

calendar

NOVEMBER 1982

- 1-3 **Short Course on Water Soluble Polymers—Synthesis, Structure and Applications** New Paltz, NY 7/82
- 1-3 **Symp on Intercalated Graphite** Boston, MA
- 1-4 **Ann Mtg of the Materials Res Soc** Boston 3/82
- 1-4 **Symp on Alloy Phase Diagrams** Boston 5/82
- 1-4 **Short Course on Understanding Polymer Sci—Synthesis, Characterization, Properties** New Paltz, NY 7/82
- 1-5 **APS Plasma Phys Div** New Orleans, LA 9/81
- 3-4 **Symp on Laser Diagnostics and Photochemical Processing for Semiconductor Devices** Boston
- 3-5 **APS Fall Mtg** Philadelphia 9/81
- 3-5 **Zones 2, 3 & 4 SPS Mtg** Philadelphia
- 8-10 **7th Conf on the Application of Accelerators in Res and Industry** Denton, TX 3/82

- 8-10 **Int Conf on Emergent Process Methods for High Tech Ceramics** Raleigh, NC 7/82
- 8-12 **ASA 104th Mtg** Orlando, FL 9/81
- 8-12 **Short Course on Fusion Methods (Hot Stage)** Chicago 3/82
- 8-12 **Int Symp on Recent Adv in Nuclear Material Safeguards** Vienna, Austria 5/82
- 10-12 **40th Ann Pittsburgh Diffraction Conf** Pittsburgh 7/82
- 11-12 **Texas Sec of APS** Austin, TX
- 11-12 **Fano Symp** Univ. of Chicago
- 11-13 **Zone 10 SPS Mtg** Austin, TX
- 14-19 **ANS Winter Mtg** Washington, DC 1/82
- 15-17 **14th Ann Symp on Optical Materials for High Power Lasers** Boulder, CO 5/82
- 15-18 **Top Conf on Chondrules & Their Origins** Houston 7/82
- 15-19 **Short Course on Laser Fundamentals and Systems** Washington, DC
- 16-19 **29th Nat Vacuum Symp** Baltimore 9/81
- 16-19 **SPS Programs at AVS Mtg** Baltimore, MD

Coding: date title [sponsor] location [contact] [abstract deadline] PHYSICS TODAY issue containing full listing

Please note: A calendar entry preceded by an ➤ is a new and complete listing. A ● denotes an entry that contains additional or revised information. An entry not preceded by either symbol is an abridged version of a complete listing previously published in PHYSICS TODAY. The date at the end of an abridged entry specifies the issue in which the item originally appeared.

Abbreviations:

AAAS American Association for the Advancement of Science
AAPM American Association of Physicists in Medicine
AAPT American Association of Physics Teachers
AAS American Astronomical Society
ACA American Crystallographic Association
AGU American Geophysical Union
ANS American Nuclear Society
APS American Physical Society
ASA Acoustical Society of America
AVS American Vacuum Society
CNRS Centre National de la Recherche Scientifique
DOE Department of Energy
DPG Deutsche Physikalische Gesellschaft
IAEA International Atomic Energy Agency
IAU International Astronomical Union

IEEE Institute of Electrical and Electronics Engineers
IOP The Institute of Physics
IUPAC International Union of Pure and Applied Chemistry
IUPAP International Union of Pure and Applied Physics
LBL Lawrence Berkeley Laboratory
LLL Lawrence Livermore Laboratory
NAS National Academy of Sciences
NBS National Bureau of Standards
NRC Nuclear Regulatory Commission
NRL Naval Research Laboratory
NSF National Science Foundation
ONR Office of Naval Research
ORNL Oak Ridge National Laboratory
OSA Optical Society of America
S of R Society of Rheology
SPS Society of Physics Students

A calendar of physics-related meetings is included only in alternate (odd-numbered) months. Send information to: Calendar, PHYSICS TODAY, 335 East 45th Street, New York, N.Y. 10017. A notice should be timed to arrive three months before the listing should appear.

