

CALENDAR

MAY 1992

10-15 QELS/CLEO '92 Anaheim, CA
Contact: OSA

10-15 Imaging East Rutherford, NJ
Contact: Soc for Imaging Sci and Tech

11-14 Nearest Active Galaxies Madrid, Spain
Contact: A. I. Diaz Beltran, Univ Autonoma de Madrid, Dept de Fisica Teorica, C-XI, Ciudad Univ de Cantoblanco, 28049 Madrid, Spain

11-15 123rd Mtg of ASA Salt Lake City, UT
Contact: ASA

11-16 Dispersion of Pigments and Resins in Fluid Media Kent, OH
Contact: Carl Knauss, Chem Dept, Kent State Univ, PO Box 5190, Kent, OH 44242-0001

12-14 Wksp on Fiber Optics for Missile Applications Huntsville, AL
Contact: William Engelke, Univ of Alabama, Rsch Inst E-47, Huntsville, AL 35899

12-15 AGU Spring Mtg Montreal, Canada
Contact: AGU

13-15 ESO/ST-ECF Data Analysis Wksp Garching, Germany
Contact: Image Processing Group, Attn 4th Data Analysis Wksp, Karl-Schwarzschild-Str 2, D-W8046 Garching, Germany

13-15 Cong on Tech and Tech Exchange Evry, France
Contact: Ruby Glasgow [Tel. (412) 795-5300] ITI, 7125 Saltsburg Rd, Pittsburgh, PA 15235-2297

17-22 Soc for Information Display Intl Symp Boston, MA
Contact: Terri Lichtenstein [Tel. (212) 620-3375] Palisades Inst for Rsch Services Inc, 201 Varick St, Ste 1140, New York, NY 10014

● **18-20 Vacuum Tech Training Course** Orlando, FL
Contact: Diane Eldridge, Mi-

crofabritech, Univ of Florida, Bldg 226, Rm 2, Gainesville, FL 32611

18-20 NSLS Ann Users Mtg Upton, NY
Contact: Linda Feierabend, Natl Synchrotron Light Source, BNL, Bldg 725B, Upton, NY 11973

18-21 Intl Conf on Nuclear Structure at High Angular Momentum Ottawa, Canada
Contact: June Elliott [Tel. (613) 584-3311] Chalk River Labs, Chalk River, Ontario, Canada K0J 1J0

18-22 Laser Fundamentals and Sys Los Angeles, CA
Contact: Eng Tech Inst, PO Box 8859, Waco, TX 76714-8859

18-22 Short Courses in Applied Optics Las Cruces, NM
Contact: Paul Nachman, Phys Dept, Campus Box 3D, New Mexico State Univ, Las Cruces, NM 88003

18-22 Spatio-Temporal Structure and Chaos in Heat and Mass Transfer Processes Athens, Greece
Contact: Intl Ctr for Heat and Mass Transfer, Secretariat, PO Box 522, 11001 Belgrade, Yugoslavia

18-22 Opt Materials Tech for Energy Efficiency and Solar Energy Toulouse, France
Contact: SPIE

18-22 Numerical Analysis of Semiconductor Devices and Integrated Circuits Vienna, Austria
Contact: John Miller, INCA, 26 Temple Lane, Dublin 2, Ireland

19-22 Refraction of Transatmospheric Signals in Geodesy The Hague, The Netherlands
Contact: F. H. Schröder [Tel. (31)(15) 782819] The Netherlands Geodetic Commission, PO Box 5030, NL-2600 GA Delft, The Netherlands

20-22 Advances in Stabilization and Controlled Degradation of Polymers Lu-

cerne, Switzerland
Contact: A. V. Patsis, Materials Lab, CSB 209, State Univ of New York, New Paltz, NY 12561

22-23 Wksp on Large Gamma-Ray Detector Arrays Chalk River, Canada
Contact: June Elliott [Tel. (613) 584-3311] Chalk River Labs, Chalk River, Canada K0J 1J0

● **22-25 Intl Space Development Conf** Washington, DC
Contact: US-ISO Assoc, 600 Maryland Ave, SW, Ste 600, Washington, DC 20024

23-31 Polarons and Applications Pushchino, Russia
Contact: G. N. Chuev [Tel. (7)(095) 923-35-58] Rsch Computing Ctr, Pushchino, Moscow Region 142292, Russia

24-29 Resonance Ionization Spectroscopy Santa Fe, NM
Contact: J. E. Parks, Inst of RIS, 10521 Rsch Dr, Ste 300, Knoxville, TN 37932

● **25-29 Adv Topics in Hearing Aid Rsch** Lake Arrowhead, CA
Contact: Peggy Na-

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]

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]

Soc for Imaging Sci and Tech 7003 Kilworth Ln, Springfield, VA 22151
[Tel. (703) 642-9090]

