CALENDAR

JULY 1990

- 11–13 Light and Color in the Open Air Washington, DC Contact: OSA [Tel. (202) 223-8130] 1816 Jefferson Pl NW, Washington, DC 20036
 - 13–18 102nd Ann Mtg of Astron Soc of the Pacific Boston, MA See issue: 3/90
 - 15-20 8th Amer Conf on Crystal Growth Vail, CO See issue: 5/90
 - 15–20 Review of Progress in Quantitative Nondestructive Evaluation La Jolla, CA See issue: 5/90
 - 16-20 Tribology—Friction, Lubrication and Wear Ann Arbor, MI See issue: 5/90
 - **16–20 Technical Writing Skills and Computer-Based Writing Tools** Ann Arbor, MI *See issue*: 5/90
 - 16–20 Gordon Rsch Conf on Fundamental Interaction of Water with Solid Surfaces Meriden, NH See issue: 5/90
 - 16–20 Gordon Rsch Conf on Magnetic Resonance in Bio and Medicine Tilton, NH See issue: 5/90
 - **16–20 Gordon Rsch Conf on Electron Spectroscopy** Wolfeboro, NH *See issue*: 5/90
 - 16-20 Gordon Rsch Conf on Polymer Phys Newport, RI See issue: 5/90
 - 16–20 AAPM Summer School on Advances in Radiation Oncology Phys Lawrence, KS See issue: 3/90
 - 16–20 Nuclear and Space Radiation Effects Conf Reno, NV See issue: 1/90
 - **16–20** Intl Conf on Luminescence Lisbon, Portugal See issue: 9/89
 - **16–20 Nonlinear Optics** Kauai, HI *See issue*: 9/89
 - 16–26 Intl School of Intermediate Energy Nuclear Phys 7th Course l'Aquila, Italy See issue: 9/89
 - 16-27 18th Ann SLAC Summer Inst on Particle Phys: Gauge Bosons and Heavy Quarks Palo Alto, CA See issue: 3/90
 - 17–20 The Sun and Cool Stars: Activity, Magnetism, Dynamos Helsinki, Finland See issue: 9/89
 - 19-28 IUCr 15th Genl Assem and Intl Cong Bordeaux, France See issue: 3/89
 - 21–25 Western Pacific Geophys Mtg Kanazawa, Japan See issue: 5/90
 - 22–26 Ann Mtg AAPM St. Louis, MO See issue: 9/89
 - **22–27 13th Intl Liquid Crystal Conf** Vancouver, BC, Canada *See issue*: 9/89 **22–27 45th Calorimetry Conf** Ann Ar-
 - bor, MI See issue: 11/89
 22-2 NATO Adv Study Inst on Dia-
 - mond and Diamond-like Films Castelvecchio Pascoli, Italy See issue: 11/89
 - 23-25 3rd Intl Vacuum Microelectronics Conf Monterey, CA See issue: 5/90
 - **23–26** Conf on Advances In Cementitious Materials Gaithersburg, MD See issue: 3/90
 - 23–27 Non-Ionizing Radiations: Health Phys and Radiation Protection Cambridge, MA See issue: 5/90

- 23–27 Gordon Rsch Conf on High-Temp Chem Meriden, NH See issue: 5/ 90
- 23–27 Gordon Rsch Conf on Dielectric Phenomena Plymouth, NH See issue: 5/90
- 23–27 30th Ann Course in Applied Molecular Spectroscopy in the Infrared Tempe, AZ See issue: 5/90
- 23-27 5th Intl Conf on Scanning Tunneling Microscopy/Spectroscopy and 1st Intl Conf on Nanometer-Scale Sci and Tech Baltimore, MD See issue: 1/90
- **24–26 Conf on Polymer Blends** Cambridge, UK *See issue*: 9/89
- 24–27 Intl Colloq on Surface Inhomogeneities on Late-Type Stars Armagh, Northern Ireland See issue: 3/90
- 24–28 1st European Mtg of the Amer Assoc of Variable Star Observers Brussels, Belgium See issue: 11/89
- 25–27 Chautauqua Course on Teaching Elementary Astron Honolulu and Hilo, HI See issue: 5/90
- 26-5 Course on Cosmic Rays, Supernovae and the Interstellar Medium Erice, Sicily, Italy See issue: 5/90
- 27-6 Intl School on Disarmament and Rsch on Conflicts 13th Summer Course l'Aquila, Italy See issue: 9/89
- 29–2 13th Intl EPR Symp Denver, CO See issue: 1/90
- 29–3 Los Alamos Wksp on Space Phys and Astrophys: Gamma-Ray Bursts Taos, NM Contact: Richard Epstein [Tel.

