

CALENDAR

JULY 1992

15-17 Dynamics of Globular Clusters Berkeley, CA *Contact:* Georges Meylan, Space Telescope Sci Inst, 37000 San Martin Dr, Baltimore, MD 21218

- **15-18 Stellar Pulsation and Pulsating Variable Stars** Pullman, WA *Contact:* James Nemec, Dept of Astron, Univ of British Columbia, 129-2219 Main Mall, Vancouver, BC, V6T 1W5, Canada *Note new address*

15-25 Sum Sch in Astrophysical Observations Saint-Michel-l'Observatoire, France *Contact:* M. P. Vernon, Observatoire de Haute-Provence, F-04879 Saint-Michel-l'Observatoire, France

15-26 NATO ASI on Techniques and Concepts of High-Energy Phys St. Croix, US Virgin Islands *Contact:* C. Jones, Dept of Phys and Astron, Univ of Rochester, Rochester, NY 14627

- **18-25 Teaching Modern Phys—Statphys** Badajoz, Spain *Contact:* F. Cuadros, TMP—Statphys, Dpto de Fisica, UNEX 06071, Badajoz, Spain

19-24 Conf on Nuclei Far from Stability and Conf on Atomic Masses and Fundamental Constants Bernkastel-Kues, Germany *Contact:* K. Wendt, Inst für Physik, Univ Mainz, Postfach 3980, D-6500 Mainz 1, Germany

19-24 Quantitative Nondestructive Evaluation San Diego, CA *Contact:* Connie Nessa, Iowa State Univ, Ctr for NDE, Applied Sci Ctr II, 1915 Scholl Rd, Ames, IA 50011

19-24 Opt and Optoelectronic Applied Sci and Eng San Diego, CA *Contact:* SPIE

19-8 Intl Sch for Young Astronomers from Pacific and Asian Countries Beijing, China *Contact:* D. G. Wentzel, Dept of Astron, Univ of Maryland, College Park, MD 20742

- **20-22 Electro-Ceramics: Properties and Applications** Cambridge, MA *Contact:* Director of Sum Session, Rm E19-356, MIT, Cambridge, MA 02139

- **20-24 Solid-State Sensors, Batteries and Fuel Cells** Cambridge, MA *Contact:* Director of Sum Sessions, Rm E19-356, MIT, Cambridge, MA 02139

20-24 Nonionizing Radiations: Health Phys and Radiation Protection Cambridge, MA *Contact:* Director of Sum Sessions, Rm E19-356, MIT, Cambridge, MA 02139

20-24 Applied Molecular Spectroscopy: Infrared Tempe, AZ *Contact:* Jacob Fuchs, Dept of Chem, Arizona State Univ, Tempe, AZ 85287-1604

20-24 Atomic and Molecular Interactions New London, NH *Contact:* Gordon Rsch Conf

20-24 Dielectric Phenomena Plymouth, NH *Contact:* Gordon Rsch Conf

20-24 Electron Distribution and Chemical Bonding Plymouth, NH *Contact:* Gordon Rsch Conf

20-24 Point and Line Defects Plymouth, NH *Contact:* Gordon Rsch Conf

20-24 High-Temperature Chem Meriden, NH *Contact:* Gordon Rsch Conf

20-24 Bioelectrochem Tilton, NH *Contact:* Gordon Rsch Conf

20-24 Subarcsecond Radio Astron Manchester, England *Contact:* R. E. Spencer, Univ of Manchester, Nuffield Radio Astron Labs, Jodrell Bank, Macclesfield, Cheshire SK11 9DL, UK

20-24 Corrosion—Aqueous New London, NH *Contact:* Gordon Rsch Conf

20-24 Laser Radar Conf Cambridge, MA *Contact:* MIT, Conf Services Office, Rm 7-111, Cambridge, MA 02139

20-24 High-Energy Accelerators Hamburg, Germany *Contact:* HEACC '92 Conf Office, DESY, Notkestr 85, D-2000 Hamburg 52, Germany

20-24 Phys of Transition Metals Darmstadt, Germany *Contact:* J. Kübler, Inst of Solid-State Phys, Hochschulstr 6, D-6100 Darmstadt, Germany

20-31 Latin Amer Wksp in Plasma Phys Mexico City, Mexico *Contact:* Julio Herrera, Inst de Ciencias Nucleares, UNAM AP 70-543, 04510 Mexico DF

ADDRESS KEY

Addresses for some frequently listed organizations are given below.

AAPM 335 E 45th St, New York, NY 10017 [Tel. (212) 661 7026]

AAPT 5112 Berwyn Rd, College Park, MD 20740 [Tel. (301) 345-4200]

AAS 2000 Florida Ave NW, Ste 300, Washington, DC 20009 [Tel. (202) 328-2010]

AGU 2000 Florida Ave NW, Washington, DC 20009 [Tel. (202) 462-6903]

ANS 555 N Kensington Ave, La Grange Park, IL 60525 [Tel. (708) 352-6611]

APS 335 E 45th Street, New York, NY 10017 [Tel. (212) 682-7341]

ASA 500 Sunnyside Blvd, Woodbury, NY 11797-2999 [Tel. (516) 349 7800 ext 481]

AVS 335 E 45th Street, New York, NY 10017 [Tel. (212) 661 9404]

Engineering Foundation 345 E 47th St, New York, NY 10017 [Tel. (212) 705-7835]

ESF 1 quai Lezay-Marnésia, F-67080 Strasbourg, France [Tel. (33) 88 76 71 35]

Gordon Rsch Conf Gordon Rsch Ctr, Univ of Rhode Island, Kingston, RI 02881-0801 [Tel. (401) 783 4011]

ICTP PO Box 586, 34100 Trieste, Italy [Fax (39)(40) 224163]

MRS 9800 McKnight Rd, Pittsburgh, PA 15237 [Tel. (412) 367-3003]

OSA 2010 Massachusetts Ave NW, Washington, DC 20036 [Tel. (202) 223-8130]

SPIE PO Box 10, Bellingham, WA 98227-0010 [Tel. (206) 676-3290]

Univ Consortium for Continuing Education 16161 Ventura Blvd, Encino, CA 91436 [Tel. (818) 995-6335]

Please note: Complete information is now given for all listings. New listings are marked ● and newly revised listings are marked ○. Addresses for frequently listed organizations are given in the accompanying table. The complete listings are coded as follows:

§ indicates financial aid may be available for some to attend the meeting.

This calendar appears in alternate (odd-numbered) months. Notices should be sent to: Calendar, PHYSICS TODAY, 335 East 45th Street, New York NY 10017, at least three months in advance.

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
BNL Brookhaven National Laboratory
CNRS Centre National de la Recherche Scientifique
DOE Department of Energy
DPG Deutsche Physikalische Gesellschaft
EPS European Physical Society
ESF European Science Foundation
IAEA International Atomic Energy Agency
IAU International Astronomical Union
ICTP International Centre for Theoretical Physics

IEEE Institute of Electrical and Electronics Engineers
IOP Institute of Physics (London)
IUPAC International Union of Pure and Applied Chemistry
IUPAP International Union of Pure and Applied Physics
LBL Lawrence Berkeley Laboratory
LLNL Lawrence Livermore National Laboratory
MRS Materials Research Society
NAS National Academy of Sciences
NIST National Institute of Standards and Technology
NRC Nuclear Regulatory Commission
NRL Naval Research Laboratory
NSF National Science Foundation
ORNL Oak Ridge National Laboratory
OSA Optical Society of America
S of R Society of Rheology
SPIE International Society for Optical Engineering
SPS Society of Physics Students

