

calendar

JULY 1982

- 19-23 **Short Course in Applied Molecular Spectroscopy: Infrared** Tempe, AZ 3/82
- 19-23 **Short Course on Digital and Optical Image Processing** Rochester, NY 3/82
- 19-23 **Gordon Res Conf on Quantum Solids & Fluids** Plymouth, NH 5/82
- 19-23 **Gordon Res Conf on Electron Spectroscopy** Wolfeboro, NH 5/82
- 19-23 **Gordon Res Conf on Polymer Phys** Andover, NH 5/82
- 19-23 **Gordon Res Conf on Particle-Solid Interactions** Plymouth, NH 5/82
- 19-23 **Gordon Res Conf on Metal-Insulator Semiconductor Systems** Tilton, NH 5/82
- 19-23 **Gordon Res Conf on Origin of Life** New London, NH 5/82
- 19-23 **Int Top Mtg: Liquid Metal Fast-Breeder Reactor Safety & Related Design & Operational Aspects** Lyon, France 5/82
- 19-23 → **Inter Micro 82** Chicago, IL (Nancy

Daerr, McCrone Res. Inst., 2508 S. Michigan Ave. Chicago, IL 60616 [(312) 842-7105])

- 19-30 **Short Course on Air-Sea Exchange of Gases and Particles** Durham, NH 3/82
- 19-30 **NATO Adv Study Inst Div Atomic and Molecular Processes in Controlled Thermonuclear Fusion** Palermo, Italy 3/82
- 20-23 **3rd Joint MMM-Intermag Conf** Montreal 9/81
- 25-28 **2nd Joint ASME/ANS Nuclear Conf** Portland, OR 5/82
- 25-30 **Int Conf on the Electronic and Molecular Structure of Conductor-Electrolyte Interfaces** Logan, UT 7/81
- 25-31 **Ann AAPM Summer School: Adv in Radiation Therapy** Hammond LA 5/82
- 25-31 → **AAPM Annual Summer School in Advances in Radiation Therapy** [AAPM] Hammond, LA (Anke Junge, AAPM, 335 E. 45 St., New York, NY 10017 [(212) 661-9404])
- 26-29 **Symp on Statistical Mechanics of Adsorption** Trieste, Italy 3/82
- 26-30 **3rd Mtg of the World Federation for Ultrasound in Medicine and Biology** Brighton, UK 7/81

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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- 26-30 **Short Course on Detection of Infrared Radiation** Santa Barbara, CA 3/82
- 26-30 **Gordon Res Conf on Atomic & Molecular Interactions** Wolfeboro, NH 5/82
- 26-30 → **Short Course on Microwave Antenna Measurements** Georgia Inst. of Tech. (G. Rodrigue, School of Electrical Eng., Georgia Inst. of Tech., Atlanta, GA 30332 [(404) 894-2944])
- 26-30 → **Short Course on Characterization of Polymers** Chicago, IL (R. Wardlaw, Office of Ext., Univ. of Illinois at Chicago Circle, Chicago, IL 60680 [(312) 996-4650])
- 26-6 **NATO Adv Study Inst on Polarons & Excitons: Rec Dev** Antwerpen, Belgium 3/82
- 27-30 **14th Conf of Eur Group for Atomic Spectroscopy** Liege, Belgium 3/82

- 9-13 **Gordon Res Conf on Solid State Studies on Ceramics** Plymouth, NH 5/82
- 9-13 **Gordon Res Conf on Chem & Phys of Water & Aqueous Solutions** Plymouth, NH 5/82
- 9-13 **Gordon Res Conf on Modelling of Flow in Porous Media** Andover, NH 5/82
- 9-13 **Gordon Res Conf on Molecular Electronic Spectroscopy** Wolfeboro, NH 5/82
- 9-13 **Gordon Res Conf on Photonic Nuclear Reactions** New London, NH 5/82
- 9-21 **2nd UN Conf on the Exploration & Peaceful Uses of Outer Space (Unispace)** Vienna, Austria 5/82
- 9-22 **NATO Adv Study Inst in Methods in Computational Molecular Phys** FRG 3/82
- 9-26 → **Theory Inst in Solar Terrestrial Phys [NASA]** Boston, MA (M. Hagan, Dept. of Phys., Boston College, Chestnut Hill, MA 02167)