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- 16-10 Course on Mathematical Methods in Ecology Trieste, Italy 5/82
- 21-22 New England Sec of APS Boston 7/82
- 21-23 APS Fluid Dynamics Div New Brunswick, NJ 9/81
- 22-26 Int Symp on Water Chem and Corrosion Problems of Nuclear Reactor Systems and Components Vienna, Austria 5/82
- 29-3 Short Course on Optical Int Coating Tech UCLA 7/82
- 30-2 14th Ann Precise Time and Time Interval Applications and Planning Mtg Greenbelt, MD 7/82
- 30-3 Applied Superconductivity Conf Knoxville, TN 5/82
- 30-3 → A Short Course in: Defining Software Requirements, Specifications & Tests Boston (Ruth Dordick, Integrated Computer Systems, 3304 Pico Blvd., PO Box 5339, Santa Monica, CA 90405 [(213) 450-2060])
- 30-10 Short Course on Fundamental Principles and Applications of Acoustic Waves Erice-Trapani, Sicily 9/82

DECEMBER 1982

- 6-10 Int Conf on Chemistry and World Food Supplies—The New Frontiers Manila 1/82
- 6-10 Short Course on Gamma-Ray Spectroscopy for Nuclear Material Accountability Los Alamos, NM 5/82
- 6-10 → A Short Course on: Laser Beam Propagation and Interaction Effects Huntsville, AL (Engineering Technology, Inc., PO Box 9000, Waco, TX 76710 [(817)772-0082])
- 6-10 → Short Course on Laser Safety Las Cruces (Engineering Technology, Inc., PO Box 9000, Waco, TX 76710 [(817)772-0082])
- 7-9 Short Course on Thin Film for Hybrids Santa Clara, CA 9/82
- 7-10 → A Short Course on: Adv Microprocessor Programming & Applications Techniques Boston (Ruth Dordick, Integrated Computer Systems, 3304 Pico Blvd., PO Box 5339, Santa Monica, CA 90405 [(213)450-2060])
- 7-10 → A Short Course on: Signal & Image Processing Real-Time Hardware Design Boston (Ruth Dordick, Integrated Computer Syst, 3304 Pico Blvd., P. O. Box 5339, Santa Monica, CA 90405 [(213)450-2060])
- 13-15 Optical Fabrication & Testing Workshop Palo Alto, CA 5/82
- 13-17 11th Texas Symp on Relativistic Astrophysics Austin TX 1/82
- 13-17 → US-Japan Workshop on Chaotic Behavior in Plasma Physics Austin, TX (W. Horton, Inst. Fusion Studies, U. of Texas, Austin, TX 78712, [(512)471-1594])
- 14-16 → 1982 Natl Waste Terminal Storage Program Information Mtg Las Vegas (Lorna McGee, Battelle, Project Management Div, 505 King Ave, Columbus, OH 43201 [(614)424-7671])

