

JANUARY 1989

- 8-12 173rd Mtg AAS Boston, MA *See issue: 7/88*
- 9-10 Short Course on Low-Noise Electronic Circuits for Electro-Optics Systems Lake Buena Vista, FL *See issue: 11/88*
- 9-13 Gordon Res Conf on Composites Oxnard, CA *Contact: Gordon Res. Ctr. [Tel. (401) 783-4011] Univ. of Rhode Island, Kingston, RI 02881-0801*
- 9-27 2nd Ann Sum School in Condensed Matter Phys Canberra, Australia *See issue: 9/88*
- 10-12 Analysis of Returned Comet Nucleus Samples San Francisco Bay Area *Contact: Sherwood Chang [Tel. (415) 694-5733] Comet Conf., Lunar and Planetary Inst., 3303 NASA Road 1, Houston, TX 77058*
- 11-13 Intl Superconductor Applications Convention San Francisco, CA *Contact: Cont. Ed. in Eng. [Tel. (415) 642-4151] University Extension, Univ. of California, 2223 Fulton St., Berkeley, CA 94720*
- 12-16 Intl Sem on Direct Nuclear Reactions Bangalore, India *See issue: 7/88*
- 14-19 AAAS Ann Mtg San Francisco, CA *Contact: AAAS 1333 H St., NW, Washington, DC 20005*
- 14-19 Combined APS-AAAPT Joint Mtg San Francisco, CA *See issue: 11/88*
- 15-20 Symp on Optics, Electro-Optics and Laser Applications in Sci and Eng Los Angeles, CA *See issue: 9/88*
- 16-20 Gordon Res Conf on Electrochemistry Oxnard, CA *Contact: Gordon Res. Ctr. [Tel. (401) 783-4011] Univ. of Rhode Island, Kingston, RI 02881-0801*
- 17-19 Optical Data Storage Top Mtg Los Angeles, CA [LEOS-IEEE/OSA/SPIE] *Contact: OSA [Tel. (202) 223-0920] Meetings Dept., 1816 Jefferson Pl., NW, Washington, DC 20036*
- 17-19 Top Mtg on Optical Data Storage Los Angeles, CA *See issue: 9/88*
- 19-20 Berkeley Colloq on Extreme Ultraviolet Astron Berkeley, CA *See issue: 9/88*
- 24-27 Short Course 426 on Lasers and Molecular Spectroscopy Hampton, VA [Sci. & Tech. Inst.] *Contact: Diana McQuestion [Tel. (804) 865-0368] STI Admin. Office, P.O. Box P, Hampton, VA 23666-0318*
- 25-27 Western Spectroscopy Assoc Mtg Pacific Grove, CA *See issue: 11/88*
- 29-3 Conf on Medical Imaging Newport Beach, CA *See issue: 7/88*
- 30-3 Laser Fundamentals and Systems Los Angeles, CA *Contact: Eng. Tech. Inst. [Tel. (817) 772-0082] P.O. Box 8859, Waco, TX 76714-8859*

FEBRUARY 1989

- 2-4 Nonlinear Guided Wave Phenomena: Phys and Applications Top Mtg Houston, TX [LEOS-IEEE/OSA] *Contact: OSA [Tel. (202) 223-0920] Meetings Dept., 1816 Jefferson Pl., NW, Washington, DC 20036*
- 2-5 2nd Symp on the Arts and Tech New London, CT *See issue: 9/88*
- 4-11 2nd Winter Course of the Intl School on Disarmament and Res on Conflicts Vaneze di Bondone (Trento), Italy *Contact: Carlo Schaerf [Tel. [Fax] (39-6) 495-7697] Dipartimento di Fisica, Università di Roma I, P. le Aldo Moro, 2, I - 00185 Rome, Italy*
- 5-7 Chaos and Computers: A Practical Symp on the Application of Chaos Theory to the Issues of Computer Design Stowe, VT [Clearpoint Res. Foundation] *Contact: Janet Fannon [Tel. (508) 435-2000] Clearpoint Res. Foundation*
- 6-8 Top Mtg on Integrated and Guided Wave Optics Houston, TX *See issue: 11/88*
- 6-9 1989 Conf on Optical Fiber Communication Houston, TX [OSA] *Contact: Andrea Kailo [Tel. (202) 223-8130] Manager, Soc. Communications, OSA, 1816 Jefferson Pl., NW, Washington, DC 20036 [30 Nov. 88]*
- 6-9 LEOS-IEEE-OSA Conf on Optical Fiber Communication Dallas, TX *See issue: 7/87*
- 7-9 Conf on Phys and Chem of Semiconductor Interfaces Bozeman, MT *See issue: 9/88*
- 7-9 5th Ann IEEE Semiconductor Thermal and Temperature Measurement Symp San Diego, CA *See issue: 11/88*
- 7-16 Winter Sch on Nuclear Phys Les Houches, France *See issue: 11/88*
- 8-10 Intl Industrial Symp on the Super Collider New Orleans, LA *Contact: Ms. Pamela E. Paterson [Tel. (619) 542-9078] General Dynamics Space Systems, P.O. Box 85990, MZ 92-8261, San Diego, CA 92138*
- 9-10 1989 Intl Industrial Symp on the Super Collider New Orleans, LA *See issue: 11/88*
- 12-15 Top Mtgs on High-Resolution Optical Fourier Transform Spectrometry and on Noninvasive Assessment of the Visual System Santa Fe, NM *See issue: 9/88*
- 12-15 Wksp on Crystal Dynamics: Chaotic Behavior and Fractal Structures Monterey, CA *See issue: 11/88*
- 12-15 60th Ann Mtg S of R Gainesville, FL *See issue: May 88*
- 13-15 Top Mtg on Noninvasive Assessment of the Visual System Santa Fe, NM [OSA] *Contact: OSA [Tel. (202) 223-0920] 1816 Jefferson Pl., NW, Washington, DC 20036 [16 Sept. 88]*