- 23-27 **11th Yugoslav Summer School and Int Symp on the Phys of Ionized Glass** Durbrovnik, Yugoslavia 5/82
- 23-27 **High Speed and Photonics Conf** San Diego, CA 5/82
- 23-29 **Energex '82: Int Energy Expo and Conf** Regina, Sask. 5/82
- 23-3 **Short Course on Progress in Nuclear Dynamics** British Columbia, Canada 3/82
- 24-27 **5th Eur Conf on Surface Sci & 7th Solid Vacuum Interface NE-VAC Symp** Gent, Belgium 1/82
- 24-27 **Short Course on Adv Systems for Nuclear Materials Accounting** Los Alamos, NM 5/82
- 24-27 → **Adv Systems for Nuclear Materials Accounting [DOE]** Los Alamos, NM (US DOE Safeguards Tech. Training Program, MS 550, Los Alamos Nat. Lab., Los Alamos, NM 87545 [(505) 667-6394])
- 24-28 • **Workshop on the Electrical Resistivity of Good Conductors** Cancelled

AUGUST 1982

- 1-5 **24th Ann Mtg of AAPM** New Orleans, LA 9/81
- 1-6 **5th Int EPR Symp** Denver, CO 1/82
- 1-6 **NMR Symp** Denver, CO 1/82
- 1-6 **AF/DARPA Review of Progress in Quantitative Nondestructive Evaluation** La Jolla, CA 5/82
- 2-6 **6th Int Symp on the Phys and Chem of Ice** Rolla, MO 3/82
- 2-6 **Gordon Res Conf on Dielectric Phenomena** Plymouth, NH 5/82
- 2-6 **31st Ann Denver Conf on Applications of X-Ray Analysis** Denver, CO 5/82
- 2-6 → **Short Course on Reliability & Life Testing [UCLA]** Los Angeles (R. Rector, Assistant Director-Short Courses UCLA, 6266 Boelter Hall, Los Angeles, CA 90024 [(213) 825-1295])
- 2-13 **Short Course in Modern Industrial Spectroscopy** Tempe, AZ 3/82
- 2-27 **Summer College in Biophysics** Trieste, Italy 3/82
- 3-5 → **Short Course on Techniques of Radar Reflectivity Measurement** Atlanta, GA (Dept. of Continuing Ed., Georgia Inst. of Tech., Atlanta, GA 30332 [(404) 894-2547])
- 4-8 → **Short Course on Adaptive Optics and Phase Conjugation Methods** Anaheim, CA (Eng. Tech., Inc., P. O. Box 9000, Waco, TX 76710) [(817) 772-0082]
- 9-11 **Conf on Teaching Aids in Phys Ed** Malaysia 5/82
- 9-13 **Int Conf on X-ray and VUV Synchrotron Radiation Instrumentation** Hamburg-DESY, FRG 9/81
- 9-13 **Electron Microscopy Soc and Microbeam Analysis Soc** Washington, DC 3/82
- 9-13 **Short Course on Laser, Microwaves, Ultraviolet, and Ultrasound: Biophysical and Biological Basis, Applications, and Hazards in Medicine and Industry** Cambridge, MA 5/82

