technology, Weston, MA), "Quasi-one-dimensional Model of Electrochemical Loading of Isotopic Fuel into a Metal," *Fusion Technology*, vol. 22, no. 2, Sep. 1992, pp 296-300, 2 figs, 11 refs.
1262. K. Szalewicz, J.D. Morgan III (U. of Delaware), and H.J. Monkhorst (U. Florida-Gainesville), "Fusion Rates for Hydrogen Isotopic Molecules of Relevance for 'Cold Fusion'," *Physical Review A*, vol. 40, no. 5, Sep. 1, 1989, pp 2824-2827, 20 refs. (FF Feb. 1990)
1263. S. Szpak, P.A. Mosier-Boss (Naval Ocean Systems Center, San Diego, CA) and J.J. Smith (Dept. of Energy), "On the Behavior of Pd Deposited in the Presence of Evolving Deuterium," *J. Electroanalytical Chem.*, vol. 302, 1991, pp 225-60. (FF May 1991)
1264. S. Szpak and C.J. Gabriel (Naval Ocean Systems Center), J.J. Smith (Dept. of Energy), R.J. Novak (Office of Naval Research), "Electrochemical Charging of Pd Rods," *J. Electroanalytical Chem.*, vol. 309, 1991, pp 273-292, 13 figs, 26 refs. (FF Sep. 1991)
1265. S. Szpak, P.A. Mosier-Boss (NOSC, San Diego, CA) and J.J. Smith (DoE, Washington, D.C.), "Reliable Procedure for the Initiation of the Fleischmann-Pons Effect," *The Science of Cold Fusion, Proceedings of the II Annual Conference on Cold Fusion*,



- Como, Italy, June 29-July 4, 1991, pp 87-91, 5 refs, 5 figs. (FF April 1992) (FF July 1991)
1266. Eugenio Tabet (Ist. Superiore di Sanita), and Alexander Tenenbaum (U. "La Sapienza"), "A Dynamical Model for Cold Fusion in Deuterated Palladium", *Fusion Technology*, vol. 18, no. 1, August 1990, pp 143-146, 11 refs. (FF Sep. 1990)
1267. Eugenio Tabet (Physic Lab. NIH, Rome, Italy) and Alexander Tenenbaum ("La Sapienza" U., Rome, Italy), "Developments of a Dynamical Model for Cold Fusion in Deuterated Palladium," *Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems*, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
1268. E. Tabet, and A. Tenenbaum (Lab. Fis. Ist. Rome), "Nuclear Reactions from Lattice Collapse in a Cold Fusion Model," *Physics Letters A*, vol. 144, no. 6-7, pp 301-305, 1990. (FF June 1990)
1269. Tajima (U. of Texas-Austin), H. Iyetomi (Argonne National Laboratory), and S. Ichimaru (U. of Tokyo), "Influence of Attractive Interaction between Deuterons in Pd on Nuclear Fusion," *Institute for Fusion Studies, U. of Texas at Austin, Paper IFSR #369*, April 1989. (FF Feb. 1990)
1270. T. Tajima, H. Iyetomi and S. Ichimaru (Dept. Phys., U. of Texas), "Influence of Attractive Interaction between Deuterons in Pd on Nuclear Fusion," *J. Fusion Energy*, vol. 9, no. 4, 1990, pp 437-440, 3 figs, 17 refs. (FF Nov. 1991)
1271. Ryuuzo Takagi, Hiroo Numata, Izumi Ohno (Tokyo Inst. of Tech.), Kazutaka Kawamura (Tokai U.), Shiro Haruyama (Tokyo Nat'l College of Tech.), "Neutron Emission During a Long-term Electrolysis of Heavy Water," *Fusion Technology*, vol. 19, no. 4, July 1991, pp 2135-2139, 6 figs, 6 refs. (FF Nov. 1991)
1272. Akito Takahashi (Osaka University), "Opening Possibility of Deuteron-catalyzed Cascade Fusion Channel in PdD under D(2)O Electrolysis," *Journal of Nuclear Science and Technology*, vol. 26, no. 5, May 1989, pp. 558-560, 5 refs. (FF Oct. 1990)
1273. Akito Takahashi, Takayuki Takeuchi, Toshiyuki Iida (Osaka University), Masanori Watanabe, (Central Research Laboratories, Matsushita Electric Industrial Co.), "Emission of 2.45 MeV and Higher Energy Neutrons from D(2)O-Pd Cell under Biased-pulse Electrolysis," *Journal of Nuclear Science and Technology*, vol. 27, no.7, pp. 663-6, July 1990, 5 refs. (FF Oct. 1990)
- a. Takahashi, T. Takeuchi, T. Iida (Osaka U., Japan), and M. Watanabe (Matsushita Electric Industrial Co., Japan), "Neutron Spectra from D(2)O-Pd Cells with Pulse Electrolysis," *Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems*, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
1274. Takahashi (Eng. College, Tokyo U.), "Room Temperature Nuclear Fusion," *Gendai Kagaku*, 1989, vol. 223, pp 48-54, in Japanese. [A review with no references is given on the cold fusion studies of FP, Jones, and the Italian work.] (FF Jan. 1990)

1275. Akito Takahashi, Toshiyuki Iida, Fujio Maekawa, Hisashi Sugimoto and Shigeo Yoshida (Osaka U.), "Windows of Cold Nuclear Fusion and Pulsed Electrolysis Experiments," *Fusion Technology*, vol. 19, March 1991, pp 380-90. (FF March 1991)
- a. Takahashi, I. Iida, T. Takeuchi, A. Mega, S. Yoshida and M. Watanabe (Osaka University, Japan) "Neutron Spectra and Controllability by PdD Electrolysis Cell with Low-high Current Pulse Operation," presented at Second Annual Conference on Cold Fusion, June 29-July 4, 1991, Como, Italy. (FF July 1991)
1276. Akito Takahashi, "Nuclear Products by D(2)O/Pd Electrolysis and Multibody Fusion," *Proceedings ISEM-Nagoya, Japan 1992*, draft, 5 pages, 9 refs, 3 figs. (FF March 1992)
- a. Takahashi, I. Iida, T. Takeuchi, A. Mega, S. Yoshida and M. Watanabe (Osaka University, Japan), "Neutron Spectra and Controllability by PdD/Electrolysis Cell with Low-high Current Pulse Operation," *The Science of Cold Fusion, Proceedings of the II Annual Conference on Cold Fusion, Como, Italy, June 29-July 4, 1991*, pp 93-98, 5 refs, 4 figs. (FF April 1992)
1277. Hiroshi Takahashi (Brookhaven National Laboratory), "The Role of Coherency on D-D Fusion Reaction in PdD(x) Deuteride," *Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems, Brigham Young University, October 22-24, 1990*. (FF Nov. 1990)
- a. Takahashi, A. Mega, H. Miyamaur and T. Iida (Dept. of Nuclear Engineering, Osaka University, Japan) T. Takeuchi (Matsushita Electric Co., Osaka, Japan), "Anomalous Excess Heat by D(2)O/Pd Cell under L-H Mode Electrolysis," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
1278. Akito Takahashi (Osaka U.), Makoto Okamoto (Tokyo Inst. of Tech.), Eugene Mallove (Clustron Science Corp., Virginia), Francesco Celani (Lab. Nazionali Frascati, Italy), and Antonella de Ninno (ENEA, Frascati, Italy) were the panel members. Topic: "Panel Discussion on the Takahashi Method." (FF Nov. 1992)
1279. J. Takaki (Nihon Keizai Shimbun, Osaka Branch, editorial staff member), "Information - Cold Fusion Experiment Yields Stable Heat Reaction," *Scientific American - Nikkei Science*, March 1992, pp 54-55. (FF March 1992)
1280. Takigawa (Dept. Phys., Tohoku U., Sendai, Japan), "Present and Future of the Sub-barrier Fusion Reactions," *AIP Conf. Proc.*, vol. 250, 1992, (Towards Unified Pict. Nucl. Dyn.), pp 26-51, 54 refs. (FF July 1992)
1281. Masayoshi Tamiaki and Kanji Tasaka (Dept. of Nuclear Eng., Nagoya University Furocho, Japan), "Field Formation of the Condensed Matter Fusion by Electro-transport of Deuterium in Palladium," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
1282. Yoshihito Tanaka (Tokushima Research Center, Japan), "Decreasing of Temperature Observed with Pd Wire Used for the Electrode in Electrolysis," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)