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
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

soordeen, House Ear Inst, 2100 W 3rd St, Los Angeles, CA 90057

25-29 Adv Sch on Med Phys Como, Italy *Contact:* Centro di Cultura Scientifica Volta, Villa Olmo, 22100 Como, Italy

25-29 Imaging in Transport Processes Athens, Greece *Contact:* Intl Ctr for Heat and Mass Transfer, Secretariat, PO Box 522, 11001 Belgrade, Yugoslavia

25-29 Conf on High-Power Particle Beams Washington, DC *Contact:* Beams '92 [Tel. (202) 404-8360] PO Box 1077, Oxon Hill, MD 20750

● **25-25 Sch on Dynamical Sys** Trieste, Italy *Contact:* ICTP

26-29 Symp on Electron, Ion and Photon Beams Orlando, FL *Contact:* R. L. Kubena, Hughes Rsch Labs/RL67, 3011 Malibu Canyon Rd, Malibu, CA 90265

26-30 NATO Adv Rsch Wksp on Localization and Propagation of Classical Waves in Structures Aghia Pelaghia, Crete *Contact:* C. M. Soukoulis [Tel. (515) 294-2816] Ames Lab, Iowa State Univ, Ames, IA 50011

26-4 Quantitative QCD Phenomenology Batavia, IL *Contact:* C. M. Sazama, Fermilab, PO Box 500, Batavia, IL 60510

27-29 Symp on Frequency Control Hershey, PA *Contact:* IEEE Ann Symp on Frequency Control, 3100 Route 138, Wall Township, NJ 07719

31-4 Space-Time Modeling of Bounded Natural Domains Pascoli, Italy *Contact:* Josip Hendeković, ESF, 1 quai Lezay-Marnésia, F-67080 Strasbourg Cedex, France

31-26 Complex Sys Sum Sch Santa Fe, NM *Contact:* Andi Sutherland, Sante Fe Inst, 1660 Old Pecos Tr, Ste A, Santa Fe, NM 87501

JUNE 1992

● **1-2 Electronic Materials, Processing and Characterization** Richardson, TX *Contact:* R. M. Wallace, 11th Ann Symp, PO Box 830914, Richardson, TX 75083-0914

1-2 Clinical and Dosimetric Procedures in Stereotactic Radiosurgery Como, Italy *Contact:* Centro di Cultura Scientifica Volta, Villa Olmo, 22100 Como, Italy

1-3 Symp on Photonic Measurements Sopron, Hungary *Contact:* J. Schanda [Tel. (43)(1) 753-187] Chairman of IMEKO TC 2, Kegelgasse 27, A-1030 Vienna, Austria

1-3 Mtg on Surface Roughness and Scattering Tucson, AZ *Contact:* OSA

1-3 Conf on Plasma Sci Tampa, FL *Contact:* Norman L. Oleson, Univ of South Florida, Dept of Phys, Box 118, Tampa, FL 33620

1-4 Structure of Baryons and Related Mesons New Haven, CT *Contact:* Moshe Gai, Baryons, Dept of Phys, Yale Univ, 272 Whitney Ave, New Haven, CT 06511

1-5 Laser Safety Chicago, IL *Contact:* Eng Tech Inst, PO Box 8859, Waco, TX 76714-8859

1-5 Adhesion Principles and Practice for Coatings and Polymer Scientists Kent, OH *Contact:* Carl Knauss, Chem Dept, Kent State Univ, PO Box 5190, Kent, OH 44242-0001

1-5 Infrared Tech: Fundamentals and Sys Applications Ann Arbor, MI *Contact:* Eng Conf, 300 Chrysler Ctr, North Campus, Univ of Michigan, Ann Arbor, MI 48109-2092

1-5 High Performance Opt Spectroscopy Warsaw, Poland *Contact:* SPIE

1-5 Mtg on Opt Interference Coating Tucson, AZ *Contact:* OSA

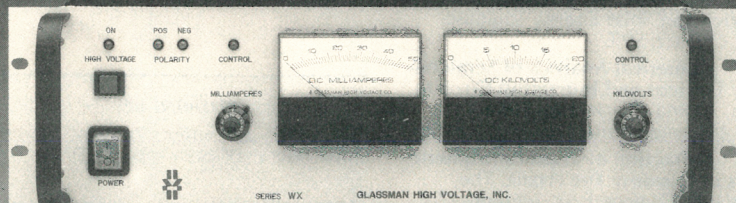
1-7 Mtg of Intl Union of Crystallography Commission on Computing Veszprém, Hungary *Contact:* H. D. Flack, Univ de Geneve, 24 quai Ernest Ansermet, CH-1211, Geneva 4, Switzerland