27-31 3rd Phys Symp in Chile Santiago, Chile 5/82

JANUARY 1983

- 1 Short Course on Optical Sci & Eng Tucson, AZ 7/82
- 4-6 → Dynamics Days: Nonlinear Dynamics and Chaotic Behavior [La Jolla Instit.] San Diego, CA (Robert H. G. Helleman, La Jolla Institute, PO Box 1434, La Jolla, CA 92038 [(714)454-3581])
- 5-11 Short Course on Imaging and Microanalysis with High Spatial Resolution Tempe, AZ 9/82
- 6-8 Workshop on Positron-Electron Pairs in Astrophysics Greenbelt, MD 7/82
- 9-12 AAS Gen Mtg Boston 5/82
- 10-12 Top Mtg on Excimer Lasers Lake Tahoe, NV 5/82
- 10-12 Top Mtg on Optical Techniques for Remote Probing of the Atmosphere Lake Tahoe, NV 5/82
- 12 → Shifting Energy Priorities [Nat. Energy Resources Org.] New York City (James T. Mills, The Conference Board, Inc., PO Box 4026, Church Street Station, New York, NY 10249 [(212)759-0900])
- 12-14 Top Mtg on Signal Recovery and Synthesis with Incomplete Information and Partial Constraints Lake Tahoe, NV 5/82
- 12-14 Top Mtg on Meteorological Optics Lake Tahoe, NV 5/82
- 12-15 Short Course on Surface Imaging and Analysis with High Spatial Resolution Castle Hot Springs Conf. Ctr., AZ 9/82
- 13-15 → Workshop on Cataclysmic Variables and Low-Mass X-ray Binaries [AAS] Cambridge, MA (Joe Patterson, Harvard-Smithsonian Center for Astrophysics, 60 Garden St., Cambridge, MA 02138 [(617)495-7142])
- 15-16 Symp on Ecological Assessment of Macrophyton-Collection, Use and Meaning of Data Fort Lauderdale, FL 7/82
- 16-21 Conf on Adv in Automation Santa Barbara, CA 5/82
- 17-20 Top Mtg on Optical Storage of Digital Data Lake Tahoe, NV 5/82
- 17-21 Los Angeles '83 Tech Symp and Instr Exhibit Los Angeles 9/82
- 17-22 3rd New Zealand Summer School in Laser Physics Hamilton, New Zealand 7/82
- 18-21 → A Short Course on: Defining Software Requirements, Specifications & Tests San Diego (Ruth Dordick, Integrated Computer Systems, 3304 Pico Blvd., PO Box 5339, Santa Monica, CA 90405 [(213)450-2060])
- 20 → 3rd Ann Plasma Processing Symp [Northern California Chapter AVS] San Jose (R. A. Powell, Varian Associates, Corporate Research Lab, 611 Hansen Way, Palo Alto, CA 94303 [(415)493-4000 x-3141,3359])
- 24-27 Joint APS/AAPT Mtg New York 7/82

24-28 7th Ann Symp on Energy from Biomass and Wastes Buena Vista, FL 9/82

25-27 10th Ann Conf on Phys and Chem of Semiconductor Interfaces Santa Fe, NM 9/82

25-28 → A Short Course on: Signal & Image Processing Real-Time Hardware Design Los Angeles (Ruth Dordick, Integrated Computer Systems, 3304 Pico Blvd., PO Box 5339, Santa Monica, CA 90405 [(213)450-2060])

26-28 → 30th Ann Conf of the Western Spectroscopy Assoc Asilomar, CA (Mel Kronick, Applied Biosystems, 850 Lincoln Center Drive, Foster City, CA 94404 [(415)570-6667])

27-29 Soc for Computer Simulation Multiconf 1983 San Diego 7/82

FEBRUARY 1983

1-4 → A Short Course on: Defining Software Requirements, Specifications & Tests Washington, D. C. (Ruth Dordick, Integrated Computer Systems, 3304 Pico Blvd., PO Box 5339, Santa Monica, CA 90405 [(213)450-2060])

1-4 → A Short Course on: Advanced Microprocessor Programming & Applications Techniques Los Angeles (Ruth Dordick, Integrated Computer Systems, 3304 Pico Blvd., PO Box 5339, Santa Monica, CA 90405 [(213)450-2060])

6-9 ISCC-IES Conf on Color and Illumination Williamsburg, VA 9/82

9-19 3rd Int Math Phys Workshop South Australia 7/82

14-18 7th Int Conf on Infrared and Millimeter Waves Marseille, France 5/82

15-18 → A Short Course on: Signal & Image Processing Real-Time Hardware Design Washington D.C. (Ruth Dordick, Integrated Computer Systems, 3304 Pico Blvd., PO Box 5339, Santa Monica, CA 90405 [(213)450-2060])

20-23 6th Ann Adhesion Soc Mtg Savannah, GA 7/82

23-25 1983 IEEE Int Solid-State Circuits Conf New York 9/82

28-2 Top Mtg on Optical Fiber Communication New Orleans 1/82

MARCH 1983

3-5 Int Symp on Molecular Scattering Theory and Quantum Chemistry Palm Coast, FL 7/82