1283. Toyu Tani and Yukio Kobayashi (The Inst. of Phys. and Chem. Research, Riken, Japan), "Tunnel Disintegration and Neutron Emission Probability," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
1284. Noboru Taniguchi, Sueki Baba, Kenji Kawamura and Takaharu Gamo (Matsushita Electric, Japan), "Conditions for Cold Nuclear Fusion," Nippon Kagaku Kaisha, 1990, pp 992-8, in Japanese. (FF Dec. 1990)
1285. Ryoichi Taniguchi and Takao Yamamoto (U. of Osaka, Japan), "High Sensitivity Measurement of Charged Particle Emission with Use of the Pulsed Electrolysis Method," Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
1286. Ryoichi Taniguchi and Takao Yamamoto (U. of Osaka, Japan), "Relation between Charged Particle Emission and Induced Current Pulse Noise on the Electrolysis Electrode," Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
1287. Ryoichi Taniguchi, Takao Yamamoto, and Setsuko Irie, "Detection of Charged Particles Emitted by Electrolytically Induced Cold Nuclear Fusion," Japanese Journal of Applied Physics, vol. 28, no. 11, pp L2021-L2023. (FF Jan. 1990)
1288. Ryoichi Taniguchi and Takao Yamamoto (Research Inst. for Adv. Science and Technology, U. of Osaka, Japan), "Fine Structure of the Charged Particle Bursts Induced by D(2)O Electrolysis," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
1289. Naokazu Tateishi, Kiyochika Yahikozawa, Katsunori Nishimura, Masato Suzuki and Yoshio Takasu (Dept. Fine Mat. Eng., Faculty of Textile Sci. and Tech., Shinshu U., Nagano, Japan), Yukinori Iwanaga, Mitsuko Watanabe, Eiji Enami, Yoshiharu Matsuda (Dept. Ind. Chem., Faculty of Engineering, Yamaguchi U., Yamaguchi, Japan), "Electrochemical Properties of Ultra-fine Palladium Particles for Adsorption and Absorption of Hydrogen in an Aqueous HClO(4) Solution," Electrochimica Acta, vol. 36, no. 7, 1991, pp 1235-1240, 9 figs, 15 refs. (FF Nov. 1991)
1290. Gary Taubes (a science writer), "Cold Fusion Conundrum at Texas A&M," Science, vol. 24, no. 4961, June 15, 1990, pp 1299-1304, no references. Also: Robert Pool, "Wolf: My Tritium Was an Impurity," a partial-page insert in the above article on p 1301. (FF July 1990)
1291. Gary Taubes (a writer in Santa Monica), "A Cold Fusion Deja-vu at Cal Tech," Science, 13 December 1991, vol. 254, p 1582. (FF Feb. 1992)
1292. T. Tazima, K. Isii, and H. Ikegami (Nat'l Inst. for Fusion Science, Nagoya, Japan), "Time-correlated Neutron Detection from Deuterium Loaded Palladium," presented at the Second Annual Conference on Cold Fusion, June 29-July 4, 1991, Como, Italy. (FF July 1991)
1293. T. Tazima, K. Isii, and H. Ikegami (Nat'l Inst. for Fusion Science, Nagoya, Japan), "Time-correlated Neutron Detection from Deuterium Loaded Palladium," The Science of

- Cold Fusion, Proceedings of the II Annual Conference on Cold Fusion, Como, Italy, June 29-July 4, 1991, pp 157-162, 5 refs, 4 figs. (FF April 1992)
1294. Alexander Tenenbaum and Eugenio Tabet (Dip. di Fis., U. "La Sapienza", Rome), "Lattice Instability and Cold Fusion in Deuterated Metals," NATO ASI Ser, Ser B, 1990, vol. 236, pp 323-327. (FF Nov. 1991)
1295. Alan Thomas and John C. Parker (Nanophase Technologies), "Tiny Grains Hold Large Potential," Materials Engineering, March 1992, 5 figs. (FF June 1992)
1296. D.T. Thompson, "Solid-state Fusion Effects," Platinum Metals Review, vol. 34, July 1990, pp 136-141.
1297. Zhong-Qun Tian, Steven C. Barrowes, Haven E. Bergeson (National Cold Fusion Institute, U. of Utah), "Attempt to Confirm the X-ray Radiography Results Reported by S. Szpak et al.," Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
1298. Zhong Qun Tian (U. of Utah, Nat'l Cold Fusion Inst. and The State Key Laboratory for Physical Chem. of the Solid Surface, Xiamen, People's Republic of China), "A Proposal for a Cold Fusion Study in the Ti/D System," Fusion Technology, vol 21, no. 1, pp 92-94, 27 refs. (FF Jan. 1992)
1299. R. Timmermann and R. Plaga (Max-Planck Inst., Heidelberg), "Search for Shock-wave-induced Nuclear Fusion," Phys. Rev. A, 1991, vol. 44, no. 7, pp 4412-7. (FF Feb. 1992)
1300. Chris Tinsley, "Interview about Cold Fusion with Dr. Martin Fleischmann," transcribed from Channel 4 News, Independent Television News, 27 Aug. 1992, England. (FF Sep. 1992)
1301. Tomas, S. Blagus, M. Bogovac, D. Hodko, M. Krcmar, D. Miljanic, V. Pravdic, D. Rendic, M. Vajioc, M. Vukovic (Ruder Boskovic Inst., Zagreb, Yugoslavia), "Deuterium Nuclear Fusion in Metals at Room Temperature," Fizika (Zagreb), 1989, vol. 21, no. 2, pp 209-214. (FF Dec. 1989)
1302. X.Q. Tong and F.A. Lewis (Queen's U., No. Ireland; Tong is also with Tsinghua U., Beijing), "Mechanical-strain-induced Influences on Hydrogen Diffusion within Pd(77)Ag(23) Alloy Membranes," J. of Less-Common Metals, vol. 169, 1991, pp 157-165, 19 refs. (FF June 1991)
1303. Y. Totsuka (U. of Tokyo, Japan), "Kamioka Experiments," Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
1304. Vladimir Tsarev (Lebedev Physical Institute, Moscow, USSR), "Experimental Results on Neutrons, Protons, and Theoretical Model, Geophysical," presented at Conference of Anomalous Nuclear Effects in Deuterium/Solid Systems, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
1305. V.A. Tsarev (P.N. Lebedev Physics Inst. of the Academy of Sciences of the U.S.S.R.), "Cold Fusion," translation from Soviet Physics--USPEKHI, vol. 33, no. 11, Nov. 1990. (FF Oct. 1991)