3-5 Atomic Layer Epitaxy Raleigh, NC *Contact:* Salah M. Bedair, North Carolina State Univ, Dept of Elec and Computer Eng, Raleigh, NC 27695-7911

4-5 High-Power Microwave Generation Tampa, FL *Contact:* Igor Alexeff, Univ of Tennessee, Electrical and Computer Eng, Knoxville, TN 37996-2100

● **5-7 Mtg of Amer Assoc of Variable Star Observers and CCD Wksp** Columbus, OH *Contact:* Janet Mattei, AAVSO, 25 Birch St, Cambridge, MA 02138

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CALENDAR

5-9 Differential Geometry Methods in Theor Phys Tianjin, China *Contact:* M. L. Ge, Nankai Inst of Mathematics, Weijin Rd, Tianjin 300071, China

7-11 180th Mtg of AAS Columbus, OH *Contact:* AAS

7-12 Laser Adv Materials Processing Nagaoka City, Japan *Contact:* Tomoo Fujioka, Inst of Laser Tech/Japan, 2-5-5-1 Tomioka Koutou-ku, Tokyo 135, Japan

7-12 Ann Mtg of ANS Boston, MA *Contact:* ANS

7-19 NATO ASI Sum Sch: High Density Digital Recording Castelvécchio Pascoli, Italy *Contact:* Gary J. Long [Tel. (314) 341-4438] Dept of Chem, Univ of Missouri, Rolla, MO 65401

● **8-12 Multiphoton Processes** New London, NH *Contact:* Gordon Rsch Conf

● **8-12 Fractals** Plymouth, NH *Contact:* Gordon Rsch Conf

● **8-12 Photoacoustic and Photothermal Phenomena** New London, NH *Contact:* Gordon Rsch Conf

8-12 Crystal Growth and Epitaxy Davos, Switzerland *Contact:* Josip Hendeković, ESF, 1 quai Lezay-Marnésia, F-67080 Strasbourg Cedex, France

8-12 Adv Infrared Tech Ann Arbor, MI *Contact:* Eng Conf, 300 Chrysler Ctr, North Campus, Univ of Michigan, Ann Arbor, MI 48109-2092

8-12 Cryogenic Eng Conf and Cryogenic Materials Conf Kiev, Ukraine *Contact:* E. W. Collings, Battelle, 505 King Ave, Columbus, OH 43201-2693

8-12 Mtg on Nonlinear Dynamics of Opt Sys Alpach, Austria *Contact:* OSA

8-12 Polymer Microscopy Ann Arbor, MI *Contact:* Eng Conf, 300 Chrysler Ctr, North Campus, Univ of Michigan, Ann Arbor, MI 48109-2092

8-12 Wide-Band-Gap Semiconductors Trieste, Italy *Contact:* C. G. van de Walle, Xerox PARC, 3333 Coyote Hill Rd, Palo Alto, CA 94304

● **8-13 Continuum Models for the Microstructure of Crystals** Edinburgh, Scotland *Contact:* Nick Firoozzye, Dept of Mathematics, Heriot-Watt Univ, Riccarton, Edinburgh, EH14 4AS, Scotland

● **8-19 Wksp on Dynamical Sys** Trieste, Italy *Contact:* ICTP

8-26 Convection in Astrophys Aspen, CO *Contact:* Sudip Chakravarty [Tel. (213) 825-4974] Dept of Phys, Univ of California, 405 Hilgard Ave, Los Angeles, CA 90024-1547

9-12 Precision Electromagnetic Measurements Paris, France *Contact:* Ginette Bonami, SEE, 48 rue de la Procession, F-75724, Paris, Cedex 15, France

10-12 Opt Fabrication, Testing and Surface Evaluation Tokyo, Japan *Contact:* SPIE

10-12 Symp on Applied Surface Analysis Ann Arbor, MI *Contact:* Stephen Gaarenstroom [Tel. (313) 986-0835] General Motors Rsch Lab, 30500 Mound Rd, Box 9055, Warren, MI 48090-9055

13-18 Natl Solar Energy Conf Cocoa Beach, FL *Contact:* Amer Solar Energy Soc, 2400 Central Ave, Ste G-1, Boulder, CO 80301

14-17 Canadian Assoc of Physicists Cong Windsor, Canada *Contact:* G. W. F.