Theoretical Physics

- (505) 667-9595] MSD436, Los Alamos Natl Lab, Los Alamos, NM 87545
- 29–3 7th Amer Conf on Theor Chem San Diego, CA Contact: William A. Goddard III [Tel. (818) 356-6544] Dept of Chem, Mail Code 127-72, California Inst of Tech, Pasadena, CA 91125
 - **29–3 37th Intl Field Emission Symp** Albuquerque, NM *See issue:* 3/90
 - 29-5 Sum Sch on Crystallographic Computing Strasbourg See issue: 3/89
 - 29–18 Summer Course of NATO Adv Study Inst: Pattern Recognition and Image Processing in Phys Dundee, Scotland See issue: 3/90
 - 30–1 Topical Conf on Rsch Trends in Superconductivity La Jolla, CA See issue: 3/90
 - **30–1 Conf on Polycrystalline Semiconductors** Schwäbisch Hall, FRG *See issue*: 3/90
 - 30–2 8th Intl Conf on Ion Implantation Tech Guildford, UK See issue: 11/89
 - 30–3 10th Ann Wksp on Maximum Entropy and Bayesian Methods Laramie, WY See issue: 3/90
 - 30–3 5th Intl Conf on the Phys of Electro-Optic Microstructures and Microdevices Crete, Greece See issue: 11/89
 - 30–3 12th Intl Conf on Atomic Phys Ann Arbor, MI See issue: 9/89
 - **30–3** Gordon Rsch Conf on Physical Electro-Chem New London, NH See issue: 5/90

Please note: Complete information is given only for new listings (marked ●) or for newly revised listings (marked Φ). All items previously listed indicate the issue of PHYSICS TODAY that carries the complete listing. The complete listings are coded as follows:

date title location [sponsor] contact [abstract deadline]

§ 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	IEEE	Institute of Electrical and Electronics
	Advancement of Science		Engineers
AAPM	American Association of Physicists	IOP	Institute of Physics (London)
	in Medicine	IUPAC	International Union of Pure and
AAPT	American Association of Physics		Applied Chemistry
	Teachers	IUPAP	International Union of Pure and
AAS	American Astronomical Society		Applied Physics
ACA	American Crystallographic Association	LBL	Lawrence Berkeley Laboratory
AGU	American Geophysical Union	LLNL	Lawrence Livermore National
ANS	American Nuclear Society		Laboratory
APS	American Physical Society	MRS	Materials Research Society
ASA	Acoustical Society of America	NAS	National Academy of Sciences
AVS	American Vacuum Society	NIST	National Institute of Standards and
			Technology
BNL	Brookhaven National Laboratory	NRC	Nuclear Regulatory Commission
CNRS	Centre National de la Recherche	NRL	Naval Research Laboratory
	Scientifique	NSF	National Science Foundation
DOE	Department of Energy	ORNL	Oak Ridge National Laboratory
DPG	Deutsche Physikalische Gesellschaft	OSA	Optical Society of America
EPS	European Physical Society	S of R	Society of Rheology
IAEA	International Atomic Energy Agency	SPIE	International Society for
IAU	International Astronomical Union		Optical Engineering
ICTP	International Centre for	SPS	Society of Physics Students

30-3 Gordon Rsch Conf on Electronic Processes in Organic Materials Plymouth, NH See issue: 5/90

30-3 Gordon Rsch Conf on Modeling in Solar and Terrestrial Phys Plymouth, NH See issue: 5/90

30-3 Gordon Rsch Conf on Atomic and Molecular Interactions Newport, RI See issue: 5/90

30-3 Short Course on Modern Infrared Detectors and System Apps Santa Barbara, CA See issue: 5/90

30-3 Course on Microsensors and

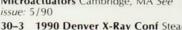
Microactuators Cambridge, MA See

30-3 1990 Denver X-Ray Conf Steamboat Springs, CO See issue: 5/90

30-10 Summer Nuclear Inst at TRIUMF Vancouver, Canada See issue: 5/90

• 31-1 Supernovae Les Houches, France Contact: J. Audouze, Institut d'Astrophysique de Paris, 98 bis Bd. Arago, 75014 Paris, France

31-2 4th Intl Conf on Shallow Impurities in Semiconductors London, UK See issue: 3/90



● 2-3 Optogalvanic Spectroscopy and Complementary Spectroscopies Glasgow, Scotland Contact: Robbie Stewart [Tel. (041) 552-4400] Dept of Phys and Appl Phys, John Anderson Bldg, Glasgow,

AUGUST 1990

G4 ONG, Scotland 2-8 25th Intl Conf on High Energy Phys Singapore See issue: 9/89

5-8 15th Cong of the Intl Commission for Optics: Optics in Complex Sys Garmisch-Partenkirchen, Bavaria, FRG See issue: 9/89

5-18 Intl Summer School on the Structure of Hadrons and Hadronic Matter Dronten, The Netherlands See issue: 11/89

6-7 Wksp on Data Structures and Access Software for Scientific Visualization Dallas, TX Contact: Lloyd Treinish [Fax: (914) 784-5077] IBM Watson Rsch Ctr, PO Box 704, Yorktown Heights, NY

6-7 Summer Course on Optical System Specification and Design Rochester, NY See issue: 5/90

6-8 Topical Mtg on Optical Amplifiers Monterey, CA Contact: OSA [Tel. (202) 223-8130] 1816 Jefferson Pl NW, Washington, DC 20036