1306. V.A. Tsarev (Lebedev Phys. Inst., Moscow) and D.H. Worledge (EPRI, Palo Alto), "New Results on Cold Nuclear Fusion: a review of the Conference on Anomalous Nuclear Effects in Deuterium/Solid Systems, Provo, Utah, October 22-24, 1990," *Fusion Technology*, Dec 1991, vol. 20, no. 4, pp 484-508, 21 figs, 6 tables, 65 refs. (FF Dec. 1991)
1307. V.A. Tsarev (P.N. Lebedev Physical Inst., Moscow), "Current Status of Cold Fusion," talk given at the First International Sakharov Conference, May 27-31, 1991, Moscow, 3 pp, 4 refs (2 are conference reviews by author). (FF Jan. 1992)
1308. V.A. Tsarev (P.N. Lebedev Physical Inst., Moscow), "Cold Fusion Studies in the USSR," talk given at the Second Annual Cold Fusion Conference, June 29 - July 4, 1991, Como, Italy, 15 manuscript pages, 71 refs. *Fusion Technology*, vol. 22, August 1992, pp 138-155. (FF Jan. 1992)
1309. V.A. Tsarev, "Cold Fusion Studies in the USSR," *The Science of Cold Fusion*, Proceedings of the II Annual Conference on Cold Fusion, Como, Italy, June 29-July 4, 1991, pp 319-336, 71 refs, 4 figs, 5 tables. (FF April 1992)
1310. V.A. Tsarev and P.I. Golubnichyi, "Geological Manifestations of Low-temperature Nuclear Fusion," *Kratk. Soobshch. Fiz.*, 1991, no. 3, pp 24-26, in Russian. (FF June 1992)
1311. V.A. Tsarev (Lebedev Physical Inst. of the Academy of Sciences, Moscow) and D.H. Worledge (EPRI, Palo Alto, CA), "Cold Fusion Studies in the USSR," *Fusion Technology*, vol. 22, no. 1, Aug. 1992, pp 138-155, 20 figs, 3 tables, 59 refs. (FF Aug. 1992)
1312. V.A. Tsarev (P.N. Lebedev Physical Inst., Academy of Sciences, Dept. of Nuclear Physics and Astrophysics, Moscow), "Russia - Review of Work," presentation made on the last day of the Third International Conference on Cold Fusion, October 21-25, 1992. (FF Nov. 1992)
1313. K. Tsuchiya, Yoshiko Ohashi, K. Ohashi, M. Fukuchi (Dept. Electron. Eng., Tokyo Natl. Coll. Technol., Hachioji, Japan 193), "Interaction between Two Neighboring Deuterium Atoms in Palladium," *J. Less-Common Metals*, 1990, vo. 174, nos. 1-2, pp 1371-80. (FF April 1992)
1314. Ken-ichi Tsuchiya (Dept. of Elec. Eng., Tokyo National College of Tech., Tokyo, Japan), Kazutoshi Ohashi (Faculty of Engineering, Tamagawa U., Tokyo, Japan) and Mitsuru Fukuchi (Dept. of Instrumentation Eng., Faculty of Science and Technology, Keio U., Kanagawa, Japan), "Mechanism of Cold Nuclear Fusion in Palladium," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
1315. Atsuko Tsuji (Assistant Editor, winner of 1989-1990 Knight Fellowship, Science Journalism, MIT), "Cold Fusion: from a Religion to a Science." *Aera*, weekly newsmagazine published by Asahi Newspaper, June 16, 1992, pp 39-42, 9 illustrations, in Japanese. Translated by Jed Rothwell. (FF July 1992)

1316. Leaf Turner, "Letter to the Editor," *Physics Today*, 1989, pp 140-141. (Suggests that cold fusion may involve transmission resonances for deuterons diffusing through a metal lattice.) (FF Dec. 1989)
1317. Leaf Turner (Los Alamos National Lab.), "Thoughts Unbottled by Cold Fusion," *Physics Today*, Sep. 1989, pp 140-2. (FF Feb. 1991) (FF Oct. 1991)
1318. D.N. Tuzic et al., "A Novel Apparatus to Investigate the Possibility of Plasma-assisted Cold Fusion," *Fusion Technology*, vol. 16, Sep. 1989, pp 245-59.
1319. Mark D. Uehling, "Salt Water on Tap," *Popular Science*, April 1991, pp 82-5. (FF March 1991)
- a. Uchida, Y. Hamada, Y. Matsumura and T. Hayashi (Dept. of Applied Physics, Faculty of Engineering, Tokai U., Kanagawa, Japan), "Effects of Current Density and Cold-working of Pd Electrodes on Radioactive Emissions in the Pulse-modulated Deuteriding-dedeuteriding Reactions." Abstracts of selected papers from the International Symposium on Metal-hydrogen Systems, Fundamentals, and Applications, Uppsala, Sweden, June 8-12, 1992. (FF Aug. 1992)
1320. Hans S. Uhm and W.M. Lee (Naval Surface Warfare Center, Silver Spring, MD), "High Concentration of Deuterium in Palladium," presented at Second Annual Conference on Cold Fusion, June 29-July 4, 1991, Como, Italy. (FF July 1991)
1321. Han S. Uhm, and W.M. Lee (Naval Surface Warfare Center White Oak, Silver Spring), "High Concentration of Deuterium in Palladium," *Fusion Technology*, vol. 21, no. 1, pp 75-81, 4 figs, 13 refs. (FF Jan. 1992)
1322. Han S. Uhm, W.M. Lee (Naval Surf. Warfare Cent., Silver Spring, MD), "High Concentration of Deuterium in Palladium from Plasma Ion Implantation," *Phys. Fluids B*, 1991, vol. 3, no. 11, pp 3188-93. (FF Feb. 1992)
1323. Hans S. Uhm and W.M. Lee (Naval Surface Warfare Center, Silver Spring, MD), "High Deuterium Concentration in Palladium for Application to Cold Fusion," *The Science of Cold Fusion, Proceedings of the II Annual Conference on Cold Fusion*, Como, Italy, June 29-July 4, 1991, pp 289-293, 9 refs, 2 figs. (FF April 1992)
1324. Martine Ulmann, Jiangbo Liu and Jan Augustynski (University of Geneva), Felix Meli and Louis Schlapbach (University of Fribourg), "Surface and Electrochemical Characterization of Pd Cathodes after Prolonged Charging in LiOD + D(2)O Solutions," *Journal Electroanalytical Chem.*, vol. 286, 1990, pp 257-264. (FF Oct. 1990)
1325. S.N. Vaidya, Y.S. Mayya (Chem. Div., BARC, Trombay), "The Role of Combined Electron-deuteron Screening in Deuteron-deuteron Fusion in Metals," *Pramana*, 1989, vol. 33, no. 2, pp L343-L346. (FF Dec. 1989)
1326. S.N. Vaidya and Y.S. Mayya (BARC, India), "The Role of Combined Electron-deuteron Screening in D-D Fusion in Metals," *BARC Studies in Cold Fusion*, April-Sep. 1989, 4 pages, 9 refs. (FF Feb. 1990)

1327. S.N. Vaidya and Y.S. Mayya (BARC, India), "Theory of Screening-enhanced D-D Fusion in Metals," Japanese Journal of Applied Physics, vol. 28, no. 12, Dec 1989, pp L2258-L2260, 12 refs. (FF Mar. 1990)
1328. S.N. Vaidya (Chem. Div., BARC), "On the Possibility of Coherent Deuteron-deuteron Fusion in a Crystalline Pd-D Lattice," Fusion Technology, vol. 20, no. 4, Dec. 1991, pp 481-483, 14 refs. (FF Dec. 1991)
1329. S. N. Vaidya and Y. S. Mayya, "The Role of Combined Electron-deuteron Screening in D-D Fusion in Metals," Pramana, vol. 33, 2 August 1989, pp L343-6.
1330. S. N. Vaidya and Y. S. Mayya, "Theory of Screening-enhanced D-D Fusion in Metals," Japanese Journal of Applied Physics, vol. 28, December 1989, pp L2258-60.
1331. S. Valkealahti, M. Manninen, E. Hammaren (Department of Physics, University Jyvaskyla, Finland), "Simulation of Cluster Impact Fusion," At. Mol. Clusters, vol. 22, no. 2, 1992, pp 547-551. (FF April 1992)
1332. J.F. van Acker and W. Speier (U. of Nijmegen, Netherlands), and R. Zeller (Inst. for Festkorperforschung, Julich, Germany), "Local Perturbation and Induced Magnetization Originating from 3d Impurities in Pd," Physical Review B Condensed Matter, vol. 43, no. 12, pp 9558-68, 29 refs. (FF June 1991)
1333. Vandenbosch, T.A. Trainor, D.I. Will, J. Neubauer, I. Brown (University of Washington, Seattle), "Cluster-impact-fusion Yields: no Collective Effect Observed for Small Water Clusters," Physics Review Letter, vol. 67, no. 25, 1991, pp 3567-70. (FF April 1992)
1334. Paul du T. Van Der Merwe (Atomic Energy Corporation of SA, Ltd., South Africa), "Enhanced Fusion Induced by Affiliated Muons", Fusion Technology, vol. 17, no. 4, July 1990, pp 696-703, 8 refs. (FF July 1990)
- a. H. Van Mal, K. H. J. Buschow and A. R. Miedema (Philips Research Laboratories, The Netherlands), "Hydrogen Absorption of Rare-earth (3d) Transition Intermetallic Compounds," Journal of the Less-common Metals, vol. 49, 1976, pp 473-475, 5 refs. (FF Sep. 1990)
1335. A.N. Varaksin, A.A. Zhivoderov, N.B. Bondarenko, V.F. Shipitsin (Nauchno-Proizvod. Maloe Predpr., Firma "SORUZ"), "Computer Modeling of Phase Transitions in Palladium Deuteride (Possible Mechanism of Cold Nuclear Fusion)," Fiz Met. Metalloved., 1991, no. 9, pp 30-4, in Russian. (FF Dec. 1991)
1336. M. Vaselli, V. Palleschi, M.A. Harith (Cairo U., Egypt), G. Salvetti and D.P. Singh (Istituto di Fisica Atomica e Molecolare, Pisa, Italy), "Explanation of High D-D Nuclear Fusion Rates in Metals at Low Temperatures," Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
1337. M. Vaselli, M.A. Harith (Cairo U.), V. Palleschi, G. Salvetti, and D.P. Singh (Istituto di Fisica Atomica e Molecolare, Pisa), "Screening Effect of Impurities in Metals: a Possible Explanation of the Process of Cold Nuclear Fusion," Il Nuovo Cimento, vol. 11D, no. 6, June 1989, pp 927-932, 10 refs. (FF Feb. 1990)