Drake, Dept of Phys, Univ of Windsor, Windsor, Ontario N9B 3P4, Canada

14-17 Conf for Environmental Pollution Control Washington, DC *Contact:* Michele Voso [Tel. (212) 705-7148] ASME, 345 E 47th St, New York, NY 10017

14-19 Intl Quantum Electronics Conf Vienna, Austria *Contact:* Conf Secretariat [Tel. (43)(1) 587-6044] ICOS Cong Organization Service, Schleifmuhlgasse 1/14, A-1040 Vienna, Austria

14-26 Using New Tech to Teach Phys Colorado Springs, CO *Contact:* AAPT In-

structional Ctr, Phys Dept, Univ of Nebraska, Lincoln, NE 68588-0147

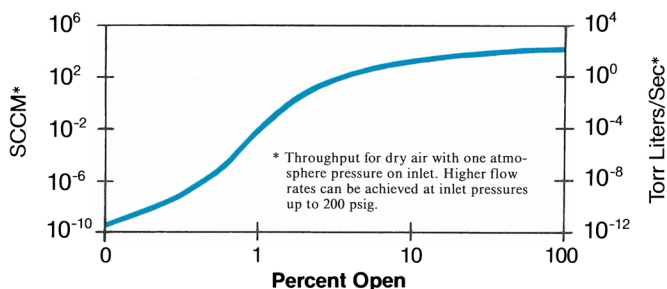
15-17 New Aspects of Magellanic Cloud Rsch Heidelberg, Germany *Contact:* Bodo Baschek, Inst für Theoretische Astrophysik der Univ Heidelberg, Im Neuenheimer Feld 561, D-6900 Heidelberg 1, Germany