6-10 Gordon Rsch Conf on Ion Channels New London, NH See issue: 5/90

6-10 Gordon Rsch Conf on Vibrational Spectroscopy Wolfeboro, NH See issue: 5/90

6-10 Gordon Rsch Conf on Fractals Plymouth, NH See issue: 5/90

6-10 Gordon Rsch Conf on Photonuclear Reactions Tilton, NH See issue: 3/

6-10 Summer Course in Hadron Spectroscopy College Park, MD See issue: 11/

8-10 Speciality Polymers '90 Baltimore, MD See issue: 9/89

12-16 Intl Conf on Optics in Life Sci Garmisch-Partenkirchen, FRG See issue:

12-17 Gordon Conf on Dynamics of Simple (Few-Body) Systems in Chem and Phys Landover, NH See issue: 11/89

13-17 Gordon Rsch Conf on Order/ Disorder in Solids New London, NH See issue: 5/90

13-17 Gordon Rsch Conf on Solid-State Studies in Ceramics Meriden, NH See issue: 5/90

13-17 Gordon Rsch Conf on Dynamics of Simple Systems Andover, NH See issue: 5/90

13-17 Gordon Rsch Conf on Modeling of Flow in Permeable Media Plymouth, NH See issue: 5/90

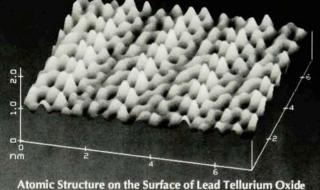
13-17 Intl Conf on Solid Films and Surfaces Providence, RI See issue: 11/89

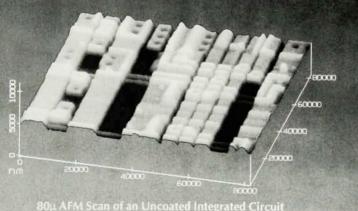
13-17 5th Intl Conf on Hadronic Mechanics and Nonpotential Interactions Cedar Falls, IA See issue: 9/89

16-22 19th Intl Conf on Low Temperature Phys Brighton, Sussex, UK See issue: 3/89

17-22 Intl Conf on the Chem of Electronic Ceramic Materials Jackson, WY Contact: Robert Roth [Tel. (301) 975-







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CALENDAR

- 6116] B126 Materials Bldg, NIST, Gaithersburg, MD 20899
- 3 20-24 15th Intl Conf on Electric Contacts/IEEE-Holm Conf on Electrical Contacts Montreal, Canada Contact: Holm Conf Registrar [Tel. (201) 562-3863] IEEE, 445 Hoes Ln, Piscataway, NJ 08855 [1 Nov 89] Note revised title and contact
 - 20-24 Symp on Fluid Mech of Stirring and Mixing La Jolla, CA See issue: 9/89
 - 21-25 Western Pacific Geophys Mtg Kanazara, Japan See issue: 11/89
- 23-26 21st Sierra Conf on Astrophys lackson Meadow Reservoir, CA Contact: Peter McCullough [Tel. (415) 643-8169] Univ of California at Berkeley, Astron Dept, 601 Campbell Hall, Berkeley, CA 94720
- 26-31 Intl Symp on the 50th Anniversary of the Discovery of Trans-Uranium Elements Washington, DC Contact: Lester R. Morss [Tel. (708) 972-3667] Argonne Natl Lab, Chem Div, 9700 S Cass Ave, Argonne, IL 60439
 - 27-30 IAU Colloq 126: Origin and Evolution of Interplanetary Dust Kyoto, Japan See issue: 1/90
 - 27-31 6th Intl Conf on Molecular Beam Epitaxy La Jolla, CA See issue: 1/
 - 27-31 6th Trieste Semiconductor Symp—Hydrogen in Semiconductors: Bulk and Surface Properties Trieste, Italy See issue: 9/89
 - 27-31 Joint Varenna-Lausanne Intl Wksp on Theory of Fusion Plasmas Varenna, Italy See issue: 3/89
 - 27-31 IAU Symp 145: Evolution of Stars-the Photospheric-Abundance Connection Druzba, Bulgaria See issue: 5/90
 - 27-7 Working Party on Electro-Chem: Condensed Matter Aspects Trieste, Italy See issue: 5/90
- 28-31 Correlation and Spectral Analysis Los Angeles, CA Contact: [Tel. (818) 995-6335] Univ Consortium for Continuing Ed, 16161 Ventura Blvd, M/S C-752, Encino, CA 91436
 - 28-5 XXIII Genl Assem of the Intl Union of Radio Sci Prague, Czechoslovakia See issue: 3/89
- 29–31 Microwave Circuit Design Palo Alto, CA Contact: [Tel. (818) 995-6335] Univ Consortium for Continuing Ed, 16161 Ventura Blvd, M/S C-752, Encino, CA 91436

SEPTEMBER 1990

- 2-7 Intl Symp on Metal-Hydrogen Systems Banff, Alberta, Canada See issue:
- 3-5 Symp on Instrumentation for Color Measurement Berlin, FRG See issue: 5/90
- Chapman Conf on Magnetospheric Substorms Hakone, Japan See issue:
- 1st Intl Conf on F-Elements Leuven, Belgium See issue: 9/89
- 6th Europhysics Top Conf: Lattice Defects in Ionic Materials Groningen, The Netherlands See issue: 9/89
- 3-14 Neutron Stars: An Interdisciplinary Field Crete, Greece See issue: 5/90