1338. Omourtag Alexandrov Velev and Ramesh C. Kainthla (Texas A&M), "Heat Flow Calorimeter with a Personal-computer-based Data Acquisition System", *Fusion Technology*, vol. 18, no. 2, Sep. 1990, pp 351-5, 5 refs. (FF Sep. 1990)
1339. Venkateswaran, P.N. Moorthy, K.S. Venhateswarlu, S.N. Guha, B. Yuvaraju, T. Datta, T.S. Iyengar, M.S. Panajkar, K.A. Rao, and Kamal Kishore, "Burst Neutron Emission and Tritium Generation from Palladium Cathode Electrolytically Loaded with Deuterium," *BARC Studies in Cold Fusion*, April-Sep. 1989, 12 pages. (FF Feb. 1990)
1340. Vielstich, T. Iwasita (Institute of Physical Chemistry, U. of Bonn), H. von Buttlar, K. Farzin and K. Uebelgunn (Inst. of Exp. Physics, Bochum, Germany), "Search for Neutrons from Controlled Deuterium Concentrations in Palladium," *J. Electroanalytical Chem.*, vol. 303, pp 211-220, 5 figs, 14 refs, 25 Mar 1991. (FF Oct. 1991)
1341. Jean-Pierre Vigier (U. P. et M. Curie, Paris), "New Hydrogen Energies in Specially Structured Dense Media: Capillary Chemistry and Capillary Fusion," preprint courtesy of the author, to be published in *Phys. Letters A*. (FF Nov. 1992)
1342. Hans Christian Von Baeyer, "Vacuum Matters," *Discover*, March 1992, pp 108-112. (FF Feb. 1992)
1343. L. Vracar (University of Belgrade) and B. E. Conway (University of Ottawa, Canada), "Hydride formation at Ni-containing Glassy-metal Electrodes During the H(2)E evolution Reaction in Alkaline Solutions," *J. Electroanalytical Chem.*, vol. 277, 1990, pp 253-275, 27 refs. (FF Mar. 1990)
1344. V.I. Vysotskii (Kiev State U., USSR) and R.N. Kuz'min (Moscow State U., USSR), "The Theory of Nonthreshold Cold Fusion in Solids," *Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems*, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
1345. James T. Waber (Physics Dept., Michigan Technology University, USA), "Solid State Boson Model of Cold Fusion," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
1346. Nobuhiko Wada and Kunihide Nizhizawa (Nagoya U. Japan), "Nuclear Fusion in Solid," *Japanese Journal of Applied Physics*, vol. 28, no. 11, Nov. 1989, pp L 2017-L 2020. (FF Dec. 1989)
1347. Nobuhiko Wada and Toshiaki Goto (Dept. of Physics, Faculty, Nagoya University, Japan), "Nuclear Fusion in Solid," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
1348. M. Wadsworth (U. of Utah), "Metallurgical Aspects of Electrochemical Loading of Pd with Deuterium," *NSF/EPRI Workshop on Anomalous Effects in Deuterated Materials*, Oct. 16-18, 1989. (FF Nov. 1989)
1349. Frederick T. Wagner, Thomas E. Moylan (General Motors Research Laboratories), Michael E. Hayden, Ulrike Narger and James L. Booth (U. of British Columbia), "A Comparison of Calorimetric Methods Applied to the Electrolysis of Heavy Water on



- Palladium Cathodes," *J. Electroanalytical Chem.*, vol. 295, 1990, pp 393-402. (FF Feb. 1991)
1350. Shinjiro Wakao, Katsutomo Ozeki, Haruo Sawa (Fac. Sci., Tokai U., Hiratsuka), "Gamma-ray Emission from Hydrogen-absorbing Metal Cathodes in Deuterium Oxide," *J. Adv Sci*, 1990, vol. 2, no. 3, pp 149-52, in Japanese. (FF Jan. 1992)
1351. Matthew L. Wald, "Cars that Whirr and Burn Rubber," *The New York Times*, Section F, p 10, February 2, 1992. (FF Feb. 1992)
1352. W.E. Wallace, R.S. Craig, and V.U.S. Rao (Dept. Chem., U. of Pittsburgh), "Hydrogen Absorption by Intermetallic Compounds," Chapter 12 in Smith L. Holt, Joseph B. Milstein and Murray Robbins (Editors), *Solid State Chemistry: A Contemporary Overview*, published by American Chemical Society, c1980. Article submitted Sep. 1978, 87 refs. (FF Oct. 1990)
1353. E. Wallace, A. Goudy, R. S. Craig, D. M. Gualtieri and T. Takeshita (Dept. Chemistry, U. of Pittsburgh), "Intermetallic Compounds as Solvents for Hydrogen," paper available from author at Pittsburgh, PA 15260. (FF July 1990)
1354. W.E. Wallace, R.S. Wallace, R.S. Craig and V.U.S. Rao, "Hydrogen Absorption by Intermetallic Compounds," in *Solid State Chemistry: A Contemporary Overview* (Advances in Chemistry Series No. 186), vol. 12, pp 207-240. (FF Dec. 1990)
1355. Walling and Simons, "Two Innocent Chemists Look at Cold Fusion," *The Journal of Physical Chemistry*, vol. 93, June 15, 1989, pp 4693-4697.
1356. Cheves Walling and Marvin Hawkins, "Temperature Dependence and Reproducibility of Cell Constants in FP Type Calorimetric Cells," *Investigation of Cold Fusion Phenomena in Deuterated Metals*, Final Report, Volume III, 1991, pp 1-13, 5 figs. (FF Aug. 1991)
1357. R.T. Walters, A. Nobile, Jr., and W.C. Mosley (Westinghouse Savannah River Laboratory, Aiken, S.C.), "Helium Dynamics in Metal Tritides: II. The Significance of Microstructure in the Observed Helium Behavior for La-Ni-Al Tritides," *J. of Less-common Metals*, vol. 170, 1991, pp 63-74, 7 figs, 17 refs. (FF Oct. 1991)
1358. R.T. Walters, M.W. Lee (Savannah River Lab.), "Two Plateaux for Palladium Hydride and the Effect of Helium from Tritium Decay on the Desorption Plateau Pressure for Palladium Tritide," *Mater. Charact.*, vol. 27, no. 3, 1991, pp 1577-66. (FF April 1992)
1359. W.R. Wampler and P.M. Richards, "Surface-controlled Deuterium-palladium Interactions," *Physical Review B*, 15 April 1990, pp 7483-7490.
1360. Ke L. Wang, Xing Z. Li, Shi Y. Dong, Shi C. Wang, Da W. Mo, Cheng M. Luo, Qin R. Lin, Xiao D. Wu, Wei Z. Li, Yong F. Zhu, Ping L. Zhou, and Lee Chang (Tsinghua U., Beijing except Shi C. Wang - Inst. of High Energy Physics, Beijing, China), "Search for the Better Material for Cold Fusion Experiment Using CR-39 Detector," *The Science of Cold Fusion*, Proceedings of the II Annual Conference on Cold Fusion, Como, Italy, June 29-July 4, 1991, pp 163-168, 4 refs, 4 figs, 1 table. (FF July 1991) (FF April 1992)
1361. Shi C. Wang and Tie S. Kang (Inst. of High Energy Physics), Ke L. Wang, Shi Y. Dong, Yu Y. Feng, Da W. Mo, Xing Z. Li (Tsinghua U., Beijing, China), "Identification of the