● **15-19 Diamond Synthesis** Plymouth, NH *Contact:* Gordon Rsch Conf

● **15-19 Tribology** Plymouth, NH *Contact:* Gordon Rsch Conf

● **15-19 Physical Metallurgy** Plymouth, NH *Contact:* Gordon Rsch Conf

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- **15-19 Nuclear Chem** New London, NH
Contact: Gordon Rsch Conf Note revised contact
- 15-19 Domain and Decomposition Methods in Sci and Eng** Como, Italy
Contact: Centro di Cultura Scientifica Volta, Villa Olmo, 22100 Como, Italy
- 15-19 Symp on Quantum Fluids and Solids** University Park, PA Contact: Paul Sokol [Tel. (814) 863-0528] Dept of Phys, Pennsylvania State Univ, Univ Park, PA 16802
- **15-31 Sum Sch in High-Energy Phys and Cosmology** Trieste, Italy Contact: ICTP
- **15-10 Strongly Correlated Electron Sys** Trieste, Italy Contact: ICTP
- **16-19 Astronomical Infrared Spectroscopy** Calgary, Canada Contact: S. Kwok, Dept of Phys and Astron, Univ of Calgary, AB, Canada T2N 1N4
- **17-19 Plasma Etching** Washington, DC Contact: Univ Consortium for Continuing Education
- 17-20 Intl Conf on Computers and Learning** Wolfville, Canada Contact: Ivan Tomek, Jodrey Sch of Computer Sci, Acadia Univ, Wolfville, Nova Scotia, Canada B0P 1X0
- **17-30 Mount Wilson Sum Prog for Undergraduates** Mount Wilson, CA Contact: Joseph Snider, Dept of Phys, Oberlin College, Oberlin, OH 44074
- **18-20 Sci, Mathematics and Macintosh Conf** Santa Barbara, CA Contact: SEM Dept, UCSB Extension, 6550 Hollister Ave, Santa Barbara, CA 93117
- 20-25 Ann Mtg of Astronomical Soc of the Pacific** Madison, WI Contact: Wisconsin Mtg Info, ASP, 390 Ashton Ave, San Francisco, CA 94112
- 20-26 Concepts of Magnetic Resonance** Kiawah Island, SC Contact: G. Allan Johnson, Course Coordinator, Dept of Radiology, Box 3302, Duke Univ Med Ctr, Durham, NC 27710
- 20-30 Particle Astrophysics and Cosmology** Erice, Italy Contact: John Wefel, Dept of Phys and Astron, LSU, Baton Rouge, LA 70803-4001
- **21-28 String Quantum Gravity and Phys at the Planck Energy Scale** Erice, Italy Contact: N. Sanchez, Observatoire de Paris, Section d'Astrophysique de Meudon, Demirm, 5, Place Jules Janssen, 92195 Meudon Principal Cedex, France
- **22-24 Impact of Space Rsch on Astron** Liege, Belgium Contact: J.-P. Swings, Univ de Liege, Inst d'Astrophys, Ave de Cointe 5, B-4000 Liege, Belgium
- **22-26 Advances in Stellar and Solar Coronal Phys** Palermo, Italy Contact: S. Serio, Palermo Astronomical Observatory, Palermo, Italy
- **22-26 Diffraction Methods in Molecular Bio** Andover, NH Contact: Gordon Rsch Conf
- **22-26 Energetic Materials** New Hampton, NH Contact: Gordon Rsch Conf
- **22-26 Rsch at High Pressure** Meriden, NH Contact: Gordon Rsch Conf
- **22-26 Solid-State Ionics** New London, NH Contact: Gordon Rsch Conf
- 22-26 Adv Tech in Particle Phys** Como, Italy Contact: Centro di Cultura Scientifica Volta, Villa Olmo, 22100 Como, Italy
- 22-26 Environmental Sensing Symp** Berlin, Germany Contact: SPIE
- **22 Jun-11 Sep Rsch Wksp on Condensed Matter, Atomic and Molecular Phys** Trieste, Italy Contact: ICTP
- 23-25 Intl Power Modulator Symp** Myrtle Beach, SC Contact: IEEE Service Ctr, 445 Hoes Lane, PO Box 1331, Piscataway, NJ 08855-1331
- 23-25 Imaging Conf and Exposition** Washington, DC Contact: AFCEA Exhibits Dept [Tel. (703) 631-6200] 4400 Fair Lakes Court, Fairfax, VA 22033
- **23-26 Clusters and Fullerenes** Trieste, Italy Contact: ICTP
- 23-27 Conf on Adv Materials and Processing** Hangzhou, China Contact: PRICM-1 Secretariat, Chinese Soc of Metals, 46 Dongsixi Dajie, Beijing 100711, China
- **24-26 Observations and Physical Properties of Small Solar Sys Bodies** Liege, Belgium Contact: J. Surdej, Univ de Liege, Inst d'Astrophys, Ave de Cointe 5, B-4000 Liege, Belgium
- 24-26 Opt Amplifiers and Applications** Santa Fe, NM Contact: OSA
- 24-27 Mtg on History of Particle Phys** Stanford, CA Contact: Nina Adleman Stolar, SLAC, MS 70, PO Box 4349, Stanford, CA 94309
- **25-9 Sum College on Phys and Contemporary Needs** Nathiagali, Pakistan Contact: Scientific Secretary, Nathiagali Sum College, Pakistan Atomic Energy Comm, PO Box 1114, Islamabad, Pakistan
- 28-2 Opt Computing** Minsk, Byelorussia Contact: SPIE
- 28-4 Intl Conf in General Relativity and Gravitation** Córdoba, Argentina Contact: Local Organizing Committee [Tel. (54)(51) 40802] FAMAF, Univ of Córdoba, Laprida 854, 5000 Córdoba, Argentina
- 28-10 Third-Generation Soft X-Ray Synchrotron Radiation Sources** Maratea, Italy Contact: Alfred Schlachter, MS 46-161, Univ of California, LBL, One Cyclotron Rd, Berkeley, CA 94720
- 29-1 MSATT Wksp on the Evolution of the Martian Atmosphere** Kona, HI Contact: Prog Services Dept, LPI, PO Box 58407, Houston, TX 77258
- 29-2 Small Satellite Sys and Services** Arachon, France Contact: Claude Salmon [Tel. (33) 61 32 66 99] 18 Ave E Belin, 31055 Toulouse Cedex, France
- **29-3 Polymers** Wolfeboro, NH Contact: Gordon Rsch Conf
- **29-3 Opt Phenomena in Glass** Tilton, NH Contact: Gordon Rsch Conf Note revised contact
- 29-3 Intl Conf on Plasma Phys** Innsbruck, Austria Contact: W. Freysinger, Inst für Ionenphysik, Univ Innsbruck, Technikerstr 25, A-6020 Innsbruck, Austria
- 29-3 Perspectives in Modern Spectroscopy** Norwich, UK Contact: D. L. Andrews, Sch of Chem Sci, Univ of East Anglia, Norwich NR4 7TJ, UK
- 29-3 Conf on Solid Films and Surfaces** Paris, France Contact: J. Lecante [Fax: (33)(1)64 46 41 02] LURE-Bât 209 D, Univ Paris-Sud, 91405 Orsay Cedex, France
- 29-5 Intl Colloq on Group-Theoretical Methods in Phys** Salamanca, Spain Contact: Luis J. Boya [Fax: (34)(76) 567920] Dept Física Teórica, Univ of Zaragoza, 50.009 Zaragoza, Spain
- 29-7 Sci with the Hubble Space Telescope** Baia Chia, Sardinia Contact: Britt Sjöberg, Space Telescope Eur Coordinating Facility, Karl-Schwarzschild-Str 2, D-W8046 Garching, Germany
- 30-2 Adverse Environmental Impacts on Astron** Paris, France Contact: D. McNally, Univ of London Observatory, Mill Hill Park, London, NW7 2QS, UK
- 30-3 Eur Turbulence Conf** Delft, The Netherlands Contact: H. J. van der Brugge-Peeters, J. M. Burgers Centre, Delft Univ of Tech, Rotterdamseweg 145, 2628 AL Delft, The Netherlands