- 10-14 **Int School on Electron Microscopy of Magnetic Materials** Vienna, Austria 3/82
- 15-20 **ACA Gen Mtg** San Diego, CA 9/81
- 15-21 **Int Conf on the Phys and Mitigation of Natural Hazards** Honolulu, HI 5/82
- 15-28 **Photophys and Photochem in the Vacuum Ultraviolet** Lake Geneva, WI 3/82
- 16-18 → **Eng Summer Conf on Flow Visualization Tech-Principles and Applications** Ann Arbor, MI (Continuing Eng. Ed., 300 Chrysler Center, N. Campus, Ann Arbor, MI 48109 [(313) 764-8490])
- 16-20 **13th Australian Spectroscopy Conf** La Trobe Univ., Melbourne, Australia 9/81
- 16-20 **Gordon Res Conf on Chem & Phys of Coatings & Films** Plymouth, NH 5/82
- 16-20 **Gordon Res Conf on Electron-Donor-Acceptor Interactions** Wolfeboro, NH 5/82
- 16-27 **Int Summer School on Nuclear Structure** Dronthen, The Netherlands 3/82
- 16-27 **SLAC Summer Inst on Particle Physics** Stanford, CA 3/82
- 17-24 **Int Congress on Electron Microscopy** Hamburg, FRG 3/82
- 18-20 **Nordic Conf on Surface Sci** Tampere, Finland 9/81
- 22-27 **Symp on Health Effects of Low Level Exposure to Radiation** Denver, CO 3/82
- 23-25 → **The Flat-Plate Solar Array Project Workshop [DOE]** Phoenix, AZ (M. Phillips, (502-422), Conf. Coordinator, Jet Propulsion Lab., 4800 Oak Grove Dr., Pasadena, CA 91109 [(213) 577-9096])
- 23-27 **Int Conf on X-Ray and Atomic Inner-Shell Physics** Eugene, OR 9/81
- 23-27 **Short Course on Transmission Electron Microscopy & Selected Areas of Electron Diffraction** Chicago 3/82
- 23-27 **Gordon Res Conf on Vibrational Spectroscopy** Wolfeboro, NH 5/82

- 25-27 → **4th APS Topical Conf on High Temp Plasma Diagnostics [APS]** Boston, MA (L. DiMauro, MIT, Plasma Fusion Center, Bldg NW16-249, 167 Albany St. Cambridge, MA 02139 [(617) 253-5369])
- 25-30 **7th Sagamore Conf on Charge, Spin and Momentum Densities** Nikko, Japan 9/81
- 27-30 **2nd Int Symp on Molecular Beam Epitaxy and Related Clean Surface Techniques** Lake Kawaguchi, Japan 9/81
- 29-2 **3rd World Cong of Nuclear Medicine and Biology** Paris 9/81
- 29-2 **Int Mtg on Thermal Nuclear Reactor Safety** Chicago 5/82
- 29-3 **European Crystallographic Mtg** Jerusalem, Israel 9/81
- 29-4 **4th Europhysical Topical Conf: Lattice Defects in Ionic Crystals** Dublin 9/81
- 30-1 **7th Int Colloquium on Ultraviolet and X-ray Spectroscopy of Astrophysical & Lab Plasmas** Dublin, Ireland 3/82
- 30-3 **Supernova Remnants and Their X-ray Emission** Venice 1/82
- 30-3 **9th Int Liquid Crystal Conf** Krakow, Poland 1/82
- 30-3 **9th Int Mass Spectrometry Conf** Vienna 1/82
- 30-3 **2nd Symp on Surfaces and Interfaces: Phys and Electronics** Trieste, Italy 3/82
- 30-4 → **Short Course on Adaptive Optics and Phase Conjugation Methods** Anaheim, CA (Eng. Tech., Inc., P. O. Box 9000, Waco, TX 76710) [(817) 772-0082]
- 31-2 **6th Int Workshop on Rare Earth-Cobalt Permanent Magnets and Their Applications** Baden, Austria 3/82

SEPTEMBER 1982

- 1-3 **Yamada Conf on Neutron Scattering of Condensed Matter** Tokyo 9/81
- 1-4 **3rd Int Conf on Vibrations at**