Please note: Complete information is given only for new listings (marked ●) or for newly revised listings (marked ○). 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 Advancement of Science	IEEE	Institute of Electrical and Electronics Engineers
AAPM	American Association of Physicists in Medicine	IOP	Institute of Physics (London)
AAPT	American Association of Physics Teachers	IUPAC	International Union of Pure and Applied Chemistry
AAS	American Astronomical Society	IUPAP	International Union of Pure and Applied Physics
ACA	American Crystallographic Association	LBL	Lawrence Berkeley Laboratory
AGU	American Geophysical Union	LLNL	Lawrence Livermore National Laboratory
ANS	American Nuclear Society	MRS	Materials Research Society
APS	American Physical Society	NAS	National Academy of Sciences
ASA	Acoustical Society of America	NBS	National Bureau of Standards
AVS	American Vacuum Society	NRC	Nuclear Regulatory Commission
BNL	Brookhaven National Laboratory	NRL	Naval Research Laboratory
CNRS	Centre National de la Recherche 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 Optical Engineering
IAU	International Astronomical Union	SPS	Society of Physics Students
ICTP	International Centre for Theoretical Physics		

- **13-15 OSA High-Resolution Fourier Transform Spectrometry Top Mtg** Santa Fe, NM [OSA] *Contact:* OSA [Tel. (202) 223-0920] Meetings Dept., 1816 Jefferson Pl., NW, Washington, DC 20036
- **13-17 Laser Beam Propagation and Interaction Effect** Albuquerque, NM *Contact:* Eng. Tech. Inst. [Tel. (817) 772-0082] P.O. Box 8859, Waco, TX 76714-8859

13-17 5th New Zealand Symp on Quantum Optics Auckland, New Zealand *See issue: 7/88*

15-17 36th IEEE Intl Solid-State Circuits Conf New York, NY *See issue: 11/88*

19-22 12th Ann Mtg Adhesion Soc Hilton Head Island, SC *See issue: 9/88*

● **19-24 Molecular Electronics—Sci and Tech**
Hawaii [The Eng. Foundation] *Contact:* Harold Comerer [Tel. (212) 705-7835] Director, the Eng. Foundation, 345 E. 47th St., New York, NY 10017

● **19-25 4th Lake Louise Winter Inst on Frontiers in Phys—from Colliders to**

Cosmology Lake Louise, Canada *Contact:* The Secretary, LLWI [Tel. (403) 432-3637] Dept. of Phys., Univ. of Alberta, Edmonton, Canada T6G 2J1

● **20-24 Gordon Res Conf on Polymers for Biomedical and Agricultural Application** Oxnard, CA *Contact:* Gordon Res. Ctr. [Tel. (401) 783-4011] Univ. of Rhode Island, Kingston, RI 02881-0801

21-26 5th Symp on Optical Fibers and Their Applications Warsaw, Poland *See issue: 7/88*

23-25 2nd Intl Symp on The 4th Family of Quarks and Leptons Santa Monica, CA *See issue: 11/88*

● **26-3 1989 Symp on Microlithography** San Jose, CA [SPIE] *Contact:* SPIE [Tel. (206) 676-3290] P.O. Box 10, Bellingham, WA 98227-0010

26-3 Conf on Future Directions for Lasers in Medicine and Surgery Palm Coast, FL *See issue: 9/88*

27-1 Top Mtgs on Microphys of Surfaces, Beams and Adsorbates, and on Optical Computing Salt Lake City, UT *See issue: 9/88*