JULY 1992

- 5-10 Teton Sum Sch: Galaxy Evolution—Environment and Ecology** Grand Teton Natl Park, WY Contact: H. A. Thronson [Tel. (307) 766-6150] Univ of Wyoming, Dept of Phys and Astron, Laramie, WY 82071
- 5-18 Sum Sch in Nuclear Phys** Rsch Corvallis, OR Contact: Philip Siemens, OSU Phys Dept, 301 Weniger Hall, Corvallis, OR 97331-6507
- 5-1 Sum Sch on Gravitation and Quantizations** Les Houches, France Contact: J. Zinn-Justin, Ecole d'Été de Physique Théorique, F-74310 Les Houches, France
- 6-8 Double Layers and Other Nonlinear Potential Structures in Plasmas** Innsbruck, Austria Contact: Roman Schrittwieser, Inst for Ion Phys, Univ of Innsbruck, Technikerstr 25/III, A-6020 Innsbruck, Austria
- **6-10 Fundamentals of Lasers and Optics** Cambridge, MA Contact: Frederick McGarry, MIT Sum Session Office, Rm E19-356, Cambridge, MA 02139
- **6-10 Lasers in Medicine and Bio** New London, NH Contact: Gordon Rsch Conf
- **6-10 Liquid Crystal Polymers** New London, NH Contact: Gordon Rsch Conf
- **6-10 Particle-Solid Interactions** Plymouth, NH Contact: Gordon Rsch Conf
- **6-10 Radiation Chem** Newport, RI Contact: Gordon Rsch Conf
- **6-10 Nuclei in the Cosmos** Karlsruhe, Germany Contact: Franz Kaeppler, Kernforschungszentrum Karlsruhe, Inst für Kernphysik, Postfach 3640, D-7500 Karlsruhe, Germany
- 6-10 Peculiar Versus Normal Phenomena in A-Type and Related Stars** Trieste, Italy Contact: M. Hack, Dept of Astron, Trieste Univ, Via Tiepolo 11, I 34131, Trieste, Italy
- 6-10 Conf on Cyclotrons and Applications** Vancouver, Canada Contact: Maureen Iqbal, Cyclotrons '92, TRIUMF, 4004 Wesbrook Mall, Vancouver, BC, Canada V6T 2A3
- **6-16 Intl Sch of Intermediate-Energy Nuclear Phys** L'Aquila, Italy Contact: Carlo Schaerf, Dept of Phys, Univ of Rome, Tor Vergata, Via della Ricerca Scientifica 1, I-00133 Rome, Italy
- 6-17 Wksp on Nonlinear Evolution Equations and Dynamical Sys** Dubna, Russia Contact: Elena Pankova, Intl Dept,

CALENDAR

JINR, 141980 Dubna, Moscow Region, Russia

7-12 Top Mtg on Tech of Fusion Energy Boston, MA *Contact:* Stephen O. Dean [Tel. (301) 258-0545] Fusion Power Assoc, 2 Professional Dr, Ste 248, Gaithersburg, MD 20879

12-18 Nuclear and Space Radiation Effects Conf New Orleans, LA *Contact:* Mayrant Simons, Rsch Triangle Inst, PO Box 12194, Triangle Park, NC 27709

12-19 Effects of Surface Heterogeneity in Adsorption and Catalysis on Solids Kazimierz, Poland *Contact:* B. W. Wojciechowski [Tel. (613) 545-2788] Dept of Chemical Eng, Queen's Univ, Kingston, Ontario, Canada K7L 3N6

● **13-15 Variable Phenomena in Jovian Planetary Sys** Annapolis, MD *Contact:* T. Kostiuk, Code 693, NASA/Goddard Space Flight Ctr, Greenbelt, MD 20771

● **13-17 Advances in Laser Tech and Applications** Cambridge, MA *Contact:* Shaoul Ezekiel, MIT Sum Session Office, Rm E19-356, Cambridge, MA 02139

● **13-17 Electron Spectroscopy** Wolfboro, NH *Contact:* Gordon Rsch Conf

● **13-17 Magnetic Resonance in Bio and Medicine** Tilton, NH *Contact:* Gordon Rsch Conf

● **13-17 Modeling in Solar Terrestrial Phys** Plymouth, NH *Contact:* Gordon Rsch Conf

● **13-17 Chem at Interfaces** Meriden, NH *Contact:* Gordon Rsch Conf

13-17 Vacuum Microelectronics Vienna, Austria *Contact:* Johannes Mitterauer, Inst für Allgemeine Elektrotechnik und Elektronik, Technische Univ Wien, Gusshausstr 27-29, A-1040 Vienna, Austria

13-17 Particle Phys in the '90s Andover, NH *Contact:* C. M. Sazama, Fermilab, PO Box 500, Batavia, IL 60510