Surfaces Asilomar, CA 3/82

- 1-8 **9th Int Conf on Plasma Phys and Controlled Nuclear Fusion Res** Baltimore 9/81
- 1-12 → **NATO Adv Study Inst in Biomagnetism-An Interdisciplinary Approach** Frascati, Italy (S. J. Williamson, Physics Dept., 4 Washington Pl., NYU, New York, NY 10003 [(212) 598-2867])
- 2-10 **Course on Recent Adv in Field Theory and Statistical Mechanics** Les Houches, France 3/82
- 3 **3rd Int Symp on Magnetic Anisotropy and Coercivity in Rare Earth Transition Metal Alloys** Baden, Austria 3/82
- 5-9 **Int Symp on Structure & Dynamics of Nucleic Acids & Proteins** La Jolla, CA 3/82
- 5-10 **Int Symp on Precision and Speed in Close-Range Photogrammetry** York, UK 1/82
- 5-11 **6th Int Conf on Medical Phys & 13th Int Conf on Medical & Biological Eng** Hamburg, FRG 9/81
- 6-10 **Int Conf on Nuclear Data for Sci and Tech** Antwerp, Belgium 9/81
- 6-10 **Int Conf on Magnetism** Kyoto, Japan 9/81
- 6-11 **16th Int Conf on the Phys of Semiconductors** Montpellier, France 3/82
- 6-17 **Diagnostics for Fusion Reactor Conditions** Varenna, Italy 9/81
- 6-18 → **Sept School on Supergravity and Supersymmetry** [IAEA] Miramare-Trieste, Italy (Sept. School on Supergravity and Supersymmetry, Int. Centre for Theoretical Phys., P. O. Box 586, I-34100 Trieste, Italy)
- 7-9 **4th Eur Study Conf on Low Energy Molecular Collisions** Nijmegen, The Netherlands 9/81
- 7-10 **Max Born Centenary Conf** Edinburgh 3/82
- 7-17 → **Workshop on Statistical Mech, Dynamical Systems & Turbulence** [Inst. for Mathematics] Berkeley, CA (S. Anderson, Inst. for Mathematics and its Applications, Univ. of Minn., 514 Vincent Hall, 206 Church St. S. E., Minneapolis, MN 55455)
- 8-10 **Optics '82** Edinburgh 9/81
- 12-14 → **5th Int Conf on High-Power Particle Beams** San Francisco (R. Briggs, BEAMS '83 Conf., Lawrence Livermore Nat. Lab., Univ. of California, P. O. Box 808, L-321, Livermore, CA 94550)
- 12-15 **ANS Nat Workshop on Low Level Waste Packaging & Shipping** San Diego 1/82
- 13-15 **Semiconductors in the Vacuum UV: Applications of Synchrotron Radiation** Berlin 1/82
- 13-16 **10th Int Colloq on Magnetic Films and Surfaces** Yokohama, Japan 1/82
- 13-16 **45th Ann Meteoritical Soc Mtg** St. Louis 1/82
- 13-17 **IOP Conf on the Neutron and Its Applications** Cambridge, UK 9/81
- 13-17 **12th Symp on Fusion Tech** Jülich, FRG 9/81
- 13-17 **Int Conf on Nuclear Power Experience** Vienna 9/81