- 3-14 NATO Adv Study Inst: Neutron Stars-An Interdisciplinary Field Crete, Greece Contact: J. E. Ventura, Univ of Crete, Dept of Phys, Heraklion, Crete, Greece
 - 4-6 Morphological and Physical Classification of Normal Galaxies Sant'Agata, Italy See issue: 5/90
 - 4-8 8th Genl Conf of the Eur Phys Soc Amsterdam, The Netherlands See issue: 3/
 - Thermal Stability and Flammability of Polymers and Composites Glasgow, UK See issue: 3/90
- Conf on Analysis by Ion-Beam and Surface-Specific Techniques Namur, Belgium See issue: 1/90
- 5-12 Intl Wksp of Plasma Phys on Controlled Active Global Exper Varenna, Italy See issue: 11/89
- 6-8 Pittsburgh Wksp on Soft Lepton Pair and Photon Production Pittsburgh, PA Contact: Julia A. Thompson [Tel. (412) 624-9060] Dept of Phys and Astron, Univ of Pittsburgh, Pittsburgh, PA 15260
 - 9-14 Congress Ampère on Magnetic Resonance Stuttgart, FRG See issue: 3/90
 - 9-14 7th Intl Conf on Ion Beam Modi-

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fication of Materials Knoxville, TN See issue: 11/89

9–14 8th Intl Conf on Atomic Masses and Fundamental Constants Jerusalem, Israel See issue: 9/89

- 10–12 Spatial Light Modulators and Apps Topical Mtg Inclince Village, NV Contact: OSA [Tel. (202) 223-8130] 1816 Jefferson Pl NW, Washington, DC 20036
- 10–13 2nd World Cong on Superconductivity Houston, TX Contact: Calvin Burnham [Tel. (713) 895-2500] PO Box 27805, Houston, TX 77227-7805

10–13 Wksp on Surface and Interface Characterization with High Spatial Resolution York, England See issue: 5/90

10–13 Europhys Conf on Computational Phys (2nd Intl Computational Phys Conf) Amsterdam, The Netherlands See issue: 9/89

10–13 Eur Solid-State Device Res Conf Nottingham, UK See issue: 9/89

 10–14 Short Course on Modern Surface Spectroscopy Techniques Austin, TX Contact: [Tel. (512) 471-3506] College of Eng, the Univ of Texas at Austin, Austin, TX 78712

10-14 5th Intl Symp on Small Particles and Inorganic Clusters Konstanz, FRG See issue: 1/90

10-14 6th Intl Conf on Vibrations at Surfaces Upton, NY See issue: 11/89

10–14 8th Intl Symp on Gas Flow and Chemical Lasers Madrid, Spain See issue: 9/89

10-20 NATO Adv Study Inst on Apps of Metallic and Ceramic Superconductivity Fort Collins, CO See issue: 9/89

 11–12 6th Biennial Symp on Optical-Fiber Measurements Boulder, CO Contact: Douglas L. Franzen [Tel. (303) 497-3346] NIST (724.02), 325 Broadway, Boulder, CO 80303-3318 [31 May 90]

11–12 Wksp on High-Density Plasma Techniques and Processes for Integrated-Circuit Fabrication Burlingame, CA See issue: 5/90

- 11–14 2nd Intl Symp on Gas Transfer at Water Surfaces Minneapolis, MN Contact: Lori Graven [Tel. (612) 625-9023] Dept of Professional Development, 217 Nolte Ctr, 315 Pillsbury Dr SE, Univ of Minnesota, Minneapolis, MN 55455
- 16–19 6th Interdisciplinary Laser Sci Conf Minneapolis, MN Contact: Michael Scanlon [Tel. (212) 682-7341] APS, 335 E 45th St, New York, NY 10017 [11 May 1990] Note revised dates

16-21 5th Intl Symp on Resonance Ionization Spectroscopy and Its Apps Varese, Italy See issue: 1/90

16–21 OE/Fibers 90 San Jose, CA *See issue:* 9/89

17-19 Intl Conf on Electronic Materials Newark, NJ See issue: 11/89

17–21 Intl Conf on High-Spin Phys and Gamma-Soft Nuclei Pittsburgh, PA See issue: 5/90

17–21 12th Intl Free-Electron Laser Conf Paris, France See issue: 3/90

- 17–21 53rd Ann Mtg of the Meteoritical Soc Perth, Australia Contact: Alex Bevan [Tel. (09) 427-2752] Dept of Earth and Planetary Sciences, Western Australian Museum, Francis St, Perth, Western Australia 6000
- 17–22 ESO/EIPC Wksp on SN1987A and Other Supernovae Isola d'Elba, Italy Contact: John Danziger, ESO, Karl-Schwarzschild-Str. 2, D-8046, Garching bei Munchen, FRG