- 21-24 Wrinkling of Surfaces in Non-linear Sys** Trieste, Italy *Contact:* ICTP
- 21-25 New Techniques and Instruments in Biomed Rsch** San Francisco, CA *Contact:* AAAS Mtgs Office, 1333 H St, NW, Washington, DC 20005
- **21-31 Galaxy Formation** Varenna, Italy *Contact:* Nicola Vittorio, Dipartimento di Fisica, Univ di Tor Vergata, Via E Carnevale, 00173 Roma, Italy
- 26-31 Symp on Rarefied-Gas Dynamics** Vancouver, Canada *Contact:* B. Shizgal, Dept of Chem, Univ of British Columbia, Vancouver, BC V6T 1Z1, Canada
- 26-1 Nuclear Phys Conf** Wiesbaden, Germany *Contact:* Rudolf Bock, Intl Nuclear Phys Conf, GSI, PO Box 11 05 52, D-6100 Darmstadt 11, Germany
- 27-29 Holographics** London, UK *Contact:* SPIE
- 27-31 Electronic Processes in Organic Materials** Andover, NH *Contact:* Gordon Rsch Conf
- 27-31 Chem and Chemical Phys of Microstructure Fabrication** Meriden, NH *Contact:* Gordon Rsch Conf
- 27-31 Solid-State Chem** Plymouth, NH *Contact:* Gordon Rsch Conf
- 27-31 Order and Disorder in Solids** New London, NH *Contact:* Gordon Rsch Conf
- **28-30 Symp on Ball Lightning** Los Angeles, CA *Contact:* Stanley Singer, Athenex Rsch Associates, 381 South Meridith Ave, Pasadena, CA 91106
- **28-8 Sum Sch for Crystallographers** Pittsburgh, PA *Contact:* Bryan Craven, Dept of Crystallography, Univ of Pittsburgh, Pittsburgh, PA 15260
- 29-31 Fractals and Disordered Sys** Hamburg, Germany *Contact:* Armin Bunde, Inst für Theor Phys, Univ Hamburg, Jungiusstr 9, D-2000 Hamburg 36, Germany
- **30-1 The State of Matter** Copenhagen, Denmark *Contact:* Mary Beth Ruskai, Dept of Mathematics, Univ of Michigan, Ann Arbor, MI 48109
- **30-4 Plasticity of Materials: Fundamental Aspects of Dislocation Interactions** Monte Verità, Switzerland *Contact:* ESF

AUGUST 1992

- 2-6 EPR Sys** Denver, CO *Contact:* Sandra Eaton, Dept of Chem, Univ of Denver, CO 80208
- 2-7 Canadian Symp on Theor Chem** Montréal, Canada *Contact:* Dennis Salahub, Dept de Chimie, Univ de Montréal, CP 6128 Succursale A, Montréal, Québec H3C 3J7, Canada
- 2-14 Cong of Intl Soc of Photogrammetry and Remote Sensing** Washington, DC *Contact:* Lawrence W. Fritz, GE Aerospace, PO Box 8048-10A26, Philadelphia, PA 19101
- **3-7 Applications of High Magnetic Fields in Semiconductor Phys** Chiba, Japan *Contact:* N. Miura, Inst of Solid-State Phys, Univ of Tokyo, Roppongi, Minato-ku, Tokyo 106, Japan
- **3-7 Phys of Semiconductors** Hong Kong *Contact:* P. W. Chan, Dept of Phys, Hong Kong Polytechnic, Hong Kong
- 3-7 Applications of X-Ray Analysis** Colorado Springs, CO *Contact:* Lynne Bonno, Dept of Eng, Univ of Denver, Denver, CO 80208
- 3-7 Industrial Rheology: Principles and Practice** Cambridge, MA *Contact:* Director of Sum Session, Rm E19-356, MIT, Cambridge, MA 02139
- 3-7 Dispersal of Protoplanetary Disks** Santa Barbara, CA *Contact:* S. P. Ruden, Dept of Phys, Univ of California, Irvine, CA 92717
- 3-7 Electron-Donor-Acceptor Interactions** Plymouth, NH *Contact:* Gordon Rsch Conf
- 3-7 Physical Electrochem** New London, NH *Contact:* Gordon Rsch Conf
- 3-7 Polymer Phys** Newport, RI *Contact:* Gordon Rsch Conf
- 3-7 Vibrational Spectroscopy** Wolfboro, NH *Contact:* Gordon Rsch Conf
- 3-7 Foams** Plymouth, NH *Contact:* Gordon Rsch Conf
- 3-7 Analytical Chem** New Hampton, NH *Contact:* Gordon Rsch Conf
- 3-7 Conf on Atomic Phys** Munich, Germany *Contact:* Doris Maischberger, Max-Planck Inst für Quantenoptik, W-8046 Garching, Germany
- 3-7 Phonon Scattering in Condensed Matter** Ithaca, NY *Contact:* Robert O. Pohl, LASSP, Clark Hall, Cornell Univ, Ithaca, NY 14853-2501
- 3-7 Statphys 18** Berlin, Germany *Contact:* Siegfried Hess, Inst für Theoretische Physik, Technische Univ Berlin, Sekr PN 7-1, Hardenbergstr 36, D-1000 Berlin 12, Germany
- 3-14 Modern Industrial Spectroscopy** Tempe, AZ *Contact:* Jacob Fuchs, Dept of Chem, Arizona State Univ, Tempe, AZ 85287-1604
- 4-7 Synergetics in Condensed Matter** Trieste, Italy *Contact:* ICTP
- 4-7 Superlattices, Microdevices and Microstructures** Xi'an, China *Contact:* D. S. Jiang, Inst of Semiconductors, PO Box 912, Beijing 100083, China
- 4-7 Stellar Photometry—Current Techniques and Future Developments** Dublin, Ireland *Contact:* I. Elliott, Dunsink Observatory, Castleknock, Dublin 15, Ireland
- **5-8 Shallow Impurities in Semiconductors** Kobe, Japan *Contact:* T. Nishino, Dept of Electrical Eng, Kobe Univ, Rokkondai 1-1, Nada-ku, Kobe 657, Japan
- 6-10 Wksp on Slow-Positron Beam Techniques for Solids and Surfaces** Jackson, WY *Contact:* Eric H. Ottewitte, EG&G Idaho Inc, Idaho Natl Eng Lab, PO Box 1625, Idaho Falls, ID 83415-2114
- 6-12 Intl Conf on High Energy Phys** Dallas, TX *Contact:* R. Schwitters, SSC Lab, 2550 Beckleymeade Ave, MS-5555, Dallas, TX 75237-3997
- 8-9 Exploration of the Sun** Dnepropetrovsk, Ukraine *Contact:* US-ISY Assoc, 600 Maryland Ave, SW, Ste 600, Washington, DC 20024
- **9-12 Applied Crystallography** Cieszyn, Poland *Contact:* Danuta Stróż, Inst of Phys and Chem of Metals, Silesian Univ, ul Bankowa 12, 40-007 Katowice, Poland
- **9-14 ACA Ann Mtg** Pittsburgh, PA *Contact:* ACA [Tel. (716) 856-9600] PO

Box 96, Ellicott Station, Buffalo, NY 14205
Note revised dates

- 9-14 Sum Sch on Crystal Growth** Palm Springs, CA *Contact:* C. D. Brandle, AT&T Bell Labs, 600 Mountain Ave, 7C-403, Murray Hill, NJ 07974
- 9-14 High-Speed Optoelectronic Devices and Circuits** Banff, Canada *Contact:* Eng Foundation
- 9-20 NATO ASI Sum Sch: New Superconducting Electronics** Waterville Valley, NH *Contact:* H. Weinstock, AFOSR/NE, Washington, DC 20332-6448
- 10-12 Intl Colloq on Venus** Pasadena, CA *Contact:* Prog Services Dept, LPI, PO Box 58407, Houston, TX 77258
- **10-14 Intl Conf on Phys of Semiconductors** Beijing, China *Contact:* Xie Xide, Chairperson of ICPS-21, Fudan Univ, Shanghai 200433, China
- 10-14 Kinetics of Phase Transitions** Edinburgh, Scotland *Contact:* ICMS, Heriot-Watt Univ, Riccarton, Edinburgh EH14 4AS, Scotland
- 10-14 Sci of Adhesion** New Hampton, NH *Contact:* Gordon Rsch Conf
- 10-14 Gravitational Effects on Living Sys** Andover, NH *Contact:* Gordon Rsch Conf
- 10-14 Modeling of Flow in Permeable Media** Plymouth, NH *Contact:* Gordon Rsch Conf
- 10-14 Plasma Chem** New London, NH *Contact:* Gordon Rsch Conf
- 10-14 Photonic Reactions** Tilton, NH *Contact:* Gordon Rsch Conf
- 10-14 Wksp in Theor Geoplasma Phys** Cambridge, MA *Contact:* Tom Chang, MIT Ctr for Space Rsch, Rm 37-271, Cambridge, MA 02139
- 10-15 AAPT Summer Mtg** Orono, ME *Contact:* AAPT
- 10-21 Methods of Electronic Structural Calculations** Trieste, Italy *Contact:* ICTP
- 10-21 Relativistic and Electron Correlation Effects in Molecules and Solids** Vancouver, Canada *Contact:* G. L. Malli, Dept of Chem, Simon Fraser Univ, Burnaby, BC V5A 1S6, Canada
- 10-4 Sum Sch on Progress in Picture Processing** Les Houches, France *Contact:* J. Zinn-Justin, Ecole d'Eté de Physique Théorique, F-74310 Les Houches, France
- **16-19 Nuclear Tech for Space Exploration** Jackson Hole, WY *Contact:* David Woodall, College of Eng, Univ of Idaho, Moscow, ID 83843
- 16-21 Atomic and Nanoscale Modification of Materials** Ventura, CA *Contact:* Eng Foundation
- 16-22 Conf on Crystal Growth** San Diego, CA *Contact:* C. D. Brandle, AT&T Bell Labs, 600 Mountain Ave, 7C-403, Murray Hill, NJ 07974
- 16-4 NATO ASI on Quantitative Microbeam Analysis** Dundee, Scotland *Contact:* A. O. Tooke, Dept of Applied Phys, Univ of Dundee, Dundee DD1 4HN, Scotland
- **17-20 URSI Symp on Electromagnetic Theory** Sydney, Australia *Contact:* G. James, CSIRO Div of Radiophys, PO Box 76, Epping NSW 2121, Australia