7-9 Workshop on Non-Perturbative QCD Stillwater, OK 7/82

7-12 Int Symp on Atomic Molecular and Solid-State Theory, Many-Body Phenomena and Computational Quantum Chem Palm Coast, FL 7/82

14-15 5th Biennial Carl S. Marvel Symp on Conductive and Photoconductive Polymers and Polymer Surface Analysis Tucson, AZ 9/82

14-16 Int Symp on Quantum Biology and Quantum Pharmacology Palm Coast, FL 7/82

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Cryogenics/vacuum
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(Optical, NMR
Mössbauer, UV,
X-Ray, Neutron, etc.)

EXHIBITORS

(as of 10/ 1/82)

Air Products & Chemicals
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American Magnetics
Amplifier Research
Austin Science
Bi-Braze
Blake Industries
Canberra Industries
Ceramatec
Coherent
Cooke Vacuum Products
Cryosystems
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- 14-16 → **2nd Phoenix Conf on Computers and Communications** [IEEE] Phoenix (Gerald Fetterer, GTE Automatic Electric Lab, 2500 W. Utopia, Phoenix, AZ 85027)
- 14-18 **Ann Mtg of ACA** Columbia, MO 1/82
- 21-23 **3rd Oxford Conf on Microscopy of Semiconducting Materials** Oxford 7/82
- 21-23 **Symp on Int Facilities for Phys Res** Copenhagen 9/82
- 21-23 → **Int Symp on Still Camera Technology** [Soc. of Photographic Scientists & Eng.] Las Vegas (R. H. Wood, Executive Director, Society of Photographic Scientists & Eng., 7003 Kilworth Lane, Springfield, VA 22151)
- 21-25 **APS Mtg** Los Angeles 9/82
- 21-26 **Int Conf on Heavy-Ion Phys and Nuclear Phys** Catania, Italy 9/82
- 22-23 **5th Ann BEA-CON Conf and Exhibits** Minneapolis 9/82
- 28-31 **Low Energy Ion Beams** Loughborough, UK 7/82

APRIL 1983

- 6-7 **19th Ann Mtg of the Nat Council on Radiation Protection and Measurements** Washington, DC 9/82
- 11-15 → **Conf on Optics '83** [Los Alamos Optical Soc. & SPIE] Santa Fe (Kenneth B. Freese, Chairman, PO Box 346, Los Alamos, NM 87544 [(505)667-1928])
- 11-15 → **Int Symp on Quantum Fluids and Solids** Sanibel Island, FL (E. D. Adams, Dept. of Phys., U. of Florida, Gainesville, FL 32611 [(904)392-0484])
- 13-15 **Electrostatics 83** Oxford 7/82
- 14-16 **7th Int Conf on Experimental Meson Spectroscopy** BNL 5/82
- 18-21 **APS Spring Mtg** Baltimore, MD 1/82
- 18-21 **16th Rare Earth Res Conf** Tallahassee, FL 7/82
- 18-21 **3rd Int Symp on the Sci and Tech of Light Sources** Toulouse, France 7/82
- 18-21 **29th Ann Tech Mtg** Los Angeles 9/82
- 18-21 → **Jt Mtg of Cosmic Phys. Div APS/ High Energy Phys Div AAS** [AAS/APS] Baltimore (Jonathon E. Grindlay, Harvard College Observatory, 60 Garden Street, Cambridge, MA 02138 [(617)495-7204])
- 18-22 **6th Tandem Accelerator Conf** Chester, UK 5/82
- 18-22 **1983 Yamada Conf on Muon Spin Rotation and Association Problems** Shimoda, Japan 9/82
- 18-22 **Optical Electro-Optical Tech** Geneva 9/82
- 19-21 **14th Symp on Nondestructive Testing Evaluation** San Antonio, TX 7/82
- 19-23 → **Energy '83 Hamburg** (Hans J. Rathje, Inter-view Communications, Inc., 545 Madison Ave., New York, NY 10022 [(212)758-4651])