- Energetic Charged Particles in Gas-loading Experiment of "Cold Fusion" Using CR-39 Plastic Track Detector," The Science of Cold Fusion, Proceedings of the II Annual Conference on Cold Fusion, Como, Italy, June 29-July 4, 1991, pp 169-173, 7 refs, 2 figs, 1 table. (FF Jan. 1991) (FF April 1992)
1362. Shunjin Wang (Department Mod. Physics, Lanzhou University, China), "Effect of Coulomb Screening on Deuterium-deuterium Fusion Cross Section," Gaoneng Wuli Yu Hewuli, vol. 15, no. 8, 1991, pp 761-764. (FF April 1992)
1363. Arthur Wasserman (Consultant), "Electrochemical Method of Reducing Aluminum Oxide and Producing Additional Energy," Fusion Technology, vol. 21, no. 2, March 1992, pp 168-169, 1 fig, 1 table, 6 refs. (FF March 1992)
1364. A. Watanabe and Y. Fukai (Dept. of Phys., Faculty of Science and Eng., Chuo U., Japan) and N. Niimura and O. Konno (Laboratory of Nuclear Science, Faculty of Science, Tohoku U., Japan), "A Search for Fracture-induced Nuclear Fusion in Some Deuterium-loaded Materials," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
1365. Su-Huai Wei and Alex Zunger, "Stability of Atomic and Diatomic Hydrogen in FCC Palladium," Solid State Communications, vol. 73, February 1990, pp 327-330.
1366. H. Werle et al., "Trials to Induce Neutron Emission from a Titanium Deuterium System," Fusion Technology, vol. 16, November 1989, pp 391-396.
1367. Richard Westfall (Research Director, Galactic Mining Industries, Inc.), "Decouples Orbital Systems, Superconductors, and Cold Fusion," Fusion Facts, July 1990, pp 12-14, 4 refs.
1368. K.B. Whaley (U. of California, Berkeley), "Boson Dynamics of Deuterium in Metals," Proceedings of the NSF-EPRI Workshop on Anomalous Effects in Deuterated Materials, Washington D.C., October 1989. (FF Dec. 1989)
1369. K.B. Whaley, "Boson Enhancement of Finite Temperature Coherent Dynamics for Deuterium in Metals," Phys. Rev. B, vol. 41, no. 6, 15 Feb. 1990, pp 34737-81, 21 refs, 6 figs, 3 tables. (FF Dec. 1989)
1370. C.T. White, D.W. Brenner, R.C. Mowrey, J.W. Mintmire, P.P. Schmidt, and B.I. Dunlap, "D-D (H-H) Interactions within the Interstices of Pd," Japanese J. of Applied Physics, vol. 30, no. 1, Jan 1991, pp 182-9, 69 refs. (FF June 1991)
1371. C.T. White, B.I. Dunlap, D.W. Brenner, R.C. Mowrey, J.W. Mintmire (Naval Research Lab., Washington D.C.), "Limits of Chemical Effects on Cold Fusion," J. Fusion Energy, vol. 9, no. 3, pp 363-6, 1990. (FF Oct. 1991)
1372. Carol White (21st Century Science and Technology Editor), "Cold Fusion is a Revolution in Science," Executive Intelligence Review, vol. 18, no. 31, pp 36-47. (FF Sep. 1991)
1373. Carol White and Laurence Hecht (with 21st Century Science and Technology), "Cold Fusion Boiler to be Built this Year," The New Federalist, April 6, 1992, p 9. (FF April 1992)

1374. Carol White (Editor-in-Chief), "Takahashi Brings Cold Fusion Results and New Theory to U.S.," 21st. Century Science and Technology, Summer 1992, vol. 5, no. 2 pp 63-69, illus, 4 figs. (FF Sep. 1992)
1375. John N. White, "A Protium to Deuterium Theory of Cold Fusion", Fusion Facts, July 1990, pp 17-19, 2 refs.
1376. Harold Wiesmann (Dept. of Applied Science, Brookhaven), "Examination of Cathodically Charged Palladium Electrodes for Excess Heat, Neutron Emission, or Tritium Production," Fusion Technology, vol. 17, March 1990, pp 350-357, 7 refs. (FF Mar. 1990)
1377. F.G. Will, K. Cedzynska, M-C. Yang, J.R. Peterson, H.E. Bergeson, S.C. Barrowes, W.J. West and D.C. Linton (National Cold Fusion Inst., University of Utah, USA), "Studies of Electrolytic and Gas Phase Loading of Palladium and Deuterium," presented at Second Annual Conference on Cold Fusion, June 29-July 4, 1991, Como, Italy. (FF July 1991)
1378. Fritz G. Will and Ming-Chang Yang, "Cold Fusion Studies in a High-pressure Sealed Cell," Investigation of Cold Fusion Phenomena in Deuterated Metals, Final Report, Volume I, 1991, pp 94-130, 25 figs, 4 refs. (FF Aug. 1991)
1379. F.G. Will, K. Cedzynska, D.C. Linton, "Tritium and Neutron Generation in Palladium Cathodes with High Deuterium Loading," Investigation of Cold Fusion Phenomena in Deuterated Metals, Final Report, Volume I, 1991, pp 131-150, 5 figs, 18 refs. (FF Aug. 1991)
1380. F. G. Will (National Cold Fusion Inst., U. of Utah), "Overview and Executive Summary," Investigation of Cold Fusion Phenomena in Deuterated Metals, Final Report, Volume I, pp 1-64, 1991, 504 refs. (FF Aug. 1991)
1381. F.G. Will, K. Cedzynska, M.C. Yang, J.R. Peterson, H.E. Bergeson, S.C. Barrowes, W.J. West and D.C. Linton (National Cold Fusion Inst., University of Utah, USA), "Studies of Electrolytic and Gas Phase Loading of Palladium with Deuterium," The Science of Cold Fusion, Proceedings of the II Annual Conference on Cold Fusion, Como, Italy, June 29-July 4, 1991, pp 373-383, 11 refs, 8 figs, 2 tables. (FF April 1992)
1382. D. E. Williams et al., "Upper Bounds on 'Cold Fusion' in Electrolytic Cells," Nature, vol. 242, 23 November 1989, pp 375-384.
1383. J.Z. Williams, G. Feldman, H.R. Weller, D.R. Tilley (Duke University), "The  ${}^6\text{Li}(d){}^8\text{Be}$  Reaction at  $E(3)=9.0$  MeV and the D-state of Beryllium-8," Physics Letter B, vol. 273, no. 3, 1991, pp 211-215. (FF April 1992)
1384. W. T. Williams et al., "Search for Energetic-charged-particle Emission from Deuterated Ti and Pd Foil," Physical Review Letters, vol. 63, 30 October 1989, pp 1926-1929.
1385. R.H. Wilson, J.W. Bray, P.G. Kosky, H.B. Vakil (GE Corp. R&D, Schenectady) and F.G. Will (currently at U/U), "Analysis of Experiments on the Calorimetry of LiOD-D(2)O Electrochemical Cells," J. Electroanalytical Chem., vol. 332, 1992, pp 1-31, 7 figs, 4 tables, 11 refs, paper received 24 June 1991. (FF Aug. 1992) (FF Oct. 1992) See reply by Fleischmann and Pons, same publication.