13-17 Planetary Nebulae Innsbruck, Austria *Contact:* A. Acker, Univ Louis Pasteur, Observatoire de Strasbourg, 11 rue de l'Université, F-69000 Strasbourg, France

13-18 Symp on Macromolecules Prague, Czechoslovakia *Contact:* PMM Secretariat, Inst of Macromolecular Chem, Czechoslovakia Academy of Sci, Heyrovského n.2, 162 06 Prague 6, Czechoslovakia

● **13-24 Dynamics of Surfaces in Non-linear Phys** Trieste, Italy *Contact:* ICTP

13-26 Globular Clusters within the Context of Their Parent Galaxies Santa Cruz, CA *Contact:* 11th Santa Cruz Sum Wksp, UCO/Lick Observatory, Univ of California, Santa Cruz, CA 95064

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 [Tel. (509) 335-3136] Prog in Astron, Washington State Univ, Pullman, WA 99164-3113

● **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 [Tel. (716) 275-4351] Dept of Phys and Astron, Univ of Rochester, Rochester, NY 14627

● **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

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

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● **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 Intl Conf on High-Energy Accelerators Hamburg, Germany *Contact:* HEACC '92 Conf Office [Tel. (49)(40) 8998-2636] DESY, Notkestr 85, D-2000 Hamburg 52, Germany

20-24 Intl Conf on 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

● **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

26-31 Symp on Rarefied-Gas Dynamics Vancouver, Canada *Contact:* B. Shizgal, Dept of Chem, Univ of British Columbia, Vancouver, BC, Canada V6T 1Z1

26-31 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 *Note revised dates and contact*

● **29-31 Fractals and Disordered Sys** Hamburg, Germany *Contact:* Armin Bunde, Inst for Theor Phys, Univ Hamburg, Jungiusstr 9, D-2000 Hamburg 36, Germany

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 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 the Sum Session, MIT, Rm E19-356, 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 Intl Conf on Phonon Scattering in Condensed Matter Ithaca, NY *Contact:* Robert O. Pohl, Phonon Scattering [Tel. (607) 255-3303] LASSP, Clark Hall, Cornell Univ, Ithaca, NY 14853-2501

3-7 Statphys 18 Berlin, Germany *Contact:* Siegfried Hess [Tel. (49)(30) 314-2 37 63] 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 Intl Conf on 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

6-10 Wksp on Slow-Positron Beam Techniques for Solids and Surfaces Jackson, WY *Contact:* Eric H. Ottewill [Tel. (208) 526-1751] 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, ICHEP Conf Chairman, c/o SSC Lab, 2550 Beckleymeade Ave, MS-5555, Dallas, TX 75237-3997

● **8-9 Exploration of the Sun** Dnepropetrovsk, Ukraine *Contact:* US-ISO Assoc, 600 Maryland Ave, SW, Ste 600, Washington, DC 20024

8-13 ACA Ann Mtg Pittsburgh, PA *Contact:* ACA [Tel. (716) 856-9600] Box 96, Ellicott Station, Buffalo, NY 14205

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 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 *Note revised contact*

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 Structure 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'Été de Physique Théorique, F-74310 Les Houches, France

12-19 Wksp on Physical Acoustics Nanjing, China *Contact:* T. H. Wang [Fax: (86) (25) 307965] Acoustics Inst, Nanjing Univ, Nanjing 210008, China

16-21 Atomic and Nanoscale Modification of Materials Ventura, CA *Contact:* Eng Foundation

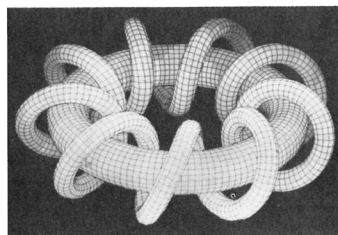
16-22 Conf on Crystal Growth San Diego, CA *Contact:* C. D. Brandle, AT&T Bell Labs, 600 Mountain Ave, 7C-403, Murray Hill, NJ 07974

16-4 NATO ASI on Quantitative Microbeam Analysis Dundee, Scotland *Contact:* A. O. Tooke, Dept of Applied