18-20 4th Ann Conf on Superconductivity and Apps Buffalo, NY See issue: 5/90

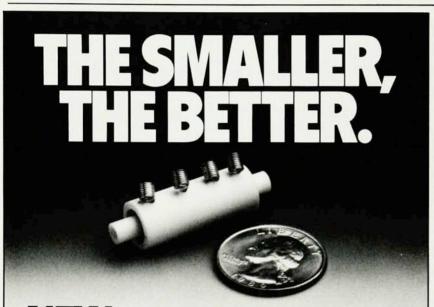
● 19–21 Plasma Etching Washington, DC Contact: Univ Consortium for Continuing Ed [Tel. (818) 995-6335] 16161 Ventura Blvd, M/S C-752, Encino, CA 91436

21–22 Meteorite Impact on the Earth Perth, Australia See issue: 5/90

23–27 2nd Intl Conf on New Diamond Sciences and Technol Crystal City, VA See issue: 11/89

 24–27 Modern Microwave Techniques San Diego, CA Contact: Univ Consortium for Continuing Ed [Tel. (818) 995-6335] 16161 Ventura Blvd, M/S C-752, Encino, CA 91436

24–27 Eur Gallium Arsenide Conf St Helier, Jersey, Channel Islands *See issue*: 3/89



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CALENDAR

- 24-28 Rheological Modeling: Thermodynamical and Statistical Approaches Sant Feliu de Guixols, Spain See issue: 5/ 90
- 24-28 The Living Cell in its Four Dimensions Paris, France See issue: 5/90 24-28 5th Intl Conf on Multiphoton Processes Paris, France See issue: 3/90

24-28 Appl Superconductivity Conf Aspen, CO See issue: 11/89

● 25-27 Nonlinear System Analysis Washington, DC Contact: Univ Consortium for Continuing Ed [Tel. (818) 995-6335] 16161 Ventura Blvd, M/S C-752, Encino, CA 91436

OCTOBER 1990

- 1–4 Wksp on Particle-Beam Instrum Batavia, IL Contact: Pat Smith [Tel. (708) 840-4735] MS-308, Fermilab, PO Box 500, Batavia, IL 60510 [15 Aug. 90]
 - 1-4 11th Eur Conf on Surface Sci Salamanca, Spain See issue: 5/90
 - 1-5 3rd Intl Topical Mtg on Optics of Liquid Crystals Cetraro, Italy See issue:
 - 1-5 3rd Eur Polymer Federation Symp on Polymeric Materials Sorrento, Italy See issue: 3/90
 - Visual Communications and Image Processing 90 Lausanne, Switzerland See issue: 1/90
 - 2-5 Intl Conf on Gamma-Ray Astron Ann Arbor, MI See issue: 3/90
- 8-11 12th European Regional Astron Mtg: Europe Looks to the Future Davos, Switzerland Contact: M. C. E. Huber, ESTEC, Postbus 299, 2200 AG Noordwijk, The Netherlands
- 8–12 9th Topical Mtg on the Tech of Fusion Energy Oakbrook, IL Contact: Dale L. Smith [Tel. (708) 972-5180] Argonne Natl Lab, 9700 5 Cass Ave, Argonne, IL 60439
- 8-12 5th Symp on Surface Phys Liblice, Czechoslovakia See issue: 5/90
- 8-12 IAU Collog 131: Radio Interferometry-Theory, Techniques and Apps Socorro, NM See issue: 5/90
- 8-12 Nondestructive Testing for Today's App Seattle, WA See issue: 5/90
- 8-12 37th Natl AVS Symp Toronto, Canada See issue: 1/90
- 9-11 Wksp on Iron-Line Diagnostics in X-Ray Sources Varenna, Como, Italy See issue: 5/90
- 9-12 5th Intl Conf on Phys of Magnetic Materials: Origin of Magnetocrystalline Anisotropy and Magnetostriction Madralin, Poland See issue: 5/90
- 10-13 Instability, Chaos and Predictability in Celestial Mech and Stellar Dynamics Delhi, India See issue: 9/89
- 14-19 7th Intl Symp on Capture Gamma-Ray Spectroscopy and Related Topics Pacific Grove, CA See issue: 5/90
- 14–20 IAU Colloq 127: Reference Systems Virginia Beach, VA See issue: 5/90
- 15-17 Rapid Variability of OB Stars: Nature and Diagnostic Value Garching, FRG Contact: Dietrich Baade [Bitnet. OBSTARS@DGAESO51] ESO, Karl-Schwarzschild-Str. 2, D-8046 Garching bei Munchen, FRG