1386. F. Winterberg (U. of Nevada), "Wheeler's Geometrodynamics and the Zero Point Energy," *Galilean Electrodynamics*, vol. 3, no. 1, Jan./Feb. 1992, pp 3-4, 5 refs. (FF Dec. 1991)
1387. R.H. Wiswall and J.J. Reilly, "Inverse Hydrogen Effects in Some Metal Hydride Systems," *Inorganic Chemistry*, vol. 11, 1972, pp 1691-1696. (FF Feb. 1991)
1388. Kevin Wolf (Texas A&M), "Neutron Emission Studies," Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
1389. K.L. Wolf, L. Whitesell, J. Shoemaker and H. Jabs (Texas A&M), "A Search for Charged-particle Emission from Deuterated Titanium Alloys," Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
1390. K.L. Wolf, D. Lawson, J. Shoemaker, B. Dean and D. Coe (Texas A&M), "On the Observation of Tritium from the Electrolysis of Heavy Water," Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
1391. K.L. Wolf, N.J.C. Packham, D.R. Lawson, J. Shoemaker, F. Cheng, and J.C. Wass (Texas A&M), "Neutron Emission and the Tritium Content Associated with Deuterium Loaded Palladium and Titanium Metals," Proceedings of the Workshop on Cold Fusion Phenomena, May 23-25, 1989, Santa Fe, NM. (FF Sep. 1989)
1392. Worledge (EPRI), "Summary of Progress," Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
1393. David H. Worledge (EPRI), "Technical Status of Cold Fusion Results," Proceedings of The First Annual Conference on Cold Fusion, March 28-31, 1990, University of Utah Research Park, Salt Lake City, Utah. (FF Apr. 1990)
1394. Ji-an Xu (U. Hawaii), "D-D Distribution in PdD(0.4) at High Pressure," Proceedings of the Cold Fusion Symposium, World Hydrogen Energy Conference #8, Honolulu, Hawaii, July 22-27, 1990. (FF Aug. 1990)
1395. Norio Yabuuchi (High Scientific Research Lab., Tsu City, Japan), "Quantum Mechanics on Cold Fusion," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
1396. M. Yagi et al., "Measurement of Neutron Emission from a Ti-D(2) System," *Journal of Radioanalytical and Nuclear Chemistry*, vol. 137, Dec. 1989, pp 411-420.
1397. M. Yagi et al., "Measurement of Neutron Emission from a Si O(2)-D(2) System," *Journal of Radioanalytical and Nuclear Chemistry*, vol. 137, 1 December 198, pp 421-429.
1398. Yamada, N. Sugaya, T. Kamioka, M. Matsukawa, T. Fujiwara and K. Noto (Iwate University, Morioka, Japan), "Neutron Emission form Palladium Electrodes in Deuterium Gas under Highly Non-uniform Electric Field," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)

1399. Eiichi Yamaguchi, Takashi Nishioka (Basic Res. Labs., NTT, Japan), "Cold Nuclear Fusion Induced by Controlled Out- Diffusion of Deuterons in Palladium," Jpn. J. Appl. Phys., Part 2, vol. 29, no. 4, 1990, pp L666-9. (FF Sep. 1990)
1400. Eiichi Yamaguchi and Takashi Nishioka (NTT Basic Res. Labs., Tokyo, Japan), "Nuclear Fusion Induced by the Controlled Out-transport of Deuterons in Palladium," Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
1401. Eiichi Yamaguchi and Takashi Nishioka (NTT Basic Research Labs., Tokyo), "Cold Nuclear Fusion Induced by Controlled Out-Diffusion of Deuterons in Palladium," Japanese Journal of Applied Physics, Part 2 Letters, vol. 29, no. 4, pp L666-L669, 26 refs. (FF July 1990)
1402. Eiichi Yamaguchi and Takashi Nishioka (NTT Basic Research Laboratories, Tokyo), "Nuclear Fusion Induced by the Controlled Out-transport of Deuterons in Palladium," Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems, Brigham Young U., October 22-24, 1990. (FF Jan. 1991)
1403. Eiichi Yamaguchi and Takashi Nishioka (NTT Basic Res. Labs., Tokyo), "New Method for Inducing Anomalous Nuclear Effects in Deuterated Palladium system," Proceedings of ISEM - Nagoya, Int. Symp. on Nonlinear Phenomena in Electro Magnetic Fields, Jan 26-29, 1992, 4 pages, 4 figs, 2 refs. (FF Feb. 1992)
1404. Eiichi Yamaguchi and Takashi Nishioka (NTT Basic Research Labs., Tokyo, Japan), "Direct Evidences of Nuclear Fusion Reaction in Deuterated Palladium," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Nov. 1992)
1405. Yamamoto, M. Yamaguchi, T. Kobayashi (Yokohama Nat'l U.), T. Goto (U. of Tokyo), S. Miura, and I. Mogi (Tohoku U.), "Pressure-composition Isotherm in a Magnetic Field for the Metal-hydrogen System," Japanese Journal of Applied Physics, vol. 28, no. 12, Dec 1989, pp 2629-2630, 4 refs. (FF Mar. 1990)
1406. Nobushige Yamamoto, Takeo Osaka, Takashi Terashima and Noboru Oyama (Tokyo U. of Agriculture and Technology), " In Situ Electrochemical Quartz Crystal Microbalance Studies of Water Electrolysis at a Palladium Cathode in Acidic Aqueous Media," J. Electroanalytical Chem., vol. 296, 1990, pp 463-471. (FF Feb. 1991)
1407. Takao Yamamoto, R. Taniguichi, T. Oka, K. Kawabata, (Res. Inst. Adv. Sci. Technol., U. Osaka Prefect., Sakai, Japan 593), " In situ Observation of Deuteride Formation in Palladium Foil Cathode by an X-ray Diffraction Method," J. Less-Common Met., 1991, vol. 174, nos. 1-2, pp 1381-7. (FF April 1992)
1408. C.S. Yang, C.Y. Liang, T.P. Perng, L.J. Yuan, C.M. Wan and C.C. Wan (Materials Science Center, National Tsing Hua University, Hsinchu, Taiwan), "Observations of Excess Heat and Tritium on Electrolysis of D(2)O," Proceedings of the Cold Fusion Symposium, World Hydrogen Energy Conference #8, Honolulu, Hawaii, July 22-27, 1990. (FF Aug. 1990)