CALENDAR

- Phys, Univ of Dundee, Dundee DD1 4HN, Scotland
- **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 *Note revised dates, contact*
 - 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
 - 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
 - 23-27 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 [Tel. (708) 972-5525] Bldg 223, Argonne Natl Lab, Argonne, IL 60439
 - 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 [Tel. (313) 764-7222] Dept of Atmospheric, Oceanic and Space Sci, Space Phys Rsch Lab, Ann Arbor, MI 48109-2143
 - 24-28 Joint Varenna-Lausanne Intl Wksp on Theory of Fusion Plasmas** Varenna, Italy *Contact:* E. Sindoni [Fax: (39)(2) 2392205] 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
 - 27-29 Progress in Telescope and Instrumentation Techniques** Garching, Germany *Contact:* G. Ai, Beijing Astron Observatory, Western District, Beijing, China
 - **28-5 World Space Cong** Washington, DC *Contact:* COSPAR, Amer Inst of Aeronautics and Astronautics, 370 l'Enfant Promenade, SW, Washington, DC 20024-2518 *Note revised dates*
 - 30-3 Extended Defects in Semiconductors** Dresden, Germany *Contact:* Josip Hendeković, ESF, 1 quai Lezay-Marnésia, F-67080 Strasbourg Cedex, France
 - 30-4 AAPM Sum Sch: Phys of mri** Banff, Canada *Contact:* AAPM
 - 30-11 NATO ASI on Ultrashort Processes in Condensed Matter II** Ciocco, Italy *Contact:* W. E. Bron [Tel. (714) 856-4345] Dept of Phys, Univ of California, Irvine, CA 92717
 - **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:* Josip Hendeković, ESF, 1 quai Lezay-Marnésia, F-67080 Strasbourg Cedex, France
 - 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]
 - 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, Demim, 5, Place Jules Janssen, 92195 Meudon Principal Cedex, France
 - 6-13 Cosmic Dynamo** Potsdam, Germany *Contact:* F. Krause, Zentralinst für Astrophysik, Rosa-Luxemburg-Str 17a, Potsdam, Germany
 - 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

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- 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 (Físicas), 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 Introductory Phys Education in the Univ** Hiratsuka City, Japan *Contact:* Yasuhiko Tsuruoka, Phys Dept, Tokai Univ, Shonan Campus, Hiratsuka City, Kanagawa, Japan
- 8-11 OE/Fibers** Boston, MA *Contact:* SPIE
- **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
- **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 *Note revised dates*
- 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 [Tel. (39)(6) 9400-5415] ENEA, Fusion Dept, CP 65, I-00044 Frascati, Italy
- **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
- 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 [Tel. (312) 702-3177] ISSPIC 6, Dept of Chem, Univ of Chicago, 5735 S Ellis Ave, Chicago, IL 60637
- 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 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 Física, UNAM, AP 20-364, CP 01000 México, 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, Canada V8W 3P6
- 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 [Fax: (30)(81) 239735] GCL Symp Chairman, 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
- **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 Coll on Methods and Experimental Techniques in Biophys** Trieste, Italy *Contact:* ICTP

OCTOBER 1992

- **4-9 Molecular and Ionic Clusters** Irsee, Germany *Contact:* Gordon Rsch Conf
- **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, Minamiku, Nagano 384-13, Japan
- **5-30 Microprocessor-Based Real-Time Control: Principles and Applications in Phys** Trieste, Italy *Contact:* ICTP
- **11-16 Mtg of AAS Div for Planetary Sci** Munich, Germany *Contact:* AAS *Note revised date*
- **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 Ingeniería, 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 *Note revised contact*
- 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 *Note revised contact, title*
- 18-23 Applications and Fabrication of Nanostructures** Kona, HI *Contact:* Eng Foundation
- **19-23 Phenomenology of Particle Phys** Trieste, Italy *Contact:* ICTP
- 19-23 Visualization '92** Boston, MA

CALENDAR

Contact: IEEE Computer Soc Conf Dept, 1730 Massachusetts Ave NW, Washington, DC 20036-1903

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 Molecular-Based Magnetic Materials Shuzenji, Japan Contact: H. Iwamura, Faculty of Sci, Univ of Tokyo, Bunkyo-ku, Tokyo 113, Japan

● **26-29 Oceans '92** Newport, RI Contact: Leslie Prewitt, 655 15th St, NW, Ste 300, Washington, DC 20005

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

2-5 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

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

9-12 Space Simulation Conf Baltimore, MD Contact: Inst for Environmental Sci, 940 E Northwest Highway, Mt Prospect, IL 60056

● **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, Ba-

kish 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 Optcon '92 Boston, MA Contact: OSA

15-20 Winter Mtg of ANS Chicago, IL Contact: ANS

16-18 Visual Communications and Image Processing Boston, MA Contact: SPIE

● **16-20 Latin Amer Symp on Fluid Dynamics and Applications** Guanajuato, Mexico Contact: Ramón Peralta-Fabi, Dept de Física, Facultad de Ciencias, UNAM, A 70-543, 04510, México, DF

● **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

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 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

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

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

● **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

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

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

● **15-18 Optoelectronics in Computers, Communications and Control** Hsinchu, Taiwan Contact: SPIE

JANUARY 1993

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

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

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

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

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

MARCH 1993

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

APRIL 1993

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

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

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 Lee-mann, CEBAF, 12000 Jefferson Ave, Newport News, VA 23606

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

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

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

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