- 21-22 **14th Ann Modeling and Simulation Conf** Pittsburgh, PA 9/82
- 21-23 **4th Workshop on Grand Unification** Philadelphia 9/82
- 22-23 → **Joint meeting of CPS-AAPT Section and SPS Zone 3** Wilkes-Barre, PA (F. J. Donahoe, Wilkes-College, Box 111, Wilkes-Barre, PA 18766)
- 25-29 **3rd Eur Nuclear Conf** Brighton, UK 5/82

MAY 1983

- 8-13 **Symp on Silicon Nitride Thin Insulating Films** San Francisco 9/82
- 8-14 **ASA 105th Mtg** Cincinnati, OH 9/81
- 10-12 → **Laboratory Instrument and Equipment Conf and Exhibition** San Jose (Majorie K. Balazs, Balazs Analytical Lab, 2284 Old Middlefield Way, Mountain View, CA 94143 [(415)965-0423]) [12/1/82]
- 16-18 → **33rd Electronics Components Conf [IEEE]** Orlando, FL (Don L. Willyard, The Bendix Corporation, Dept. 867, MF39, PO Box 1159, Kansas City, MO 64141 [11/5/82])
- 16-20 **5th Natl Conf and School on X-ray Analysis** Melbourne, Australia
- 16-20 **Int Conf on Radioactive Waste Management** Seattle, WA 9/82
- 17-19 → **The Natl Aerospace and Electronics Conf (NAECON) [IEEE]** Dayton, OH (Dan Snyder, NAECON 83, 2046 Northern Drive, Dayton, Ohio 45431 [(513)255-4709]) [11/15/82]
- 17-20 **Conf on Lasers and Electro-optics** Baltimore 1/82
- 19-20 **Applications and Techniques of Modern Spectrochemistry** Los Alamos, NM 9/82
- 22-8 **Phenomenology of Unified Theories from Standard Model to Supersymmetries** Dubrovnik, Yugoslavia 9/82
- 23-25 **Int Conf on Plasma Sci** San Diego 9/82
- 23-25 **Mtg of APS Div of Electron and Atomic Phys** Boulder, CO 5/82
- 25-28 → **Quantum Theory and Gravitation II** New Orleans (A. R. Marlow, Dept. of Phys., Loyola U., New Orleans, LA 70118 [(504)865-2245])
- 26-31 **AAAS Ann Mtg** Detroit 9/81
- 29-3 **4th Int Conf on Fluidization** Kashikojima, Japan 9/81
- 30-2 → **COMPUMAG Conf on the Computation of Electromagnetic Fields** Santa Margherita Ligure, (near Genoa, Italy) (G. Molinari-COMPUMAG Secy, Elect Eng Dept., Univ. of Genoa, Viale Causa, 13-16145 Genoa, Italy)
- 30-3 **2nd Int Conf on Radiation Effects in Insulators** Albuquerque, NM 9/82
- 31-2 → **Dynamics Days: Twente** [Twente Univ. of Tech./The Phys Foundation] Enschede, The Netherlands (Robert H. G. Helleman, Theor. Physics Group, Twente Univ. of Techn., PO Box 217, 7500 AE Enschede; The Netherlands 31-[(53)893425]) [5/2/83]



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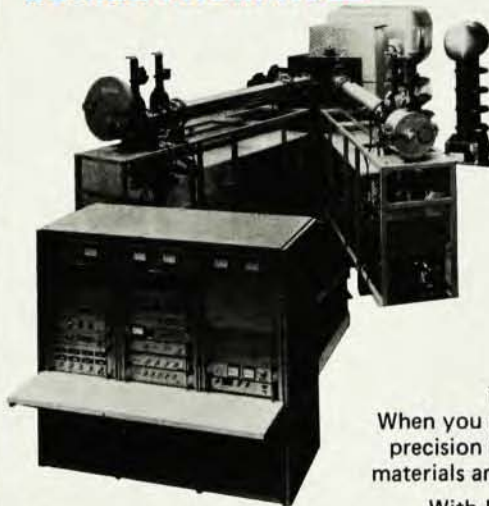