1409. Jiefu Yang (Dept. Physics, Hunan Norm. U., China), "A New Fusion Mechanism," Hunan Shifan Daxue Ziran Kexue Xuebao, 1991, vol. 14, no. 2, pp 126-32, in Chinese. (FF Feb. 1992)
1410. Shin Nan Yang, Yi Chen Cheng, W.Y.P. Hwang, Shyh Tzong Lee, Chi I. Wu (Dept. Physics, National Taiwan U., Taipei, Taiwan), "Cluster-impact Fusion and Warm Atomic Plasma," Chin. J. Phys. (Taipei), 1991, vol. 29, no. 4, pp 385-94. (FF Feb. 1992)
1411. M. Yanokura et al., "An Approach to the Cold Fusion Through Hydrogen Isotopes Analysis by the Heavy Ion Rutherford Scattering," Chemistry Letters, no. 12, 1989, pp 2197-2200.
1412. M.A. Yaroslavskii (Inst. Fiz. Zemli Im. Shmidta, Moscow), "Possible Mechanism of Nuclear Reaction Initiation Due to Temperature Variations and Phase Transitions in Condensed Matter," Dokl. Akad. Nauk SSSR, 1989, vol. 308, no. 1, pp 95-97, in Russian. (FF Dec. 1989)
1413. Yasui (Dept. of Physics, Waseda University, Tokyo, Japan), "Fractofusion Mechanism," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
1414. Yazawa, "Cold Fusion in Japan: Excitement and Success," 21st Century Science and Technology, Sep.-Oct. 1989. (FF Oct. 1989)
1415. Kiyoshi Yazawa (Japan), "Cold Fusion in Japan: Excitement and Success," Fusion Asia, vol. 6, no. 2, 1989, pp 14-15. (FF Dec. 1989) (FF May 1990)
1416. K. Yoshihara et al., "An Attempt to Detect Fracto-fusion During Microwave Irradiation of D(2)O Loaded Silica Gel," Journal of Radioanalytical Nuclear Chemistry, Letters, vol. 137, 1989, pp 333-339.
1417. J.H. You, F.H. Cheng, F.Z. Cheng and F.H. Huang (U. of Science and Technology of China), "Interior Adsorption, Channel Collimation, and Nuclear Fusion in Solids," Phys. Rev. B, vol. 43, no. 9, 15 March 1991, pp 7293-6. (FF May 1991)
1418. L.J. Yuan (Inst. of Nuclear Science), C.M. Wan, C.Y. Liang and S.K. Chen (Materials Science Center, National Tsing Hua U.), "Neutron Monitoring on Cold Fusion Experiments," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Nov. 1992)
1419. Kyung-Suk Yun, Jeh-Beck Ju, Byung-Won Cho, Won-Il Cho and Seong-Yong Park (Electrochem. Lab., Korean Inst. of Sci. and Tech., S. Korea), "Calorimetric Observation of Heat Production During Electrolysis of 0.1 M LiOD + D(2) Solution," J. Electroanalytical Chem., vol. 306, no. 1-2, 24 May 1991, pp 279-85, 5 figs, 25 refs. (FF Nov. 1991)
1420. L.L. Zahm et al., "Experimental Investigations of the Electrolysis of D(2)O Using Palladium Cathodes and Platinum Anodes," Journal of Electroanalytical Chemistry, vol. 281, 26 March 1990, pp 313-321.

1421. Jerzy Zak (Inst. Chem. Technol. Nieorg., Poland), "Low-temperature Fusion of Light Nuclei in the Fleischmann-Pons Reaction," *Inz. Apar. Chem*, vol 28, no 5, 1989, pp 3-4, in Polish. (FF Sep. 1990)
1422. Zakowicz and J. Rafelski (U. of Arizona), "Low Energy Nuclear Resonance and Cold Fusion," *Proceedings of Anomalous Nuclear Effects in Deuterium/Solid Systems*, Brigham Young University, October 22-24, 1990. (FF Nov. 1990)
1423. Wladyslaw Zakowicz (Polish Academy of Sciences, Warsaw), "Possible Resonant Mechanism of Cold Fusion," *Fusion Technology*, vol. 19, no. 1, January 1991, pp 170-3. (FF Jan. 1991)
1424. Ya. B. Zeldovich and A.D. Sakharov (Fiz. Inst. Im. Lebedeva), "Reactions Induced by Muons in Hydrogen," *Usp. Fiz. Nauk.*, 1991, vol. 161, no. 5, pp 43-46, in Russian. (FF Nov. 1991)
1425. V.F. Zelenskii, V.P. Bozhko, V. Ya. Golovnya and S.N. Oleinik, "Experiments on Cold Deuteron-deuteron Fusion During Ion Implantation," *Vopr. At. Nauki Tekh, Ser. Fiz.*, 1990, vol. 1, pp 91-93, in Russian. (FF May 1991)
1426. V.F. Zelenskii, V.F. Rybalko, A.N. Morozov, G.D. Tolstolutsкая, V.G. Kulish, S.V. Pistryak and I.S. Martynov, "Experiments on Cold Nuclear Fusion in Palladium and Titanium Saturated with Deuterium by Ion Implantation," *Vopr. At. Nauki Tekh, Ser. Fiz.*, 1990, vol. 1, pp 65-77, in Russian. (FF May 1991)
1427. Linshao Zhang (Jilin University, China), "An Expression of Absolute Electrode Potential of Hydrogen Electrode Reaction," *Gaodeng Xuexiao Huaxue Xuebao*, vol. 12, no. 6, 1991, pp 806-808. (FF April 1992)
1428. Q.F. Zhang, B.Y. Mu, Z.H. Zhu, Q.Q. Gou (Inst. for Atomic and Molecular Science at High Temperature and High Pressure, Chendgu University of Science and Technology, China), "The Titanium Cathode-electrolysis Study in Cold Fusion," abstract submitted to Second Annual Conference on Cold Fusion, June 29-July 4, 1991, Como, Italy. (FF July 1991)
1429. Q.F. Zhang, Q.Q. Gou, Z.H. Zhu, J.M. Luo (The Institute of Atomic and Molecular Science at High-Temperature and High-Pressure, Chengdu U. of Science and Tech., China) and T.G. Lin (The Measurement Center of Chengdu University of Electron Science and Technology, Chengdu, China), "The Measurement of  $^4\text{He}$  in Ti-Cathode from Cold Fusion," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
1430. Wan-Xiang Zhang (Beijing Institute of Applied Physics and Computational Mathematics), "Possibility of Phase Transitions Inducing Cold Fusion in Palladium/Deuterium Systems," *Fusion Technology*, vol. 21, no. 1, pp 82-85, 2 tables, 14 refs. (FF Jan. 1992)
1431. Zhongxi Zhang (Southeast U., Nanjing) and Hongyi Fan (World Lab., Beijing), "Properties of States Generated by Excitations on a Squeezed Vacuum State," *Physics Letters A*, vol. 165, no. 1, May 4, 1992, pp 14-18, 8 refs. (FF June 1992)

1432. Zhong-Liang Zhang (Inst. of Chem., Academia Sinica) and Shu-I Liu (U. of Science and Technology of China), "Thermodynamic Theory of Cold Nuclear Fusion (C.N.F.)," presented at the Third International Conference on Cold Fusion, October 21-25, 1992, Nagoya, Japan. (FF Dec. 1992)
1433. W. Zhong, Y. Cai, and D. Tomanek (Dept. of Physics and Astronomy, Center for Fundamental Materials Research, Michigan State U., USA), "Mechanical Stability of Pd-H Systems: a Molecular-dynamics Study," *Physical Review B*, vol. 46, no. 13, 1 October 1992. (FF Dec. 1992)
1434. Rongbao Zhu, Xiaozhong Wang, Feng Lu, Dazhao Ding, Jianyu He, Hengjun Liu, Jincui Jiang, Guoan Chen, Yuan Yuan, Liucheng Yang, and Zhonglin Chen (China Inst. of Atomic Energy, Beijing), "Measurement of Neutron Burst Production in Thermal Cycle of D(2) Absorbed Titanium Chips," *Fusion Technology*, Nov 1991, vol. 20, no. 3, pp 349-353, 5 figs, 4 refs. (FF Nov. 1991)
1435. Rongbao Zhu, Xiaozhong Wang, Feng Lu, Longjun Luo, Jianyu He, Dazhao Ding, H.O. Menlove (China Inst. Atomic Energy, Beijing), "Measurement of Anomalous Neutron from Deuterium/Solid System," *Yuanzineng Kexu Jishu*, 1991, vol. 25, no.6, pp 84-92, in Chinese. (FF Oct. 1992)
1436. S.B. Zhu, J. Lee and G.W. Robinson (Texas Tech. U.), "Kinetic Energy Imbalance in Homogeneous Materials," *Chem. Phys. Letters*, vol. 161, 1989, pp 249-252; and S.B. Zhu, J. Lee and G.W. Robinson (Texas Tech. U.), "Nonlinear Effects on Thermonuclear Reaction Rates," *Phys. Letters A*, vol. 144, 1990, pp 361-364. (FF Feb. 1991)
1437. Richard W. Ziolkowski and Michael K. Tippett (U. of CA, Lawrence Livermore Nat'l Lab.), "Collective Effect in an Electron Plasma System Catalyzed by a Localized Electromagnetic Wave," *Physical Review A*, vol. 432, no. 6, pp 3066-3072, 15 March 1991, 7 refs. (FF Nov. 1991)
1438. K.L. Zondervan, "Cold Fusion Works at Stanford University," *21st Century Science and Technology*, Spring 1990, pp 16-22. (FF June 1992)
1439. H. Zuchner and T. Rauf (Inst. for Physical Chem., U. Munster), "Electrochemical Isotherm Measurements on the Pd-H and PdAg-H Systems," *J. of Less-Common Metals*, Aug 30, 1991, vol. 172-174, pp 816-823, 7 figs, 7 refs. (FF Dec. 1991)
1440. Zywocinski, Hulin Li, A.A. Tuinman, Paula Campbell, James Q. Chambers, W. A. VanHook, "Analysis for Light Atoms Produced in the Bulk Phase of a Tubular Palladium-silver Alloy Cathode Working Electrode," *J. Electroanalytical Chem. Interfacial Electrochem.*, 1991, vol. 319, nos. 1-2, pp 195-205. (FF June 1992)