CALENDAR

- **17-21 Conf on Hyperfine Interaction** Osaka, Japan *Contact:* Y. Nojiri, Dept of Phys, Faculty of Sci, Osaka Univ, Toyonaka, Osaka 560, Japan
- **17-21 Anomalous Scattering of X Rays and Neutrons** Hamburg, Germany *Contact:* C. J. Sparks, Materials Sci Div, ORNL, Box 2008, Oak Ridge, TN 37831-6118
- **17-21 Phys of Strongly Coupled Plasmas** Rochester, NY *Contact:* Hugh M. Van Horn, Bausch and Lomb Bldg, Univ of Rochester, Rochester, NY 14627-0171
- 17-21 Condensed Matter Phys** Wolfboro, NH *Contact:* Gordon Rsch Conf
- 17-21 Climate Variability and Predictability** Trieste, Italy *Contact:* ICTP
- 17-21 Hadron Spectroscopy Summer Course** College Park, MD *Contact:* D. C. Peaslee, Dept of Phys and Astron, Univ of Maryland, College Park, MD 20742-4111
- 17-21 Anomalous Scattering** Malente, Germany *Contact:* R. Frahm, DESY, Notkestr 85, D-2000 Hamburg 52, Germany
- 17-21 Nonlinear Optics: Materials, Fundamentals and Applications** Maui, HI *Contact:* OSA
- 17-21 Intl Cong on Rheology** Brussels, Belgium *Contact:* S of R [Tel. (212) 661-9404] 335 E 45th St, New York, NY 10017
- 17-21 Galactic Bulges** Ghent, Belgium *Contact:* Secretary IAU 153, Sterrekundig Observatorium, Krijgslaan 281, B-9000, Ghent, Belgium
- **18-20 Solid-State Sci and Tech** Penang, Malaysia *Contact:* M. J. Basha Adlan, Sch of Phys, Univ of Sci Malaysia, 11800 Penang, Malaysia
- 18-20 Adaptive Optics for Large Telescopes** Maui, HI *Contact:* OSA
- 18-21 Hydrogen Atoms in Intense Electromagnetic Fields** Trieste, Italy *Contact:* ICTP
- 19-21 Symp on Antarctic Meteorites** Tokyo, Japan *Contact:* Keizo Yanai, Natl Inst of Polar Rsch, 9-10, Kaga 1-chome, Itabashi-ku, Tokyo, Japan
- **19-22 Quantum Phys and the Universe** Tokyo, Japan *Contact:* M. Namiki, Dept of Phys, Waseda Univ, Shinjuku-ku, Tokyo 169-50, Japan
- **20-30 Intl Sum Sch on Adv Topics in Phys** Tianjin, China *Contact:* Xue-Qian Li, Nankai Inst of Mathematics, Nankai Univ, Tianjin, China
- 22-28 Cong of Theor and Applied Mechanics** Haifa, Israel *Contact:* Alexander Solan, Faculty of Mechanical Eng, Technion-Israel Inst of Tech, Haifa 32000, Israel
- **23-26 ANS/ASME Nuclear Energy Conf** San Diego, CA *Contact:* Robert Lacy, San Diego Gas & Electric, PO Box 1831, 101 Ash St, San Diego, CA 92112
- **23-27 Foundation of Quantum Mechanics in Light of New Tech** Tokyo, Japan *Contact:* Shun-ichi Kobayashi, Faculty of Sci, Tokyo Univ, Hongo 7-chome, Bunkyo-ku, Tokyo 113, Japan
- **23-27 Hazardous and Radioactive Waste Management** Boise, ID *Contact:* Clyde Frank, EM-50/6B-158, DOE, 1000 Independence Ave, Washington, DC 20585

23-27 Ann Mtg AAPM Calgary, Canada *Contact:* AAPM

23-28 Linac Conf Ottawa, Canada *Contact:* M. Trecartin, AECL Rsch, CRL (MS111), Chalk River, Ontario K0J 1J0, Canada

23-28 Applied Superconductivity Conf Chicago, IL *Contact:* Kenneth E. Gray, Bldg 223, Argonne Natl Lab, Argonne, IL 60439

● **23-29 X-Ray Absorption Fine Structure** Kobe, Japan *Contact:* T. Ohta, Dept of Materials Sci, Faculty of Sci, Hiroshima

Univ, 1-3 Kagamiyame, Higashi-Hiroshima 724, Japan

24-26 Mtg on Photon Correlation and Scattering Boulder, CO *Contact:* OSA

24-27 Initial Results from STEP Facilities and Theory Campaigns Baltimore, MD *Contact:* US STEP, Coordination Office, USRA Code 610.3, NASA/Goddard Space Flight Ctr, Greenbelt, MD 20771

24-27 Plasma Environments of Comets Ann Arbor, MI *Contact:* T. I. Gombosi, Dept of Atmospheric, Oceanic and Space

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24-28 Joint Varenna-Lausanne Intl Wksp on Theory of Fusion Plasmas Varenna, Italy *Contact:* E. Sindoni, Intl Sch of Plasma Phys, Via Celoria 16, 20133 Milano, Italy

24-4 Low-Dimensional Quantum Field Theories for Condensed Matter Physicists Trieste, Italy *Contact:* ICTP

25-28 Correlation and Spectral Analysis Oxnard, CA *Contact:* Univ Consortium for Continuing Education

26-28 Orbital Mechanics Washington, DC *Contact:* Univ Consortium for Continuing Education

26-2 Symmetry and Structural Properties of Condensed Matter Poznań, Poland *Contact:* Stanislaw Walcerz, Inst of Phys, ul Matejki 48/49, 60-769 Poznań, Poland

28-5 World Space Cong Washington, DC *Contact:* COSPAR, Amer Inst of Aeronautics and Astronautics, 370 l'Enfant Promenade, SW, Washington, DC 20024-2518

30-3 Extended Defects in Semiconductors Dresden, Germany *Contact:* ESF

30-4 AAPM Sum Sch: Phys of mri Banff, Canada *Contact:* AAPM

● **30-5 Biophys and Synchrotron Radiation** Tsukuba, Japan *Contact:* N. Sakabe, Conf Office, Photon Factory, KEK, Oho, Tsukuba, Ibaraki 305, Japan

30-11 NATO ASI on Ultrashort Processes in Condensed Matter Il Ciocco, Italy *Contact:* W. E. Bron, Dept of Phys, Univ of California, Irvine, CA 92717

● **31-4 Cong on X-Ray Optics and Microanalysis** Manchester, England *Contact:* P. B. Kenway, Manchester Materials Sci Ctr, Univ of Manchester, Grosvenor St, Manchester M1 7HS, UK

31-4 Diamond Films/New Diamond Sci and Tech Heidelberg, Germany *Contact:* Diamond 1992 Secretariat, COMST, Ave de la Gare 52, PO Box 415, 1001 Lausanne 1, Switzerland

31-11 Adv Wksp on Arithmetic Algebraic Geometry Trieste, Italy *Contact:* ICTP

31-18 College on Med Phys Trieste, Italy *Contact:* ICTP

SEPTEMBER 1992

2-5 History of Phys Como, Italy *Contact:* Centro di Cultura Scientifica Volta, Villa Olmo, 22100 Como, Italy