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31-33 Symp on Microwave Theory and Technique Boston 9/81

JUNE 1983

1-3 → 37th Ann Frequency Control Symp Philadelphia [John R. Vig, Dept. of the Army, US Army Electronics Tech. & Devices Lab., Fort Monmouth, NJ 07703]

6-8 4th IEEE Int Pulsed Power Conf Albuquerque, NM 5/82

6-9 Milestones and Trends in Polymer Sci: A Tribute to Turner Alfrey Midland, MI 5/82

6-10 2nd Int Symp on Optical Mass Data Storage Arlington, VA 9/82

12-16 → EUCHEM Conf on High Resolution Electron Microscopy in Solid State Chem Stockholm [P. Sten-son, Conf Sec., The Swedish National Committee for Chem, Up-plandsgatan 6 A, S-111 23 Stockholm, Sweden]

12-17 ANS Ann Mtg Detroit 1/82

13-15 5th Rochester Conf on Coher-ence and Quantum Optics Roch-ester, NY 9/82

14-16 → 94th Ann Sci Mtg of the Astro-nomical Soc of the Pacific [ASP] Kona Coast of Hawaii (Hawaii Meeting, A.S.P., 1290-24th Avenue, San Francisco, CA 94122 [(415)661-8660])

15-17 3rd Conf on Numerical Analysis of Semiconductor Devices and Integrated Circuits (NASECODE III) Galway, Ireland 1/82

15-17 AAPT Mtg Memphis, TN 9/82

15-18 Top Mtg on Optical Bistability Rochester, NY 9/82

16-30 → NATO Adv Study Inst on Energy Transfer Processes in Con-densed Matter Erice, Italy (B. Di Bartolo, Dept. of Physics, Boston College, Chestnut Hill, MA 02167 [(617)969-0100])

19-22 AAS 162nd Ann Mtg Minneapolis, MN 7/82, 9/82, 11/82

20-22 43rd Ann Conf on Physical Elec-tronics Santa Fe, NM 9/82

20-25 Quantum Chaos Como, Italy 9/82

21-24 5th Conf on the Phys of the Jo-vian and Saturnian Magnetos-pheres Cambridge, MA 9/82

23-25 → 9th Canadian Sem on Surfaces Vancouver (K. A. R. Mitchell, Sur-face Canada 83, Dept. of Chem., Univ. of British Columbia, Vancou-ver, BC, Canada V6T 1Y6 [(604)228-3266])

26-1 → 1983 Conf on the Dynamics of Molecular Collisions Gull Lake, MN (W. R. Gentry, Dept. of Chem., U. of Minnesota, Minneapolis, MN 55455 [3/1/83])

27-30 4th Int Conf on Integrated Optics and Optical Fiber Communication Tokyo, Japan 9/82

27-1 3rd Symp on Separation Sci and Tech for Energy Applications Gatlinburg, TN 9/82

27-1 6th Int Conf on Laser Spectro-scropy Interlaken, Switz. 9/82

27-1 → 6th Int Conf on Laser Spectro-scropy Interlaken, Switzerland (Willy

Luthy, Inst. of App. Phys., Univ. of Berne, Sidlerstrasse 5, CH-3012 Berne, Switzerland [1/4/83])

27-8 → A Short Course on Relativity, Groups and Topology [NATO Adv Study Inst.] Les Houches, France (Raymond Stora, Director, Ecole d'été de physique théorique, Cote Des Chavants, 74310 Les Houches, France [3/1/83])

JULY 1983

4-5 4th Top Mtg on Gradient Index Optical Systems Kobe, Japan 9/82

4-8 9th Int Colloquium on Dynamics of Explosions and Reactive Sys-tems Poitiers, France 9/82

4-8 1st Int Conf on Conduction and Breakdown in Solid Dielectrics Toulouse, France 9/82