- 15-17 Natl Conf on Noise-Control En- 11-15 Amer Nuclear Soc Winter gineering Austin, TX See issue: 5/90
- 15-20 Intl Symp on Molecular Modeling: Theory and Experiment Schloss, FRG See issue: 3/90
- 15-24 Wksp on Phys of Alternative Magnetic Confinement: Reversed Field Pinches, Compact Tori, Mirrors, High Density Z Pinches Varenna, Italy See issue: 1/90
- 16-19 43rd Gaseous Electronics Conf Urbana, IL See issue: 5/90
- 21-25 62nd Ann Mtg S of R Santa Fe, NM See issue: 1/90
- 22-25 Modern Microwave Semiconductors Palo Alto, CA Contact: Univ Consortium for Continuing Ed [Tel. (818) 995-6335] 16161 Ventura Blvd, M/S C-752, Encino, CA 91436
- 22-25 US-Japan Wksp on Nonlinear Dynamics and Acceleration Mechanisms Tsukuba, Japan Contact: T. Tajima [Tel. (512) 471-4574] Inst for Fusion Studies RLM 11.324, The Univ of Texas at Austin, Austin, TX 78712
- 23-25 Symp on Environmental Radiation and Public Policy Las Vegas, NV Contact: David N. McNelis [Tel. (702) 295-7828] Reynolds Electric and Engineering Co, 3260 Montecito Dr, Las Vegas, NV 89120
- 23–25 Nonlinear System Analysis Los Angeles, CA Contact: Univ Consortium for Continuing Ed [Tel. (818) 995-6335] 16161 Ventura Blvd, M/S C-752, Encino, CA 91436
- 23-26 Ann Mtg of the AAS Div for Planetary Sci Charlottesville, VA Contact: Bob Johnson [Tel. (804) 924-3244] Dept of Eng, Univ of Virginia, Charlottesville, VA 22903
 - 24-26 Nucl Sci Symp Washington, DC See issue: 9/89
- 29-31 Plasma Etching Monterey, CA Contact: Univ Consortium for Continuing Ed [Tel. (818) 995-6335] 16161 Ventura Blvd, M/S C-752, Encino, CA 91436
- 29-31 Chautauqua Course: Max Dresden on Cellular Automata Dayton, OH See issue: 5/90
- 35th Ann Conf on Magnetism and Magnetic Materials San Diego, CA See issue: 5/90
- 29-2 Materials and Devices for Optoelectronics Aachen, FRG See issue: 1/

NOVEMBER 1990

- 1-3 Conf on Phys Beyond the Standard Model Norman, OK See issue: 3/90
- 4-7 Conf of the Soc for Exper Mechanics Baltimore, MD See issue: 3/90
- 4-9 OSA Ann Mtg and OPTCON Boston, MA See issue: 3/89
- 5-8 16th Space Simulation Conf Albuquerque, NM See issue: 1/90
- 11th Intl Conf on the Apps of Accelerators in Rsch and Industry Denton, TX See issue: 1/90
- 7-11 12th Ann Natl Conf of the American-Indian Sci and Eng Soc Buf- ● 29-1 Phys and Chem of Semiconducfalo, NY Contact: Jack Ramsey [Tel. (303) 492-8658] American-IndianSci and Eng Soc, 1085 14th Street, Suite 1506, Boulder, CO 80302

- Mtg Washington, DC Contact: Loring Mills [Tel. (202) 778-6750] Edison Electric Inst, 1111 19th St NW, Suite 600, Washington, DC 20036
 - 12-16 Supercomputing 90 New York, NY See issue: 5/90
 - 12-16 Mtg of APS Div of Plasma Phys Cincinnati, OH See issue: 1/90
 - 13-15 2nd Intl Ceramic Sci and Tech Cong Orlando, FL See issue: 3/90
- 15-17 Polarized Collider Wksp University Park, PA Contact: Richard W. Robinett [Tel. (814) 863-0965] Dept of Phys, the Pennsylvania State Univ, University Park, PA 16802
 - 15-17 Mtg of Southeastern Sec of APS Atlanta, GA See issue: 1/90
 - 19-22 Huygens's Principle 1690-**1990: Theory and Apps** Scheveningen, The Hague *See issue*: 5/90
 - 19-24 Asia-Pacific Conf on Optical Tech Singapore See issue: 3/90
 - 25-30 AAPM-RSNA Mtg Chicago, IL See issue: 7/88
 - 26-28 Intl Wksp on Quantum Aspects of Optical Communications Paris, France See issue: 5/90
 - 26-30 MRS Fall Mtg Boston, MA See issue: 7/88
- 26-30 120th Mtg ASA San Diego, CA See issue: 7/88

DECEMBER 1990

- 3-6 Intl Symp on Heavy-Ion Inertial Fusion Monterey, CA See issue: 5/90
- 3-7 AGU Fall Mtg San Francisco, CA See issue: 7/88
- 9-14 Intl Conf on Lasers San Diego, CA See issue: 5/90
- 16-21 15th Texas Symp on Relativistic Astrophys and 4th ESO-CERN Symp Brighton, UK See issue: 3/90
- 19-21 Intl Wksp on Large Eddy Simulation St. Petersburg, FL See issue: 5/90