2-6 Solid/Fluid Interfaces Arnhem, The Netherlands *Contact:* ESF

2-12 Course and Wksp on Industrial Applications of Plasma Phys Varenna, Italy *Contact:* E. Sindoni, Intl Sch of Plasma Phys, Via Celoria 16, 20133 Milano, Italy

3-4 Wksp on Status of Women in Astron Baltimore, MD *Contact:* Barb Jedrzejewski [Tel. (410) 338-4836]

● **3-10 Intl Cong on Acoustics** Beijing, China *Contact:* ICA Secretariat, Inst of Acoustics, Chinese Academy of Sci, PO Box 2712, Beijing 100080, China

6-8 Brachytherapy Working Conf Baltimore, MD *Contact:* Nucletron Corp, 9160 Red Branch Rd, Columbia, MD 21045

6-12 Cong Ampère on Magnetic Resonance Athens, Greece *Contact:* F. Millia, Inst of Materials Sci, NCSR Demokritos, GR-153, 10 Ag Paraskevi, Attikis, Greece

6-13 Current Topics in Astrofundamental Phys Erice, Italy *Contact:* N. Sanchez, Observatoire de Paris, Section d'Astrophys de Meudon, Demirm, 5, Place Jules Janssen, 92195 Meudon Principal Cedex, France

6-13 Cosmic Dynamo Potsdam, Germany *Contact:* F. Krause, Zentralinst für Astrophysik, Rosa-Luxembourg-Str 17a, Potsdam, Germany

● **7-11 Diffusion in Materials** Kyoto, Japan *Contact:* M. Koiki, Dept of Metal Sci and Tech, Kyoto Univ, Sakyo-ku, Kyoto 606-01, Japan

● **7-11 Wksp on Crystal Growth of Organic Materials** Glasgow, Scotland *Contact:* CGOM2, Mtg Makers, 50 Richmond St, Glasgow G1 1XP, Scotland

7-11 Functional Polymers and Biopolymers Canterbury, England *Contact:* Allan Amass, Macromolecules '92, Chemical Eng and Applied Chem, Aston Univ, Aston Triangle, Birmingham B4 7ET, UK

7-11 Conf on Structure, Dynamics and States of Matter Brioni Island, Croatia, Yugoslavia *Contact:* S. D. Bosanac [Fax: (38)(41) 425-497] R Bošković Inst, Bijenička 54, 41001 Zagreb, Croatia, Yugoslavia

7-11 Intl Conf on Electrical Contacts Loughborough, UK *Contact:* ICEC '92, Dept of Electronic and Electrical Eng, Loughborough Univ of Tech, Loughborough, Leicestershire LE11 3TU, UK

7-12 Sem on Computational Phys Almuñécar, Spain *Contact:* J. Marro, Facultad de Ciencias (Fisicas), Campus de Fuentenueva, Univ de Granada, E-18071 Granada, Spain

7-12 Eur Cong on Electron Microscopy Granada, Spain *Contact:* Antonio Rios, Dept of Cell Bio, Faculty of Sciences, Univ of Granada, E-18071 Granada, Spain

● **8-11 Wksp on Tau Lepton Phys** Columbus, OH *Contact:* Chris White, Ohio State Univ, Dept of Phys, 174 W 18th Ave, Columbus, OH 43210-1106

● **8-11 Introductory Phys Education in the Univ** Hiratsuka City, Japan *Contact:* Yasuhiko Tsuruoka, Dept of Phys, Tokai Univ, 1117 Kitakaname, Hiratsuka 259-12, Japan *Note revised address*

8-11 OE/Fibers Boston, MA *Contact:* SPIE

● **8-12 Density Functional Theory** Ithaca, NY *Contact:* Donna Smith, Cornell Theory Ctr, 422 Eng and Theory Ctr Bldg, Ithaca, NY 14853-3801

10-11 Determination of Partial Structure of Disordered Matter by Neutron and Anomalous X-Ray Diffraction Grenoble, France *Contact:* Diana Dijoux, Wksp on PSF, Inst Laue-Langevin, BP 156, F-38042 Grenoble Cedex 9, France

11-13 Our Changing Environments Denver, CO *Contact:* Pam Goode, Assoc

for Women Geoscientists, 6103 Alkire Ct, Arvada, CO 80004

● **12-19 Wksp on Physical Acoustics** Nanjing, China *Contact:* T. H. Wang, Inst of Acoustics, Nanjing Univ, Nanjing 210008, China *Note revised date*

● **13-17 Electronic Structure of Solids: At the Computational Leading Edge** Cambridge, England *Contact:* ESF

● **13-17 Fluid Dynamics of High Angle of Attack** Tokyo, Japan *Contact:* Y. Aihara, Dept of Aeronautics, Faculty of Eng, Tokyo Univ, Hongo 7-chome, Bunkyo-ku, Tokyo 113, Japan

● **13-18 Gas Discharges and Applications** Swansea, UK *Contact:* SPIE

14-16 ITP Conf on Planetesimal Dynamics Santa Barbara, CA *Contact:* G. R. Stewart, Univ of Colorado, Dept of Astrophysical, Planetary and Atmospheric Sci, Box 391, Boulder, CO 80309-0391

14-16 Astron from Large Databases Strasbourg, France *Contact:* André Heck, Observatoire Astronomique, 11 rue de l'Université, F-67000 Strasbourg, France

14-17 Atomic Spectra and Oscillator Strengths for Astrophysical and Lab Plasmas Gaithersburg, MD *Contact:* Jack Sugar, NIST, Bldg 221, Rm A167, Gaithersburg, MD 20899

14-18 Intl Conf on Teacher Training in Phys Dortmund, Germany *Contact:* D. K. Nachtigall, Inst of Phys, Univ of Dortmund, Otto-Hahn-Strasse, D-4600 Dortmund, Germany

14-18 World Cong on Superconductivity Munich, Germany *Contact:* World Cong on Superconductivity, PO Box 27805, Houston, TX 77227-7805

14-18 Intl Symp on Opt Sys Design Berlin, Germany *Contact:* SPIE

14-18 Wksp on Inelastic Ion Surface Collisions Aussois, France *Contact:* M. Bernheim, Lab de Physique des Solids, Bât 351, Univ de Paris-Sud, 91405 Orsay, France

14-18 Symp on Fusion Tech Rome, Italy *Contact:* H. Knoepfel, ENEA, Fusion Dept, CP 65, I-00044 Frascati, Italy

● **14-19 Mtg on Radiation Processing** Beijing, China *Contact:* Y. T. Zhou, 8th IMRP, PO Box 2102 (30), Beijing 100822, China

● **14-20 Phys and Applications of Solid-State Lasers** Settlement Dagomys, Russia *Contact:* PASSL Organizing Committee, 350000 Krasnodar, Ordjonikidze Str 29, Kuz'min OV, Russia

14-25 Wksp on Commutative Algebra Trieste, Italy *Contact:* ICTP

15-17 Conf on Superconductivity and Applications Buffalo, NY *Contact:* R. S. Hamilton, NY State Inst on Superconductivity, 330 Bonner Hall, State Univ of New York, Buffalo, NY 14260

15-18 Neutron Scattering from Liquids Giardini Naxos, Italy *Contact:* José Teixeira, Lab Léon Brillouin, CE Saclay, 91191 Gif-Sur-Yvette Cedex, France

15-19 Developments in Astrometry Shanghai, China *Contact:* Ivan Mueller, Dept of Geodetic Sci and Surveying, Ohio State Univ, Columbus, OH 43210-1247

16-18 Sky Surveys: Protostars to Protogalaxies Pasadena, CA *Contact:* T. Soifer, Caltech 320-47, Pasadena, CA 91125