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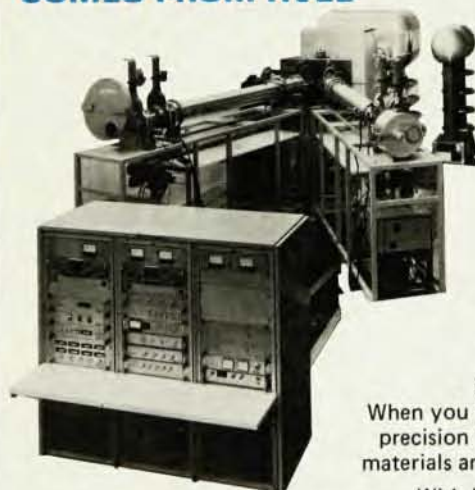
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- 13-17 **Int Conf on EXAFS and Near Edge Structures** Frascati, Italy 5/82
- 13-17 **4th Int Symp on Gas Flow and Chemical Lasers** Stresa, Italy 5/82
- 13-17 **Short Course on Prediction of Blast and Fragment Loading of Structures** San Antonio, TX (D. Stowitts, P. O. Drawer 28510, San Antonio, TX 78284 [(512) 684-2046])
- 13-18 **Mtg on Lyotropics** Cosenza, Italy 5/82
- 14-16 **5th Int Conf on Ternary and Multinary Compounds** Cagliari, Italy 9/81
- 14-16 **4th Int Workshop on Biomagnetism** Rome (G. Romani, IESS, Via Cineto Romano, 42-00156 Rome)
- 16-22 **5th Int Symp on High Energy Spin Phys** Upton, NY 5/82
- 20-22 **10th Symp on the IMEKO Tech Committee on Photon Detectors** Berlin (West) 3/82
- 20-24 **10th Molecular Crystal Symp** St. Jovite, Quebec 9/81
- 20-1 **NATO Adv Study Inst on Fundamental Processes in Energetic Atomic Collisions** Maratea, Italy 3/82
- 21-24 **8th Eur Conf on Optical Communication** Cannes 1/82
- 21-24 **Computing in Accelerator Design and Operation** Warsaw 1/82
- 22-24 **Adv in Reactor Phys & Core Thermal Hydraulics** Kiamesha Lake, NY 5/82
- 24 **Microprocessors in Audiology** Edinburgh (The Institute of Acoustics, 25 Chambers St., Edinburgh EH1 1HU)
- 26-30 **9th Int Vacuum Cong—5th Int Conf on Solid Surfaces** Madrid, Spain 5/82
- 26-1 **Int Conf on Nucleus-Nucleus Collisions** E. Lansing, Michigan 1/82
- 30 **Ion Beam Machines** [IOP] London (The Meeting Offices, IOP, 47 Belgrave Sq., London SW1X 8QX, England)
- Safeguards Tech. Training Program, MS 550, Los Alamos Nat. Lab., Los Alamos, NM 87545 [(505) 667-6394])
- 4-8 **Segundo Congreso Latinoamericano de Fisica de Superficies** Universidad Autonoma de Puebla, Pue. Mexico (J. Martinez Sierra, Apdo Postal J-48, Puebla, Pue. Mexico)
- 4-8 **Short Course on Laser Safety** Anaheim, CA (Eng. Tech. Inc., P. O. Box 9000, Waco, TX 76710 [(817) 772-0082])
- 8-9 **21st Eastern Theory Conf** Newark, DE 5/82
- 9-12 **Topical Conf on Planetary Volatiles** [Lunar and Planetary Inst] Arrowwood Conf. Center, Alexandria, MN (Planetary Volatiles Conf., Lunar & Planetary Inst., 3303 NASA Rd. 1, Houston, TX 77058 [(713) 486-2150]) [6/15/82]
- 11-15 **Short Course on Photomicrography** Chicago 3/82
- 13-14 **Symp on Optical Fiber Measurements** [OSA/NBS] Boulder, CO (Robert L. Gallawa, Electromagnetic Tech. Div., NBS, Boulder, CO 80303)
- 13-15 **Short Course on Fundamentals of Adhesion Theory, Practice and Applications** New Paltz, NY (A. Patsis, Chairman, Chem. Dept. State Univ. of N. Y., New Paltz, NY 12561 [(914) 257-2175])
- 14-15 **Symp on Applications of Theoretical Chem in Industry** Austin, TX (R. Wyatt, Dept. of Chem., Univ. of Texas, Austin, TX 78712 [(512) 471-3114])
- 14-16 **APS Nuclear Phys Div** Amherst, MA 9/81