4-9 10th Int Conf on General Relati-vity and Gravitation Venice 1/82

11-13 1983 Summer Computer Simula-tion Conf Vancouver, BC 9/82

11-14 → 7th Int Symp on Nuclear Quadru-pole Resonance Queen's Univ., Kingston, Ontario (R. J. C. Brown, Chem. Dept., Queen's Univ., Kings-ton, Ontario, Canada K7L 3N6)

11-15 → Phys of Latent Image Formation in Silver Halides [Int. Centre for Theoretical Phys.] Trieste [Int. Centre for Theoretical Phys., PO Box 568, 34100 Trieste, Italy]

13-15 Internoise '83 Univ. of Edinburgh 9/82

25-28 9th Intl High-Pressure Conf Alba-ny, NY 9/82

25-29 → Computer Simulation of Quantum Systems [International Centre for Theoretical Phys] Trieste [Int. Centre for Theoretical Phys., P. O. Box 568, 34100 Trieste, Italy]

31-4 AAPM Ann Mtg New York

AUGUST 1983

1-5 ACA Snowmass Colorado Mtg Snowmass, CO 9/82

1-5 75th Jubilee Conf on Helium-4 St. Andrews, Scotland 9/82

7-12 8th Canadian Theoretical Chem Symp Halifax, N. S., Canada 9/81

8-12 7th Int Conf on Vacuum Ultravio-let Radiation Phys Jerusalem 9/82

8-2 → A Short Course on the Birth and Infancy of Stars [NATO Adv. Study Inst.] Les Houches, France (Raymond Stora, Director, Ecole d'été de physique théorique, Cote des Chavants, 74310 Les Houches, France) [3/1/83]

11-16 12th Int Conf on High-Energy Ac-celerators Batavia, IL 9/82

13-28 2nd Workshop on Nonlinear Evo-lution Equations and Dynamical Systems Chania, Crete, Greece 9/82

15-17 4th Int Conf on Mathematical Modelling Zurich, Switz. 9/82

21-27 10th Int Conf on Few Body Prob-lems in Phys Karlsruhe, FRG 9/82

29-3 **16th Int Conf on Phenomena in Ionized Gases** Dusseldorf, FRG 9/81

30-2 **Electron Microscopy and Analysis Group** Surrey, UK 9/82

31-2 → **1983 Int Geoscience and Remote Sensing Symp** [IEEE, NASA, NOAA, ESA] San Francisco (Mike Buettner, Chmn., Publicity Comm., M.S. L-156, Lawrence Livermore National Lab., P. O. Box 5504, Livermore, CA 94550 [(415)422-7888]) [12/10/82]

31-8 **20th CIE Congress** Amsterdam, 9/82

SEPTEMBER 1983

4-8 **6th Int Conf Erosion by Liquid and Solid Impact** Cambridge, UK 9/82

5-9 **Int Conf on Fourier Transform Spectroscopy** Durham, UK 9/82

5-9 **11th Eur Conf on Controlled Fusion and Plasma Phys** Aachen, FRG 9/82

6-9 **2nd Int Conf on Lasers** Peking, China 9/82

6-9 **3rd Int Symp on Flow Visualization** Ann Arbor, MI 9/82

7-17 **Short Course on Mirror-Based and Field-Reversed Approaches to Magnetic Fusion** Varenna, Italy 9/82

12-14 **5th Int Conf on High-Power Particle Beams** San Francisco 7/82

12-16 **7th Int Conf on Crystal Growth** Stuttgart FRG 9/81

12-16 **7th Symp on Ion Sources and Ion Assisted Tech and 4th Int Conf on Ion and Plasma Assisted Techniques** Kyoto, Japan 9/82

16-20 **Phys of Plasma Close to Thermonuclear Conditions** Varenna, Italy 9/81

19-22 → **Third Topical Meeting on Fusion Reactor Materials** Albuquerque (M. J. Davis, General Chairman, Dept. 1830, Sandia Nat. Labs., PO Box 5800, Albuquerque, New Mexico 87185 [(505)844-4164])

19-23 **Physical Chem of the Solid State: Applications to Metals and Their Compounds** Paris 9/82, 11/82