## **A2. Books and Proceedings**

1441. Harald Bottger and Valerij V. Bryksin, Hopping Conduction in Solids, Academic-Verlag, Berlin, 1985. This book cites hundreds of references in the treatment of electrons and charged particle movement in solids. (FF Nov. 1989) (FF Feb. 1990)
1442. Highlights of Papers Presented at the Workshop on Cold Fusion Phenomena, published by Los Alamos National Laboratory, Santa Fe, New Mexico, May 23-25, 1989. This 26-page document is available from the National Technical Information Service, U. S. Department of Commerce, 5285 Port Royal Rd., Springfield, VA 22161. (FF Sep. 1989)
1443. John R. Huizenga, COLD FUSION, The Scientific Fiasco of the Century, University of Rochester Press, c 1992.
1444. P.K. Iyengar and M. Srinivasan, Editors, " BARC Studies in Cold Fusion (April-Sep. 1989)," published by Govt. of India, Atomic Energy Commission, Bhabha Atomic Research Centre, Trombay, Bombay, India, BARC-1500, 1 Dec. 1989, 20 articles. (FF Feb. 1990)
1445. Eugene Mallove, FIRE FROM ICE, Searching for the Truth Behind the Cold Fusion Furor, John Wiley and Sons, Inc., c 1991.
1446. David Peat, COLD FUSION, The Making of a Scientific Controversy, Contemporary Books (Chicago) and Beaverbooks (Ontario, Canada), c 1989. [First book on cold fusion.] (FF Jan. 1990)
1447. Proceedings of the Fifth International Conference on Emerging Nuclear Energy Systems, Karlsruhe, Federal Republic of Germany, July 3-6, 1989, published by the World Scientific Publishing Company, Farrer Road, P. O. Box 128, Singapore 9128. (FF Mar. 1990)

## **A3. ELECTROCHEMICAL SOCIETY MEETING IN HOLLYWOOD, FL.**

(Organizing chairperson, L.R. Faulkner). The following papers were presented Oct. 19-20, 1989:

1448. J.N. Harb, W.G. Pitt, D.N. Bennion, E.P. Palmer, J.B. Zirr, G.L. Jensen, and S.E. Jones (BYU), "Observation of Neutrons from Cold Nuclear Fusion."
1449. M.A. Butler, D.S. Ginley, J.E. Schirber, and R.I. Ewing, "Attempts to Observe Cold Fusion in Pressure and Electrochemical Experiments."
1450. A. Jorne and J. Toke (U. of Rochester), "Search for Cold Fusion of Deuterium in Palladium."
1451. Alqasmi, K. Albertsen, H.G. Chotka, and H.J. Schaller, "Neutrons and Tritium from Cold Fusion in Pd-D."

1452. A.J. Appleby, Y.J. Kim, O.J. Murphy, and S. Srinivasan (Texas A&M), "Anomalous Heat Production on Electrolyzing Heavy Water Solutions of Lithium Deuterioxide with Palladium Cathodes."
1453. Adzic, D. Gervasio, I. Bae, B. Cahan, and E. Yeagar (Case Western), "Investigation of Phenomena Related to D(2)O Electrolysis at a Palladium Cathode."
1454. Landau, W.M. Lynes, D. Roha, R. Saini, and S. Rochel-Landau (Case Western), "Experiments in Search of Electrochemically Induced Cold Fusion."
1455. Darcy, D. Young, G. Badhwar, and A. Konradi, "Search for Evidence of Cold Fusion by Radiation Detection and Calorimetry."
1456. S. Gottesfeld, R.E. Anderson, D.A. Baker, C.R. Derouin, F.H. Garzon, C.A. Goulding, M.W. Johnson, E.M. Leonard, T.E. Springer, and T. Zawodzinski, "Experiments in Search of Nuclear Reactions and Excess Heat in Metal Deuterides."
1457. R.A. Oriani, J.C. Nelson, S.K. Lee, and J.H. Broadhurst, "Calorimetric Measurements of Anomalous Power Produced by Cathodic Charging of Deuterium into Palladium."
1458. J. McBreen (Brookhaven Nat'l Lab.), "Electrolysis of LiOD in a Sealed Cell."
1459. W.A. Adams, E.E. Criddle, V.S. Donepudi, B.E. Conway, G. Jerkiewicz, J. Herbert, C.L. Gardner, and F. Szabo, "Exploratory Experiments Concerning Anomalous Thermal Effects in the Palladium-deuterium System."
1460. J.W. Fleming, H.H. Law, P.K. Gallagher, J. Sapjeta, D. Loiacano, and W.F. Marohn, "Effect of Microstructure on the Incorporation of Deuterium into Palladium."
1461. H.H. Law, P.K. Gallagher, J. Sapjeta, and R. Stoffers, "Diffusion of Deuterium in Palladium."
1462. Ross and H. Sokol, "In Situ Measurements of the H(D) Thermodynamic Activity and Stoichiometry in Pd during Electrolysis."
1463. Y.E. Kim (Purdue), "Neutron-induced Chain-reaction Processes for Electrolysis with Metal Deuterides."
1464. R.T. Bush, and R.D. Eagleton (Cal Poly, Pomona), "A Loose Deuteron Cluster Model for Cold Nuclear Fusion."
1465. S. Crouch-Baker, T.M. Gur, G. Lucier, M Schreiber, and R.A. Huggins (Stanford), "Comparison of Thermal Measurements on Two Fast Mixed-conductor Systems: Deuterium and Hydrogen in Palladium."
1466. J.W. Fleming, H.H. Law, J. Sapjeta, P.K. Gallagher, and W. Marohn, "Calorimetric Studies of Electrochemical Incorporation of Hydrogen Isotopes into Palladium."
1467. M.C.H. McKubre, S.I. Smedley, F.L. Tanzella, and R.D. Weaver, "Calorimetric and Kinetic Observation of D(2)-Pressurized LiOD/D(2)O/Pd Cells."
1468. T.R. Jow, E. Plichta, C. Walker, S. Slane, and S. Gilman, "Investigation of 'Electrochemically Induced Nuclear Fusion of Deuterium'--Heat Measurements."

1469. M.H. Miles, K.H. Park, and D.E. Stilwell, "An Electrochemical Calorimetric Search for Evidence of Cold Fusion."
1470. A. Redey, K.M. Myles, D. Dees, M. Krumpelt, and D.R. Vissers, "Electrochemical and Calorimetric Investigations of the Pd-D System."
1471. V.C. Noninski, and C.I. Noninski (LEPGER, Bulgaria), "Energy Effects during the Electrolysis of D(2)O with Pd and Pt Electrodes."
1472. Huang, Q.H. Gao, B.Y. Liaw, and B.E. Liebert, "A Flow Calorimeter Used in Duplication of 'Cold Fusion'."
1473. R.T Bush, R.D. Eagleton, and J.F. Stephenson, "Cold Nuclear Fusion Research at Cal Poly Pomona: Some Preliminary Data."

====End of listed papers for Florida Conference.