- 14-16 **AIP Corporate Associates Meeting** [AIP] Albuquerque, NM (AIP Corporate Associates, 335 E. 45 St., New York, NY 10017 [(212) 661-9404])
- 14-17 **Magnetic Monopole Workshop** Racine, WI (P. Trower, Phys/Virginia Tech., Blackburg, VA 24061 [(703) 961-6230])
- 17-22 **Int Symp on VLS Integration Sci and Tech** Detroit 1/82
- 18-19 **15th Ann Synchrotron Radiation Lab Users' Group** Madison, WI 5/82
- 18-20 **Symp on Waves on Fluid Interfaces** Madison, WI 5/82
- 18-21 **ISA/82 Instrument Soc of Am Int Conf & Exhibit** Philadelphia 5/82
- 18-21 **Instrument Soc of Amer Int Conf** Philadelphia (ISA, 67 Alexander Dr., Res. Triangle Park, N. C. 27709 [(919) 549-8411])
- 18-22 **OSA Ann Mtg** Tucson, AZ 9/81
- 18-22 **Short Course on Scanning Electron Microscopy and X-Ray Microanalysis: Theory and Practice in Materials Sci** New Paltz, NY 5/82
- 18-22 **Short Course on Chemical Lasers** San Diego, CA (J. Hull, Eng. Tech., Inc., P. O. Box 9000, Waco, TX 76710 [(817) 772-0082])
- 18-22 **Short Course on Maintainability and Availability of Eng Equipment and Systems** [UCLA] Los Angeles (D. Kececioglu, P. E. Aerospace and Mech. Eng. Dept., Univ. of Arizona, Bldg. #16, Rm. 200B, Tucson, AZ 85721 [(602) 626-3901])
- 19-22 **35th Ann Gaseous Electronics Conf** Dallas, TX 5/82
- 19-22 **14th Ann Mtg of the AAS Div for Planetary Sci** Boulder, CO 5/82
- 19-23 **Ceramitec '82** Munich, FRG 9/81
- 20 **Polymer Electronics** [IOP] London (The Meetings Offices, IOP, 47 Belgrave Sq., London SW1X 8QX England)
- 21-22 **9th Ann Stanford Synchrotron Radiation Lab Users' Group** Stanford, CA 5/82
- 22-23 **Ohio Sec of APS** Bowling Green, OH 5/82
- 23-24 **Short Course on Fundamentals of Rheology for Food Scientists** [S of R] Evanston, IL (D. Hunston, NBS, Polymer Div., Washington, DC 20234 [(301) 921-3344])
- 23-25 **2nd Int Symp on Visual Optics** [OSA] Tucson, AZ (Irwin M. Siegel, NYU Medical Center, 550 First Ave., New York, NY 10016)
- 24-28 **Radiation Damage Analysis for Fusion Reactors** St. Louis 3/82
- 25-28 **Ann Mtg of S of REvanston** IL 3/82
- 25-28 **10th Int Symp on Discharges and Electrical Insulation in Vacuum** Columbia, SC 5/82
- 25-28 **10th Int Symp on Discharges and Electrical Insulation** [ONR/IEEE] Columbia, SC (P. Suadashan, College of Eng., Univ. of S.C., Columbia, SC 29208)
- 25-29 **6th Int Workshop on Laser Interaction and Related Plasma Phenomena** Monterey, CA 3/82
- 25-29 **Short Course on Scanning Electron Microscopy and X-Ray Microanalysis: Theory and Practice in Biology and Medicine** New Paltz, NY 5/82
- 28-30 **Workshop: Interaction between Medium-Energy Nucleons in Nuclei** Bloomington, IN 1/82
- 28-30 **Southeastern Sec of APS** Lexington, KY 9/81
- 28-30 **APS Particles & Fields Div** College Park, MD 9/81
- 30-4 **ANS Winter Mtg** San Francisco 5/82
- 31-3 **6th Int Acoustic Emission Symp** Tokyo, Japan 3/82