25-29 → **Symp on Thermal Behavior of the Intercalculated Materials** Williamsburg, VA (D. D. L. Chung, Dept. of Metallurgical, Eng and Materials Sci., Carnegie-Mellon Univ., Pittsburgh, PA 15213 [(412)578-2710]) [2/28/83]

25-30 → **5th Eur Mtg on Ferroelectricity** Torremolinos, Spain (B. Jimenez, Centro de Fisica Aplicada "L. Torres Quevedo," Serrano 144, Madrid 6, Spain)

26-30 • **9th Int Vacuum Cong—5th Int Conf on Solid Surfaces** [Spanish Vacuum Soc.] Madrid, Spain (IX IVC—V ICSS Gen. Sec., Inst. de Fisica de Materiales del CENFA "L. Torres Quevedo," C.S.I.C. Serrano, 144 Madrid-6, Spain)

26-30 • **IX International Vacuum Congress V International Conference on Solid Surfaces** [Spanish Vacuum Society] Madrid, Spain (Jose L. de Segovia, Instituto de Fisica de

Materiales, del CENFA "L. Torres Quevedo," C.S.I.C., Serrano, 144, Madrid-6) Spain

27-30 → **7th Int Conf on Solid State Dosimetry** Ottawa (D. Grogan, Radiation Protection Bureau, Dept. of Nat. Health and Welfare, Brookfield Rd., Ottawa, Ontario, Canada K1A 1C1)

OCTOBER 1983

10-13 → **3rd Top Mtg on Fusion Reactor Material** Albuquerque, NM (M. Davis, Dept. 5830, Sandia Nat. Lab., Albuquerque, NM 87185)

13-15 → **APS Div of Nuclear Phys** Notre Dame, IN (J. Harvey, Oak Ridge Nat. Lab., P. O. Box X, Oak Ridge, TN 37830)

17-20 → **15th Mtg of the Div of Planetary Sci-AAS** Ithaca, NY (J. Burns, Space Sci. Bldg., Cornell Univ., Ithaca, NY 14853)

17-21 → **OSA Ann Mtg** New Orleans, LA (OSA, 1816 Jefferson Pl. N. W., Washington DC 20036)

20-22 → **APS Div of Particles and Fields Mtg** Blacksburg, VA (W. Havens, 335 E. 45 St., New York, NY 10017)

21-22 → **Eastern Theoretical Phys Conf** [NSF] Brookhaven Nat. Lab. (T. Trueman, Brookhaven Nat. Lab., Upton, NY 11973 [(516) 282-3767])

23-26 → **9th Eur Conf on Optical Communication** Geneva (A. Sollberger, Inst. of Appl. Phys., Swiss Federal Inst. of Tech., 8093 Zurich, Switz.)

24-26 → **Int. Symp on Electromagnetic Compatibility** [IEEE] Washington, D.C. (William G. Duff, Technical Program Chairman, Atlantic Research Corp., 539 Cherokee Ave., Alexandria, VA 22314 [(703)642-4049]) [12/15/82]

NOVEMBER 1983

1-4 → **AVS Ann Mtg** Boston (N. Hammond, 335 E. 45 St. New York, NY 10017)

3-5 → **APS Southeastern Sec Mtg** Columbia, SC (W. Havens Jr, 335 E. 45 St., New York, NY 10017)

7-11 → **APS Plasma Physics Div** Los Angeles (W. Havens Jr, 335 E. 45 St., New York, NY 10017)

7-11 → **ASA 106th Mtg** San Diego (B. Goodfriend, 335 E. 45 St., New York, NY 10017)

20-22 → **APS Fluid Dynamics Div** Houston (W. Havens Jr, 335 E. 45 St. New York, NY 10017)

20-23 → **APS Gen Mtg** San Francisco (W. Havens Jr, 335 E. 45 St., New York, NY 10017)

DECEMBER 1983

5-9 → **10th Symp on Fusion Eng** Philadelphia (C. Bushnell, Princeton Plasma Phys. Lab., Box 451, Princeton, NJ 08544 [(609) 683-3038])

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