CALENDAR

- 16-18 Thermal Degradation of Polymers** Cambridge, England *Contact:* N. S. Allen, Dept of Chem, Manchester Polytechnic, John Dalton Bldg, Chester St, Manchester M1 5GD, England
- 16-22 Small Particles and Inorganic Clusters** Chicago, IL *Contact:* Stephen Berry, ISSPIC 6, Dept of Chem, Univ of Chicago, 5735 S Ellis Ave, Chicago, IL 60637
- **20-24 Biological Mass Spectrometry** Kyoto, Japan *Contact:* T. Matsuo, Inst of Phys, College of General Education, Osaka Univ, Toyonaka, Osaka 560, Japan
- 20-25 OSA Ann Mtg** Albuquerque, NM *Contact:* OSA
- 20-3 NATO ASI on High-Pressure Chem, Biochem and Materials Sci** Acquafredda di Maratea, Italy *Contact:* Jiri Jonas, Univ of Illinois, Sch of Chemical Sci, 505 South Mathews Ave, Urbana, IL 61801
- 21-23 Symp on Turbulence** Rolla, MO *Contact:* Walter Ries, Symp Coordinator, 119 ME Annex, Univ of Missouri, Rolla, MO 65401-0249
- 21-23 Potentials and Correlations in Phys of Condensed Matter** Pavia, Italy *Contact:* G. Senatore, Dipartimento di Fisica Teorica, Univ di Trieste, Strada Costiera 11, 34014 Miramare-Grignano, Italy
- 21-23 Microelectronics** Warsaw, Poland *Contact:* Jan Grzybowski, IRSEP, Aurawia 26/10, 00-515 Warsaw, Poland
- **21-25 Small Angle X-Ray Scattering** Campinas, Brazil *Contact:* Natl Synchrotron Light Lab, CP 6192, Campinas 13081, SP, Brazil
- 21-25 Applications of Phys in Medicine and Bio: Adv Detectors for Med Imaging** Trieste, Italy *Contact:* ICTP
- 21-25 Dynamics of Mechanical Sys (within the Solar Sys)** Tomsk, Russia *Contact:* G. Andreev, Astronomical Observatory of Tomsk Univ, Box 1106, SU-634010, Tomsk, Russia
- 21-25 Microelectronics Processing** San Jose, CA *Contact:* SPIE
- 21-25 Nonthermal Plasma Techniques for Pollution Control** Cambridge, England *Contact:* B. M. Penetrante, LLNL, L-417, Box 808, Livermore, CA 94550
- 21-25 Conf of Intl Nuclear Target Development Soc** Legnaro, Italy *Contact:* M. Stefani, Lab Nazionali di Legnaro, Via Roma 4, I-35020 Legnaro, Padova, Italy
- 21-25 Conf on Nanostructured Materials** Cancun, Mexico *Contact:* Victor Castaño, Inst de Fisica, UNAM, AP 20-364, CP 01000 Mexico, DF
- 21-25 Cong on High-Speed Photography and Photonics** Victoria, Canada *Contact:* John Dewey, Dept of Phys and Astron, Univ of Victoria, PO Box 3055, Victoria, BC V8W 3P6, Canada
- 21-25 Modern Surface Spectroscopy Techniques** Austin, TX *Contact:* Continuing Eng Studies, Univ of Texas, College of Eng, ECJ 10.324, Austin, TX 78712
- 21-25 Semiconductor Laser Conf** Takamatsu, Japan *Contact:* IEEE/LEOS, 445 Hoes Lane, PO Box 1331, Piscataway, NJ 08855-1331
- 21-25 Observational Cosmology** Milano, Italy *Contact:* Osservatorio Astronomico, Via Brera 28, 20121 Milano, Italy
- 21-25 Symp on Gas Flow and Chemical Lasers** Crete, Greece *Contact:* C. Fotakis, FORTH-IESL, PO Box 1527, 711 10 Heraklion, Crete, Greece
- 23-25 Microelectronic Processing Integration** San Jose, CA *Contact:* SPIE
- 26-29 Optoelectronic Sci and Eng** Beijing, China *Contact:* SPIE
- **27-1 Dynamic Properties of Solids** Dresden, Germany *Contact:* ESF
- **27-1 Prospects for Heavy Ion Inertial Fusion** Aghia Pelaghia, Greece *Contact:* ESF
- **27-1 Quantum Optics** Davos, Switzerland *Contact:* ESF
- 28-2 WMO Wksp on Limited-Area Modeling** Trieste, Italy *Contact:* ICTP
- 28-2 Phys of Highly Charged Ions** Manhattan, KS *Contact:* Martin Stockli, Dept of Phys, Kansas State Univ, Manhattan, KS 66506-2604
- 28-23 College on Methods and Experimental Techniques in Biophys** Trieste, Italy *Contact:* ICTP

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OCTOBER 1992

- **1-2 Interaction of Focused Electromagnetic Fields with Opt Disk Structures** Rochester, NY *Contact:* Maria Schnitzler, Inst of Optics, Univ of Rochester, Rochester, NY 14627
- **1-8 IUCr General Assembly and Intl Cong of Crystallography** Beijing, China *Contact:* M. C. Shao, Inst of Physical Chem, Beijing Univ, Beijing 1000781, China
- **4-9 Optics for Protection of Man and Environment Against Natural and Technological Disasters** Münster, Germany *Contact:* Gert von Bally, Lab of Biophys, Inst of Exper Audiology, Univ of Münster, Kardinal-von-Galen-Ring 10, D-4400 Münster, Germany
- 4-9 Molecular and Ionic Clusters** Irsee, Germany *Contact:* Gordon Rsch Conf
- **5-6 Synchrotron Radiation Ctr Users Group Mtg** Stoughton, WI *Contact:* Brian Tonner, Univ of Wisconsin, Synchrotron Radiation Ctr, 3731 Schneider Dr, Stoughton, WI 53589
- 5-9 Flares Wksp** Crimea, Russia *Contact:* E. R. Priest, St. Andrews Univ, St. Andrews, Scotland
- 5-9 Astron with Millimeter and Submillimeter Wave Interferometry** Hakone, Japan *Contact:* M. Ishiguro, Nobeyama Radio Observatory, Nobeyama, Minaaki, Minamisaku, Nagano 384-13, Japan
- 5-30 Microprocessor-Based Real-Time Control: Principles and Applications in Phys** Trieste, Italy *Contact:* ICTP
- **6-8 Aerospace and Ground Conf on Lightning and Static Electricity** Atlantic City, NJ *Contact:* Mike Cupples, Federal Aviation Administration Technical Ctr, Atlantic City Intl Airport, NJ 08405
- **10-11 Lab Rsch for Planetary Atmospheres** Munich, Germany *Contact:* Kenneth Fox, Dept of Chem and Biochem, Univ of Maryland, College Park, MD 20742
- 11-16 Mtg of AAS Div for Planetary Sci** Munich, Germany *Contact:* AAS
- **12-14 Maryland Astrophys Conf: Back to the Galaxy** College Park, MD *Contact:* S. Holt, NASA/Goddard Space Flight Ctr, Greenbelt, MD 20771
- 12-14 Adaptive Radar Signal Processing** Washington, DC *Contact:* Univ Consortium for Continuing Education
- 12-16 Cong of Energy, Environment and Tech** Rome, Italy *Contact:* Secretaria CPA, Facultad de Ingenieria, Univ Central de Venezuela, Edif Decanato, Caracas 1050, Venezuela
- 12-16 Vacuum Cong and Conf on Solid Surfaces** The Hague, The Netherlands *Contact:* Van Namen, Westerlaken Cong Organization Services, PO Box 1558, 6501 BN Nijmegen, The Netherlands
- 14-17 Mtg of APS Div of Nuclear Phys** Santa Fe, NM *Contact:* Millie Saxman, MS P-366, T-5, Los Alamos Natl Lab, Los Alamos, NM 87545
- 15-17 Symp on Gamma Ray Astron** St. Louis, MO *Contact:* Neil Gehrels, Code 661, NASA/Goddard Space Flight Ctr, Greenbelt, MD 20771
- 15-19 Magnetic and Velocity Fields of Solar Active Regions** Beijing, China *Contact:* H. Zirin, Caltech 264-33, Pasadena, CA 91125
- **16-19 Intl Conf on Lasers and Optoelectronics** Beijing, China *Contact:* Fang Min, Chinese Inst of Electronics, Nongzhanguan Nanlu No 12, Rm 2310, Beijing 100026, China
- **18-21 Interdisciplinary Wksp on Polymer Surfaces and Interfaces** Danvers, MA *Contact:* T. P. Russell, IBM ARC, K93/802, 650 Harry Rd, San Jose, CA 95120
- 18-23 Applications and Fabrication of Nanostructures** Kona, HI *Contact:* Eng Foundation
- **19-21 Phase Contrast and Differential Interference Contrast** Warsaw, Poland *Contact:* Maksymilian Pluta, Centraline Laboratorium Optyki, Kamionkowski 18, 03-805 Warsaw, Poland
- 19-23 Phenomenology of Particle Phys** Trieste, Italy *Contact:* ICTP
- 19-23 Visualization '92** Boston, MA *Contact:* IEEE Computer Soc Conf Dept, 1730 Massachusetts Ave NW, Washington, DC 20036-1903
- **23-27 Adv Quantum Field Theory: Low Dimensional Field Theories** Como, Italy *Contact:* ESF
- **25-27 Electron Beam Melting and Refining** Reno, NV *Contact:* R. Bakish, Bakish Materials Corp, PO Box 148, Englewood, NJ 07631
- 25-29 Intl Cong on Applications of Lasers and Electro-Optics** Orlando, FL *Contact:* Gary Bert, Laser Inst of America, 12424 Rsch Parkway, Ste 130, Orlando, FL 32826
- **25-30 Advances in Non-Impact Printing Tech** Williamsburg, VA *Contact:* R. Allen, HP Labs 2U-19, PO Box 10490, Palo Alto, CA 94303-0969
- 25-30 Molecular-Based Magnetic Materials** Shuzenji, Japan *Contact:* H. Iwamura, Faculty of Sci, Univ of Tokyo, Bunkyo-ku, Tokyo 113, Japan
- **26-28 Wksp on Near Field Optics** Besancon, France *Contact:* Daniel Courjon, Laboratoire d'Optique P. M. Duffieux, UFR Sci, Univ Franche-Comte, 25030 Besancon Cedex, France
- 26-29 Oceans '92** Newport, RI *Contact:* Leslie Prewitt, 655 15th St, NW, Ste 300, Washington, DC 20005
- **26-30 Chemical Evolution and Origin of Life** Trieste, Italy *Contact:* ICTP
- 26-31 Nuclear Sci Symp** Kissimmee, FL *Contact:* John Dawson, Argonne Natl Lab, Argonne, IL 60439
- 26-6 Physical Methods for Study of Upper and Lower Atmosphere Sys** Trieste, Italy *Contact:* ICTP
- 27-30 Gaseous Electronics Conf** Boston, MA *Contact:* Pablo Vicharelli, GTE Labs Inc, 40 Sylvan Rd, Waltham, MA 02254
- 30-7 70th Anniversary of Chinese Astronomical Soc** Beijing, China *Contact:* L. Qibin, Beijing Astronomical Observatory, Chinese Acad of Sci, Beijing 100080, China
- 31-4 124th Mtg of ASA** New Orleans, LA *Contact:* ASA