OCTOBER 1982

- 1-2 **3rd Annual Fall Conf on Classroom Applications of Computers** San Jose, CA (D. McKell, Conf. Coordinator, Computer-Using Educators, P. O. Box 18547, San Jose, CA 95158)
- 4-6 **Conf on Technology for Space Astrophysics** [OSA] Danbury, CT (Daniel J. McCarthy, Mail Station 879, Perkin-Elmer Corp., 100 Wooster Hts. Rd., Danbury, CT 06810)
- 4-7 **Symp on Advances and Trends in Structural and Solid Mechanics** Washington, DC 9/81
- 4-8 **Short Course on Fundamentals of Nondestructive Assay of Fissionable Material Using Portable Instrumentation** Los Alamos, NM 5/82
- 4-8 **Fundamentals of Nondestructive Assay of Fissionable Materials Using Portable Instrumentation** [DOE] Los Alamos, NM (US DOE,

NOVEMBER 1982

- 1-3 **Short Course on Water Soluble Polymers—Synthesis, Structure and Applications** New Paltz, NY (A. Patsis, Chairman, Chem. Dept., SUNY, New Paltz, NY 12561 [(914) 257-2175])
- 1-4 **Ann Mtg of the Materials Res Soc** Boston 3/82
- 1-4 **Materials Res Soc Conf Symp on Laser-Solid Interactions and Transient Thermal Processing of Materials** Boston Mass. (J. Narayan, Solid State Division, ORNL, PO Box X, Oak Ridge TN 37830)
- 1-4 **Symp on Alloy Phase Diagrams** Boston 5/82
- 1-4 **Short Course on Understanding Polymer Sci-Synthesis, Charac-**

terization, Properties New Paltz, NY (A. Patsis, Chairman, Chem. Dept., SUNY, New Paltz, NY 12561 [(914) 257-2175])

1-5 **APS Plasma Phys Div** New Orleans, LA 9/81

3-5 **APS Fall Mtg** Philadelphia 9/81

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 (Div. of Continuing Ed., NC State Univ., P. O. Box 5125, Raleigh, NC 27650)

8-12 **ASA 104th Mtg** Orlando, FL 9/81

8-12 **Short Course on Fusion Methods (Hot Stage)** Chicago 3/82, 5/82

8-12 **Int Symp on Recent Adv in Nuclear Material Safeguards** Vienna, Austria 5/82

10-12 → **40th Ann Pittsburgh Diffraction Conf** Pittsburgh (C. D. Stout, Dept. of Crystallography, Univ. of Pittsburgh, Pittsburgh, PA 15260 [(412) 624-4366])

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 → **Topical Conf on Chondrules & Their Origins** Houston (Lunar & Planetary Inst., 3303 NASA Rd. 1, Houston, TX 77058 [(713) 486-2150])

16-19 **29th Nat Vacuum Symp** Baltimore 9/81

16-10 **Course on Mathematical Methods in Ecology** Trieste, Italy 5/82

21-22 → **New England Sec of APS** Boston (W. W. Havens Jr., APS, 335 E. 45 St., N. Y., NY 10017 [(212) 661-9404])

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 (P. Baumeister, Continuing Ed. in Eng & Math., 6266 Boelter Hall, Los Angeles, CA 90024 [(213) 825-1047])

30-2 → **14th Annual Precise Time and Time Interval Applications and Planning Mtg** Greenbelt, MD (N. Yannoni, RADC/ESE, Hanscom AFB, Bedford, MA 01731 [(617) 861-2206]) [8/20/82]

30-3 **Applied Superconductivity Conf** Knoxville, TN 5/82

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 → **Advanced Gamma-Ray Spectroscopy for Nuclear Materials Accountability** Los Alamos, NM (US DOE, Safeguards Tech. Training Program, MS 550, Los Alamos Nat.

Lab., Los Alamos, NM 87545 [(505) 667-6394])

13-15 **Optical Fabrication & Testing Workshop** Palo Alto, CA 5/82

13-17 **11th Texas Symp on Relativistic Astrophysics** Austin TX 1/82

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

JANUARY 1983

1 → **Short Course on Optical Sci & Eng** Tucson, AZ (P. Slater, Optical Sys. & Eng. Short Courses Inc., P. O. Box 18667, Tucson, AZ 85731 [(602) 885-3798])

6-7 → **Workshop on Positron-Electron Pairs and Astrophysics** [NASA] Greenbelt, MD (M. L. Burns, Code 665, Goddard Space Flight Center, Greenbelt, MD 20771 [(301) 344-7824]) [11/5/82]

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

12-14 **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

15-16 → **Symp on Ecological Assessment of Macrophyton-Collection, Use and Meaning of Data** Fort Lauderdale, FL (K. Greene, ASTM Publications Div., 1916 Race St., Philadelphia, PA 19103 [(215) 299-5414]) [8/30/82]