JANUARY 1991

- 5-9 Intl Conf on Quantum Optics Hyderabad, India Contact: G. S. Agarwal, Convener ICQO, School of Phys, Univ of Hyderabad, Hyderabad-500 134 India [30 June 90]
- 6-10 8th Symp on Space Nuclear Power Systems Albuquerque, NM Contact: Earl Wahlquist [Tel. (301) 353-3321] US Dept of Energy, NE-52, GTN, Washington, DC 20545
 - 13-17 177th Mtg AAS Philadelphia, PA See issue: 3/90
- 14-18 5th Intl Collog on Physical Measures and Signatures in Remote Sensing Courchevel, France Contact. Courchevel-Reservation, Colloque CNES [*Tel.* (33) 79-08-00-29] La Croisette, 73 120 Courchevel, France
 - 20-25 Optics, Electro-Optics and Laser Apps in Sci and Eng Los Angeles, CA See issue: 3/90
 - 21-24 AAPT/APS Annl Joint Mtg San Antonio, TX See issue: 3/90
- tor Interfaces Long Beach, CA Contact: R. W. Grant, Rockwell Intl Sci Ctr, PO Box 1085, Thousand Oaks, CA 91358 [19 Oct. 90]

FEBRUARY 1991

- 5–6 Parallel Methods on Large-Scale Structural Analysis and Phys Apps Hampton, VA See issue: 3/90
- 17–20 14th Ann Mtg of the Adhesion Soc Clearwater, FL Contact: Howard M. Clearfield [Tel. (914) 945-3202] IBM T. J. Watson Rsch Ctr, PO Box 218, M/S 38-145, Yorktown Heights, NY 10598 [1 Aug 90]
 - 17–23 6th Lake Louise Winter Inst: Particle Phys—the Factory Era Lake Louise, Canada See issue: 3/90
- 18–22 Optical Fiber Communication Conf San Diego, CA Contact: OSA [Tel. (202) 223-8130] 1816 Jefferson Pl NW, Washington, DC 20036

MARCH 1991

- **3–8 Symp on Microlithography** San Jose, CA *See issue*: 3/90
- 12–13 Natl Radar Conf: the Impact of Microelectronics on Radar Systems Los Angeles, CA See issue: 5/90
- 14–16 1st European Powder Diffraction Conf Munich, FRG See issue: 5/90
- 18–20 IEEE Intl Conf on Microelectronic Test Structures Kyoto, Japan Contact: Takashi Ohzone [Tel. 81-6-906-4891] Semiconductor Rsch Ctr, Matsuhsita Electric Industrial Co Ltd, 3-15, Yagumo-Nakamachi, Moriguchi-Shi, Osaka 570, Japan [18 Aug. 90]
 - **18–22** APS March Mtg Cincinnati, OH See issue: 9/89
 - **19–21** Conf on Materials for Electronic Packaging Buffalo, NY See issue: 5/90
- 25–27 Models of Non-Classical Chemical-Reaction Rates Bethesda, MD
 Contact: George Weiss [Tel. (301) 4961135] Natl Inst of Health, Bethesda, MD
 20892

APRIL 1991

- 1–5 Tech Symp on Optics, Electro-Optics and Sensors Orlando, FL See issue: 3/90
- 3-5 19th Intl Symp on Acoustical Imaging Bochum, FRG See issue: 5/90
- 8–12 7th Intl Conf on the Numerical Analysis of Semiconductor Devices and Intgrated Circuits Copper Mountain, CO Contact: John Miller [Tel. 353-1-679-7655] NASECODE-VII Conf., 26 Temple Lane, Dublin 2, Ireland [15 Nov. 90]
 - 8–12 Ann Mtg of the Eur Phys Soc Condensed Matter Div Devon, UK See issue: 3/90
 - **15–17 Frontiers of Tribology** Stratford Upon Avon, UK *See issue:* 9/89
- 21–24 6th European Conf on Molecular-Beam Epitaxy and Related Growth Methods Tampere, Finland See issue: 5/90
- 22–25 APS Spring Mtg Washington, DC Contact: APS [Tel. (212) 682-7341] 335 E 45th St, New York, NY 10017 Note revised dates
- **22–26 XVI Genl Assembly of the Eur Geophys Soc** Wiesbaden, FRG *See issue*: 3/90
- 28–3 121st Mtg ASA Baltimore, MD See issue: 3/90
- 29-3 MRS Spring Mtg Anaheim, CA

Contact: Merry Geil [*Tel.* (412) 367-3003] MRS, 9800 McKnight Rd, Pittsburgh, PA 15237

MAY 1991

- 2–3 Intl Symp on Analogies in Optics and Microelectronics Eindhoven, The Netherlands See issue: 5/90
- 5–11 3rd Eur Conf on Crystal Growth Budapest, Hungary See issue: 9/89
- 6–9 Particle Accel Conf San Francisco, CA See issue: 9/89
- 6-10 3rd Intl Conf on the Formation of Semiconductor Interfaces Rome, Italy Contact: Paolo Perfetti [Tel. (396) 942-6335] Istituto di Struttura della Materia del CNR, Via E. Fermi 38, 00044 Frascati, Italy
- 12–17 Conf on Lasers and Electro-Optics Baltimore, MD Contact: OSA [Tel. (202) 223-8130] 1816 Jefferson Pl NW, Washington, DC 20036
- 13–17 Quantum Electronics and Laser Sci Conf Baltimore, MD Contact: OSA [Tel. (202) 223-8130] 1816 Jefferson Pl NW, Washington, DC 20036
- 20–24 Short Course on X-Ray Powder Diffractometry and Spectrometry Austin, TX Contact: [Tel. (512) 471-3506]
 College of Eng, the Univ of Texas at Austin, Austin, TX 78712
 - **26–30 178th Mtg AAS** Seattle, WA *See issue*: 3/90
 - 28–1 AGU Spring Mtg Baltimore, MD See issue: 3/90