NOVEMBER 1992

- **2-4 Astronomical Data Analysis Software and Sys** Boston, MA *Contact:* Tricia

Buckley, Smithsonian Astrophysical Observatory, MS 83, 60 Garden St, Cambridge, MA 02138

- 2-5 Applications of Accelerators in Rsch and Industry** Denton, TX *Contact:* J. L. Duggan, Dept of Phys, Univ of North Texas, PO Box 5368, Denton, TX 76203
- 2-6 IAU Latin Amer Regional Mtg** Santiago, Chile *Contact:* C. Anguita, Dept of Astron, Facultad de Ciencias Fisicas y Matematicas, Univ de Chile, Casilla 36-D, Santiago, Chile
- 2-27 Applications of Synchrotron Radiation** Trieste, Italy *Contact:* ICTP
- **5-8 Conf of American Indian Sci and Eng Soc** Washington, DC *Contact:* Jack Ramsey, AISES, 1630 30th St, Ste 301, Boulder, CO 80301
- 7-8 Mtg of Texas Sections of AAPT and APS** Houston, TX *Contact:* Steve Baker, Dept of Phys, Rice Univ, PO Box 1892, Houston, TX 77251
- 8-10 Vacuum Web Coating** Reno, NV *Contact:* R. Bakish, Bakish Materials Corp, PO Box 148, Englewood, NJ 07631
- 8-13 Soc for Imaging Sci and Tech: East-West Symp III** Maui, Hawaii *Contact:* Soc for Imaging Sci and Tech, 7003 Kilworth Ln, Springfield, VA 22151
- 9-12 Space Simulation Conf** Baltimore, MD *Contact:* Inst for Environmental Sci, 940 E Northwest Highway, Mt Prospect, IL 60056
- **9-13 Opt Properties of Solids** Campinas, Brazil *Contact:* Natl Synchrotron Light Lab, CP 6192, Campinas 13081, SP, Brazil
- 9-13 Production and Neutralization of Negative Ions and Beams** Upton, NY *Contact:* Ady Herscovitch, AGS Dept, Bldg 911B, BNL, Upton, NY 11973
- 9-13 39th Natl AVS Symp** Chicago, IL *Contact:* AVS
- 9-14 Symp on High-Energy Spin Phys** Nagoya, Japan *Contact:* Naoaki Horikawa, Dept of Phys, Nagoya Univ, Chikusa-ku, Nagoya 464-01, Japan
- 10-14 Mtg of Div of Particles and Fields of APS** Fermilab, IL *Contact:* C. M. Sazama, Fermilab, PO Box 500, Batavia, IL 60510
- 11-13 Electron-Beam Melting and Refining** Reno, NV *Contact:* R. Bakish, Bakish Materials Corp, PO Box 148, Englewood, NJ 07631
- 12-14 Mtg of Southeastern Section of APS** Oak Ridge, TN *Contact:* L. Worth Seagondollar, North Carolina State Univ, Dept of Phys, Box 8202, Raleigh, NC 27695
- 13-16 Opt Tech Modules/Issues in Optics** Boston, MA *Contact:* OSA
- 15-20 Lower Thermosphere and Upper Mesosphere** Ann Arbor, MI *Contact:* AGU
- 15-20 Winter Mtg of ANS** Chicago, IL *Contact:* ANS
- **16-20 Food Hydrocolloids** Tsukuba, Japan *Contact:* Katsuyoshi Nishinari, Lab of Food Rheology, Natl Food Rsch Inst, Tsukuba 305, Japan
- 16-20 Latin Amer Symp on Fluid Dynamics and Applications** Guanajuato, Mexico *Contact:* Ramón Peralta-Fabi, Dept de Fisica, Facultad de Ciencias, UNAM, A 70-543, 04510, Mexico, DF

CALENDAR

16-20 Supercomputing '92 Minneapolis, MN *Contact:* Susan Cross, Natl Ctr for Atmospheric Rsch, PO Box 3000, Boulder, CO 80307

16-20 Mtg of Plasma Phys Div of APS Seattle, WA *Contact:* APS

16-11 Exper Wksp on High- T_c Superconductivity Trieste, Italy *Contact:* ICTP

● **17-20 Optcon '92/Visual Communications and Image Processing** Boston, MA *Contact:* OSA Note revised dates

● **22-25 Polymer Symp** Palm Springs, CA *Contact:* J. E. McGrath, 2111 Chem Rsch Bldg, Virginia Polytechnic Inst, Blacksburg, VA 24061-0212

23-25 Mtg of Fluid Dynamics Div of APS Tallahassee, FL *Contact:* APS

23-26 Conf of Third World Academy of Sciences Kuwait City, Kuwait *Contact:* ICTP

● **29-4 Adv Heterostructure Transistors** Kona, HI *Contact:* Eng Foundation

29-4 AAPM/RSNA Ann Joint Mtg Chicago, IL *Contact:* RSNA, 2021 Spring Rd, Ste 600, Oak Brook, IL 60521

30-4 MRS Fall Mtg Boston, MA *Contact:* MRS

30-11 Three-Dimensional Modeling of Seismic Waves Trieste, Italy *Contact:* ICTP

DECEMBER 1992

● **1-2 Asteroid Safety Conf** Albuquerque, NM *Contact:* Safety Rsch Inst, PO Box 9123, Albuquerque, NM 87119-9123

1-4 Conf on Magnetism and Magnetic Materials Houston, TX *Contact:* Courtesy Assoc Inc, 655 15th St NW, Ste 300, Washington, DC 20005

● **1-5 Phys Education for Development** Quezon City, Philippines *Contact:* J. Pabellon, Inst for Sci and Mathematics Education Development, Univ of Philippines, Diliman, Quezon City, Philippines 1101

● **6-11 Lasers '92** Houston, TX *Contact:* Soc for Optical and Quantum Electronics, PO Box 245, McLean, VA 22101