16-21 **Conf on Adv in Automation** Santa Barbara, CA 5/82

17-19 **Top Mtg on Optical Storage of Digital Data** Lake Tahoe, NV 5/82

17-22 → **3rd New Zealand Summer School in Laser Physics** Hamilton, New Zealand (J. Harvey, Phys. Dept., Univ. of Auckland, Private Bag, Auckland, New Zealand)

24-27 → **Joint APS/AAPT Mtg** New York (Exec. Office, AAPT, Graduate Phys. Bldg., SUNY, Stony Brook, NY 11794)

27-29 → **The Soc for Computer Simulation Multiconf 1983** San Diego, CA (SCS, P. O. Box 2228, La Jolla, CA 92038 [(714) 459-3888])

FEBRUARY 1983

9-19 → **3rd Int Mathematical Phys Workshop** [UNESCO] South Australia (C. Hurst, Mathematical Phys. Dept., Univ. of Adelaide, Adelaide, South Australia 5001)

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

20-23 → **6th Annual Adhesion Soc Mtg** Savannah, GA (J. Koutsky, Polymer Sci. & Standards Div., Bldg. 224/Rm. A209, NBS, Washington, DC 20234 [(301) 921-3344]) [11/1/82]

28-2 **Topical 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 (Acting Dir. of Palm Coast-Sanibel Symp., Quantum Theory Project, 365 Williamson Hall, Univ. of Fl., Gainesville, FL 32611)

7-9 → **Workshop on Non-Perturbative QCD** Stillwater, OK (K. Milton, Dept. of Phys., Okla. State Univ., Stillwater, OK 74078 [(405) 624-5797])

7-12 → **Int Symp on Atomic Molecular and Solid-State Theory, Many-Body Phenomena and Computational Quantum Chem** Palm Coast, FL (Acting Dir. of Palm Coast-Sanibel Symp., Quantum Theory Project, 365 Williamson Hall, Univ. of Fl., Gainesville, FL 32611)

14-16 → **Int Symp on Quantum Biology and Quantum Pharmacology** Palm Coast, FL (Acting Dir. of Palm Coast-Sanibel Symp., Quantum Theory Project, 365 Williamson Hall, Univ. of Fl., Gainesville, FL 32611)

14-18 **Ann Mtg of ACA** Columbia, MO 1/82

21-23 → **3rd Oxford Conf on Microscopy of Semiconducting Materials** St. Catherine's College, Oxford (A. Cullis, Royal Signals and Radar Est., St. Andrews Rd., Malvern, Worcs. WR14 3PS, U. K.)

28-31 → **Low Energy Ion Beams** [IOP] Univ. of Loughborough, UK (The Meetings Offices, IOP, 47 Belgrave Sq., London SW1X 8QX, England)

APRIL 1983

13-15 → **Electrostatics 83** [IOP] St. Catherine's College, Oxford (The Meetings Offices, IOP, 47 Belgrave Sq., London SW1X 8QX, England) [10/31/82]

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 (G. Choppin, Dept. of Chem., Fl. State Univ., Tallahassee, FL 32306 [(904) 644-3875])

18-21 → **Third Int Symp on the Sci and Tech of Light Sources** Toulouse, France (J. Damelincourt, Centre de Phys. Atomique, Univ. Paul Sabatier, 118 Route de Narbonne, 31062, Toulouse Cedex, France) [11/26/82]

18-22 **6th Tandem Accelerator Conf** Chester, UK 5/82

19-21 → **14th Symp on Nondestructive Testing Evaluation** San Antonio, TX (R. Smith, Symp. Chairman, Southwest Res. Inst., P. O. Drawer 28510, San Antonio, TX 78284 [(512) 684-5111 Ext. 2737])

25-29 **3rd Eur Nuclear Conf** Brighton, UK 5/82

MAY 1983

8-14 **ASA 105th Mtg** Cincinnati, OH 9/81