JUNE 1991

- 2-4 Conf on Plasma Sci Williamsburg, VA See issue: 9/89
- 2–6 Ann Mtg of the Amer Nuclear Soc Orlando, FL Contact: John A. DeMastry [Tel. (407) 694-3613] Florida P&L Co, PO Box 14000, Juno Beach, FL 33408
 - 3–7 18th Eur Conf on Controlled Fusion and Plasma Phys Berlin, Germany (GDR) See issue: 3/90
- 10–14 4th Intl Conf on Nucleus–Nucleus Collisions Kanazawa, Japan Contact: Isao Tanihata [Fax. 484-62-4643] RIKEN, 2-1 Hirosawa, Wako, Saitama 351-01 Japan
 - **10–14 5th Intl Symp on Radiation Phys** Dubrovnik, Yugoslavia *See issue:* 3/
- 16-21 6th Intl Conf on Emerging Nuclear Energy Systems Montery, CA
 Contact: C. D. Henning [Tel. (415) 422-0235] LLNL, L-644, PO Box 808, Livermore, CA 94551
 - 18–21 Real-Time Computer Apps in Nuclear, Particle and Plasma Phys FRG See issue: 3/90
- 24–28 Intl Conf on Asteroids, Comets and Meteors Flagstaff, AZ Contact: Pam Jones [Tel. (713) 486-2150] Program Development Office, Lunar and Planetary Inst, 3303 NASA Rd 1, Houston, TX 77058
- 24–29 AAPT Summer Mtg Vancouver, BC, Canada Contact: AAPT [Tel. (301) 345-4200] 5112 Berwyn Rd, College Park. MD 20740
- 25–27 Intl Superconductive Electronics Conf Glasgow, Scotland Contact: G.
 B. Donaldson, Dept of Phys and Appl

Phys, Univ of Strathclyde, Glasgow G4 ONG, Scotland

JULY 1991

- 14–19 19th Rare Earth Rsch Conf Lexington, KY Contact: Dale D. Ensor, Chem Dept, Tennessee Technological Univ, Box 5055, Cookeville, TN 38505
- 14-20 4th Intl Conf on Synchrotron Radiation Instrumentation Chester, UK See issue: 5/90
- 21–25 Annl Mtg AAPM San Francisco, CA See issue: 3/90
- 21-26 35th Ann Intl Tech Symp on Optical and Optoelectronic Appl Sci and Eng San Diego, CA See issue: 3/90 21-26 Annl Mtg ACA Toledo, OH See issue: 3/90
- 22–26 13th IMACS World Cong on Computation and Appl Math Dublin, Ireland See issue: 3/90
- **22–26 11th Intl Conf on Molecular Energy Transfer** Nijmegen, The Netherlands *See issue*: 3/90
- 23–1 21st Genl Assembly of the Intl Astron Union Buenos Aires, Argentina Contact: IAU Secretariat [Tel. (1)43-25-83-58] 61 Ave de l'Observatoire, F-75014 Paris, France

AUGUST 1991

- 8-12 AAPM Ann Mtg Washington, DC Contact: AAPM [Tel. (212) 661-9404] 335 East 45th St, New York, NY 10017-3483
 - 12–16 6th Intl Conf on Scanning Tunneling Microscopy and Related Techniques Interlaken, Switzerland See issue: 5/90
- 26–30 Symp on the Interp of Time Series from Nonlinear Mechanical Sys
 Coventry, UK Contact: G. King [Tel. (44) 203 523698] Nonlinear Systems Lab, Mathematics Inst, Univ of Warwick, Coventry CV4 7AL, England
 - **26–30 12th Intl Mass Spectrometry Conf** Amsterdam, The Netherlands *See issue*: 3/90
 - 27–30 European Quantum Electronics Conf Edinburgh, UK See issue: 5/90
 - 27-30 Intl Conf on Neutron Scattering Oxford, UK See issue: 5/90
 - 27-6 Wksp on Diagnostics for Contemporary Fusion Experiments Varenna, Italy See issue: 3/90

SEPTEMBER 1991

- 1–7 Intl Conf on Magnetism Edinburgh, UK See issue: 3/90
- **3–6 OE/FIBERS 91** Boston, MA *See issue*: 3/90
- 9–17 Wksp on High-Power Microwave Generation and Apps Varenna, Italy See issue: 3/90
- 15–20 Symp on Microelectronic Interconnect and Integrated Processing San Jose, CA See issue: 3/90
- 22-25 5th Conf on Sensors and Their Apps Edinburgh, UK See issue: 3/90
- **30–2 Speciality Polymers '91** Mainz, FRG *See issue*: 3/90

OCTOBER 1991

14–18 4th Eur Conf on Apps of Surface and Interface Analysis Budapest, Hungary See issue: 3/90