7-11 AGU Fall Mtg San Francisco, CA *Contact:* AGU

● **8-10 Planetary Sys: Formation, Evolution and Detection** Pasadena, CA *Contact:* N. Nickle, JPL, 4800 Oak Grove Dr, Pasadena, CA 91109

10-12 Fundamental Aspects of Quantum Theory Columbia, SC *Contact:* Quantum Conf Secretary, Dept of Phys and Astron, Univ of South Carolina, Columbia, SC 29208

● **14-16 Opt Eng** Tel Aviv, Israel *Contact:* Dipl Ing Itzhak Shladov, AEAI, PO Box 3082, Tel Aviv 61030, Israel

● **14-18 Optoelectronics in Computers, Communications and Control** Hsinchu, Taiwan *Contact:* SPIE Note revised date

14-18 Infrared and Millimeter Waves Pasadena, CA *Contact:* Ken Button, PO Box 2455, Satellite Beach, FL 32937

14-18 Symp on Relativistic Astrophysics/Particles, Strings and Cosmology Symp Berkeley, CA *Contact:* PASCOS '92, Conf Coordination, MS-50F, LBL, Univ of California, Berkeley, CA 94720

JANUARY 1993

3-7 181st Mtg of AAS Phoenix, AZ *Contact:* AAS

● **4-7 High- T_c Superconductivity** Eilat, Israel *Contact:* Shulamith Cahana, Ministry of Sci and Tech, PO Box 18195, 91811 Jerusalem, Israel

4-7 AAPT Winter Mtg New Orleans, LA *Contact:* AAPT

● **5-8 URSI Natl Radio Sci Mtg** Boulder, CO *Contact:* James Moran, Harvard-Smithsonian Ctr for Astrophys, 60 Garden St, Cambridge, MA 02138

● **6-9 Dynamics Days** Tempe, AZ *Contact:* Eric Kostelich, Dept of Mathematics, Arizona State Univ, Tempe, AZ 85287

11-14 Cataclysmic Variables and Related Phys Eilat, Israel *Contact:* Oded Regev, Dept of Phys, Technion, Haifa 32000, Israel

11-15 Very High Angular Resolution Imaging Sydney, Australia *Contact:* J. Davis, Chatterton Astron Dept, Sch of Phys, Univ of Sydney, Sydney NSW 2006, Australia

11-15 Particle Acceleration Phenomena in Astrophysical Plasmas College Park, MD *Contact:* E. L. Chupp, Dept of Phys, Univ of New Hampshire, Durham, NH 03824

● **16-23 OE/LASE '93** Los Angeles, CA *Contact:* SPIE

● **20-22 Neutrons and X Rays in Magnetism** Grenoble, France *Contact:* Diana Dijoux, Institut Laue-Langevin, BP 156, F-38042 Grenoble Cedex 9, France

● **25-29 Phys and Chem of Semiconductor Interfaces** Williamsburg, VA *Contact:* L. J. Brillson, Xerox Webster Rsch Ctr, 800 Phillips Rd, 0114-41D, Webster, NY 14580

FEBRUARY 1993

1-4 Smart Structures and Materials Albuquerque, NM *Contact:* SPIE

3-6 Infrared Solar Phys Tucson, AZ *Contact:* D. Rabin, Natl Solar Observatory, PO Box 26732, Tucson, AZ 85726

7-10 64th Ann Mtg of S of R Santa Barbara, CA *Contact:* S of R [Tel. (212) 661-9404 ext 611] 335 E 45th St, New York, NY 10017-3483

● **8-26 Winter College on Optics** Trieste, Italy *Contact:* ICTP

● **11-16 Ann Mtg of AAAS** Boston, MA *Contact:* Rolf Sinclair, Phys Div, NSF, Washington, DC 20550

● **14-18 Med Imaging** Newport Beach, CA *Contact:* SPIE

● **21-25 Ann Mtg of Minerals, Metals and Materials Soc** Denver, CO *Contact:* Marlene Karl, TMS, 420 Commonwealth Drive, Warrendale, PA 15086

21-25 Exper Methods for Materials Sci Rsch Denver, CO *Contact:* William Hofmeister, Dept of Materials Sci and Eng, Box 1593, Station B, Vanderbilt Univ, Nashville, TN 37235

21-26 Symp on the Interphase Williamsburg, VA *Contact:* Louis Sharpe, Dept of Materials Sci and Eng, ML 12, Univ of Cincinnati, Cincinnati, OH 45221

21-26 Opt Fiber Communications San Jose, CA *Contact:* OSA

● **28-5 Symp on Microlithography** San Jose, CA *Contact:* SPIE

MARCH 1993

● **4-6 Symp on the Arts and Tech** New London, CT *Contact:* M. Monce, Dept of Phys and Astron, Connecticut College, New London, CT 06320

● **12-13 Joint Mtg of Texas Sections of APS, AAPT and SPS** Edinburg, TX *Contact:* Richard Bartels, Phys Dept, Trinity Univ, San Antonio, TX 78212

● **15-19 Lunar and Planetary Sci Conf** Houston, TX *Contact:* Pamela Jones, LPI Prog Services Dept, 3600 Bay Area Blvd, Houston, TX 77058

22-24 Robotic Observatories: 1st Decade Tucson, AZ *Contact:* B. Rafert, Florida Inst of Tech, Dept of Phys and Space Sci, 150 West Univ Blvd, Melbourne, FL 32901-6988

22-26 APS March Mtg Seattle, WA *Contact:* APS

● **31-1 Ultraviolet Radiation in Medicine** York, England *Contact:* Diane Crawford, Joint Dept of Phys, Inst of Cancer Rsch, Royal Marsden Hospital, Down's Rd, Sutton, Surrey SM2 5PT, England

APRIL 1993

● **12-16 Opt Eng and Photonics in Aerospace Sensing** Orlando, FL *Contact:* SPIE

12-16 APS Spring Mtg Washington, DC *Contact:* APS

12-16 MRS Spring Mtg San Francisco, CA *Contact:* MRS

● **25-29 High-Level Radioactive Waste Management** Las Vegas, NV *Contact:* William Wells, Howard Hughes Coll of Eng, Univ of Nevada, 4505 Maryland Parkway, Las Vegas, NV 89154

MAY 1993

2-7 Conf on Lasers and Electro-Optics/Quantum Electronics and Laser Sci Baltimore, MD *Contact:* OSA

17-20 Particle Accelerator Conf Washington, DC *Contact:* Christoph Leemann, CERN, 12000 Jefferson Ave, Newport News, VA 23606

17-21 125th Mtg of ASA Ottawa, Canada *Contact:* ASA

● **17-29 Materials and Crystallographic Aspects of High- T_c Superconductivity** Erice, Italy *Contact:* L. Riva di Sanseverino, Intl Sch of Crystallography, Piazza Porta San Donato 1, 40126 Bologna, Italy

● **23-27 Polarized Ion Sources and Polarized Gas Targets** Madison, WI *Contact:* L. W. Anderson, Dept of Phys, Univ of Wisconsin, 1150 University Ave, Madison, WI 53706

23-28 ACA Mtg Albuquerque, NM *Contact:* Allen Larson, LANSC-89-025, A805, Los Alamos Natl Lab, Los Alamos, NM 87455

● **24-28 Refractory Metals and Hard Materials** Reutte, Austria *Contact:* Ralf Eck, Metallwerk Plansee GmbH, A-6600 Reutte, Austria

24-28 AGU Spring Mtg Baltimore, MD *Contact:* AGU

● **30-3 Metallization of Polymers** Montréal, Canada *Contact:* Edward Sacher, Dept of Eng Phys, Ecole Polytechnique,

PO Box 6079, Station A, Montréal, Québec H3C 3A7, Canada

31-4 Fundamentals of Fracture Fukushima, Japan *Contact:* Robb Thomson, NIST, Gaithersburg, MD 20899

JUNE 1993

- **3-6 Opt Spectroscopic Instrumentation and Techniques** Albuquerque, NM *Contact:* SPIE
- **6-12 Materials Processing in High Gravity** Potsdam, NY *Contact:* Liya Regel, Intl Ctr for Gravity Material Sci and Applications, Potsdam, NY 13699-5700
- 6-10 182nd Mtg of AAS** Berkeley, CA *Contact:* AAS
- 7-9 Conf on Plasma Sci** Vancouver, Canada *Contact:* Andrew Ng, Univ of British Columbia, Dept of Phys, 6224 Agricultural Rd, Vancouver, BC V6T 2A6, Canada
- 8-11 Real-Time Computer Applications in Nuclear, Particle and Plasma Phys** Vancouver, Canada *Contact:* Renee Poutissou, TRIUMF, 4004 Wesbrook Mall, Vancouver, BC V6T 2A3, Canada
- **9-11 Symp on Applied Surface Analysis** Cleveland, OH *Contact:* Jeffrey El-dridge, NASA Lewis Rsch Ctr, MS 23-2, 21000 Brookpark Rd, Cleveland, OH 44135
- 13-18 Biennial Conf on Carbon** Buffalo, NY *Contact:* D. Chung, Composite Materials Rsch Lab, Furnas Hall, State Univ of New York, Buffalo, NY 14260
- 20-24 Ann Mtg of ANS** Las Vegas, NV *Contact:* ANS
- 21-25 Symp on Exper Gravitation** Nathiagali, Pakistan *Contact:* Munawar Karim, Dept of Phys, Expgrav I, St. John Fisher College, Rochester, NY 14618
- 28-3 Conf on Particles and Nuclei** Perugia, Italy *Contact:* Carlo Schaerf, Dept of Phys, Univ of Rome, via E Carnevale, I-00173 Rome, Italy

JULY 1993

- 6-9 Neutral Currents: 20 Years Later** Paris, France *Contact:* Conf Secretariat, Neutral Currents, Laboratoire PNHE, Ecole Polytechnique, F-91128 Palaiseau Cedex, France
- **11-16 Opt Applied Sci and Eng** San Diego, CA *Contact:* SPIE
- 19-23 Nuclear and Space Radiation Effects Conf** Snowbird Resort, UT *Contact:* Paul Dressendorfer, Sandia Natl Labs, Albuquerque, NM 87185

AUGUST 1993

- 4-11 Conf on Low-Temperature Phys** Eugene, OR *Contact:* Russell Donnelly, Dept of Phys, Univ of Oregon, Eugene, OR 97403-1274
- 8-12 Ann Mtg of AAPM** Washington, DC *Contact:* AAPM
- 8-20 Assembly of Intl Assoc of Geomagnetism and Aeronomy** Buenos Aires, Argentina *Contact:* Comité Organizador, IAGA Assembly, Casilla de Correo 106, Sucursal 28, 1428 Buenos Aires, Argentina
- 9-13 Conf on Luminescence** Storrs, CT *Contact:* Douglas Hamilton, Dept of Phys, 2152 Hillside Rd, Univ of Connecticut, Storrs, CT 06269-3046

10-15 Symp on Lepton and Photon Interactions Ithaca, NY *Contact:* Richard Galik, Cornell Univ, Floyd R. Newman Lab of Nuclear Studies, Wilson Lab, Ithaca, NY 14853-8001

- **15-20 Opt and Optoelectronic Applied Sci and Eng** Quebec City, Canada *Contact:* SPIE
- 16-20 Asian-Pacific Regional Mtg** Pune, India *Contact:* J. V. Narlikar, Inter Univ Ctr for Astron and Astrophys, Post Bag 4, Ganeshkhind, Pune 411007, India
- 21-29 Cong and General Assembly of Intl Union of Crystallography** Beijing, China *Contact:* M.-C. Shao, Inst of Physical Chem, Dept of Chem, Beijing Univ, Beijing, China 100871
- **23-26 Synchrotron Radiation Instrumentation** Gaithersburg, MD *Contact:* Charles Clark, A253 Phys Bldg, NIST, Gaithersburg, MD 20899
- **25-2 General Assembly of Intl Union of Radio Sci** Kyoto, Japan *Contact:* I. Kimura, Business Ctr for Academic Societies of Japan, 10th Tabuchi Bldg, 6-3 Matsugai-cho, Kita-ku, Osaka 530, Japan
- 30-4 Conf on Surface Sci** Warwick, England *Contact:* C. F. McConville, ECOS-13, Dept of Phys, Univ of Warwick, Coventry CV4 7AL, UK
- **31-3 Environmental Transport and Dosimetry** Charleston, SC *Contact:* Kenneth Hofstetter, Westinghouse SRC, Savannah River Lab, Bldg 735-A, D-104, Aiken, SC 29808
- **31-4 Ion Sources** Beijing, China *Contact:* Chen Chia-erh, Inst of Heavy Ion Phys, Peking Univ, Beijing 100871, China

SEPTEMBER 1993

- **7-11 OE/Fibers '93** Boston, MA *Contact:* SPIE
- **20-24 Magnet Tech** Victoria, Canada *Contact:* P. A. Reeve, Dept of Phys and Astron, Univ of Victoria, Box 3055, Victoria, BC V8W 3P6, Canada
- 20-24 Solar Coronal Structure** Tatranska Lomnica, Czechoslovakia *Contact:* V. Rusin, Astronomical Inst, Slovak Academy of Sci, 059 60 Tatranska Lomnica, Czechoslovakia

OCTOBER 1993

- 4-8 126th Mtg of ASA** Denver, CO *Contact:* ASA
- **11-15 Symp on Fusion Eng** Burlington, VT *Contact:* Albe M. Dawson, 175 Albany St, Cambridge, MA 02139-4307 *Note revised dates*
- 12-15 Data Analysis and Software Sys** Victoria, Canada *Contact:* Dennis Crabtree, Dominion Astrophysical Observatory, NRCC, 5071 West Saanich Rd, RR5, Victoria, BC V8X 4M6, Canada
- 17-21 65th Ann Mtg of S of R** Boston, MA *Contact:* S of R [Tel. (212) 661-9404 ext 611] 335 E 45th St, New York, NY 10017-3483

NOVEMBER 1993

- 2-5 IEEE Nuclear Sci Symp** San Francisco, CA *Contact:* Edward Lampo, LBL, Univ of California, Berkeley, CA 94720
- **5-7 Joint Mtg of Texas Sections of APS, AAPM and SPS** College Station, TX

Contact: Richard Bartels, Phys Dept, Trinity Univ, San Antonio, TX 78212

- **7-12 Visual Communications and Image Processing** Cambridge, MA *Contact:* SPIE
- 14-19 Winter Mtg of ANS** San Francisco, CA *Contact:* ANS
- 14-19 Optcon '93** San Jose, CA *Contact:* OSA
- 15-19 40th Ann AVS Symp** Orlando, FL *Contact:* AVS
- 29-3 MRS Fall Mtg** Boston, MA *Contact:* MRS

DECEMBER 1993

- 6-10 AGU Fall Mtg** San Francisco, CA *Contact:* AGU
- **12-17 Cornelius Lanczos Centenary Conf** Raleigh, NC *Contact:* Vicki Grantham, Admin Secretary, North Carolina State Univ, Box 8202, Raleigh, NC 27695-8202

JANUARY 1994

- 11-15 183rd Mtg of AAS** Washington, DC *Contact:* AAS

FEBRUARY 1994

- **18-23 Ann Mtg of AAAS** San Francisco, CA *Contact:* Rolf Sinclair, Phys Div, NSF, Washington, DC 20550
- 21-25 Opt Fiber Communications** San Jose, CA *Contact:* OSA

MARCH 1994

- 21-25 APS March Mtg** Pittsburgh, PA *Contact:* APS

APRIL 1994

- 11-15 MRS Spring Mtg** San Francisco, CA *Contact:* MRS
- **24-27 Assessing Impact of Nuclear Facilities on Human Health and the Environment** Arlington, TX *Contact:* Randall Janne, TU Electric, 400 N Olive, LB-81, Dallas, TX 75201

MAY 1994

- 8-13 Conf on Lasers and Electro-Optics/Quantum Electronics and Laser Sci** Anaheim, CA *Contact:* OSA

JUNE 1994

- 6-8 Conf on Plasma Sci** Santa Fe, NM *Contact:* Anthony Perratt, Los Alamos Natl Lab, Group X-10, MS D-406, PO Box 1663, Los Alamos, NM 87545
- 19-24 Ann Mtg of ANS** New Orleans, LA *Contact:* ANS

JULY 1994

- 4-9 Materials and Mechanisms of Superconductivity/High-Temperature Superconductors** Grenoble, France *Contact:* M. Cyrot, CNRS, 25 ave des Martyrs, 38042 Grenoble Cedex, France
- 24-28 Ann Mtg of AAPM** Anaheim, CA *Contact:* AAPM

OCTOBER 1994

- 23-27 41st Ann AVS Symp** Denver, CO *Contact:* AVS