● **27-3 Laser Safety** Orlando, FL *Contact:* Eng. Tech. Inst. [Tel. (817) 772-0082] P.O. Box 8859, Waco, TX 76714-8859

● **27-3 Gordon Res Conf on Superconductivity** Oxnard, CA *Contact:* Gordon Res. Ctr. [Tel. (401) 783-4011] Univ. of Rhode Island, Kingston, RI 02881-0801

● **27-5 Phys for a New Generation** Schladming, Austria *Contact:* Organizing Committee, XXVIII Internationale Universitäts/wochen für Kernphysik [Tel. (316) 380-5225] Institut für Theoretische Physik Universität Graz, Universitätsplatz 5, A-8010 GRAZ, Austria

MARCH 1989

1-3 Top Mtg on Photonic Switching Salt Lake City, UT *See issue: 9/88*

● **5-18 Automatic Telescopes** Tucson, AZ *Contact:* R. White, Univ. of Arizona

● **6-8 Quantum Wells for Optics and Optoelectronics Top Mtg** Salt Lake City, UT [LEOS-IEEE/OSA] *Contact:* OSA [Tel. (202) 223-0920] Meetings Dept., 1816 Jefferson Pl., NW, Washington, DC 20036 [1 Nov. 88]

6-9 Industry-University Adv Materials Conf Denver, CO *See issue: 11/88*

6-10 Top Mtgs on Quantum Wells for Optics and Optoelectronics, and on Picosecond Electronics and Optoelectronics Salt Lake City, UT *See issue: 9/88*

6-10 Conf on the Sun in Time Monterey, CA *See issue: 3/88*

12-25 NATO Adv Study Inst on Diffusion in Materials; Intl School on Materials and Tech Aussois, France *See issue: 9/88*

● **13-15 Free Electron Lasers** Huntsville, AL *Contact:* Eng. Tech. Inst. [Tel. (817) 772-0082] P.O. Box 8859, Waco, TX 76714-8859

● **13-17 XIV General Assembly of the Eur Geophys Soc** Barcelona, Spain *Contact:* A. K. Richter [Tel. (49) 5556-411] Max Planck Institut für Aeronomie, Postfach 20, D-3411 Katlenburg-Lindau, Fed. Rep. Germany [15 Dec. 88]

13-17 20th Ann Lunar and Planetary Sci Conf Houston, TX *See issue: 7/88*

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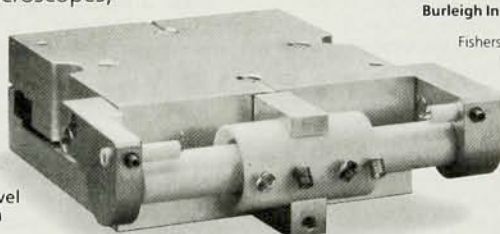
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- 13-17 6th Cong Intl Assoc of Color
Buenos Aires, Argentina See issue: 5/88
- 13-17 16th Eur Conf on Controlled
Fusion and Plasma Phys Venice, Italy See
issue: 1/88
- 20-21 1st Intl Conf on Indium Phos-
phide and Related Materials for Adv
Electronic and Optical Devices Norman,
Oklahoma [SPIE, Univ. of Oklahoma]
Contact: Rajendra Singh Univ. of Oklaho-
ma, School of Electrical Eng., Norman, OK
73019
- 20-22 4th Intl Conf on Mechanical
Properties of Materials at High Rates of
Strain Oxford, UK See issue: 9/88
- 20-24 1989 Regular Mtg of the Div of
High Polymer Phys St. Louis, MO [APS]
Contact: Barry L. Farmer, Dept. of Materi-
als Sci., Room 201, Materials Sci. Bldg.,
Univ. of Virginia, Charlottesville, VA
22901 [18 Nov. 88]
- 20-24 APS March Mtg St. Louis, MO
See issue: 5/87
- 27-31 SPIE Tech Symp: Active Tele-
scope Systems Orlando, FL Contact: SPIE
Technical Program Committee/Orlando
'89 [Tel. (206) 676-3290] P.O. Box 10,
Bellingham, WA 98225
- 27-31 Chapman Conf on Magnetic
Flux Ropes Hamilton, Bermuda See issue:
9/88
- 27-31 Tech Symp on Aerospace Sens-
ing Orlando, FL See issue: 11/88
- 28-31 Intl Magnetism Conf Washing-
ton, DC See issue: 11/88
- 30-31 Colorado Microelectronics
Conf Colorado Springs, CO See issue: 11/
88
- 30-14 Exper Wksp on High- T_c Super-
conductors Trieste, Italy Contact: Con-
densed Matter Activities, [Tel.] Intl. Centre
for Theor. Phys., P.O. Box 586, 34100
Trieste, Italy

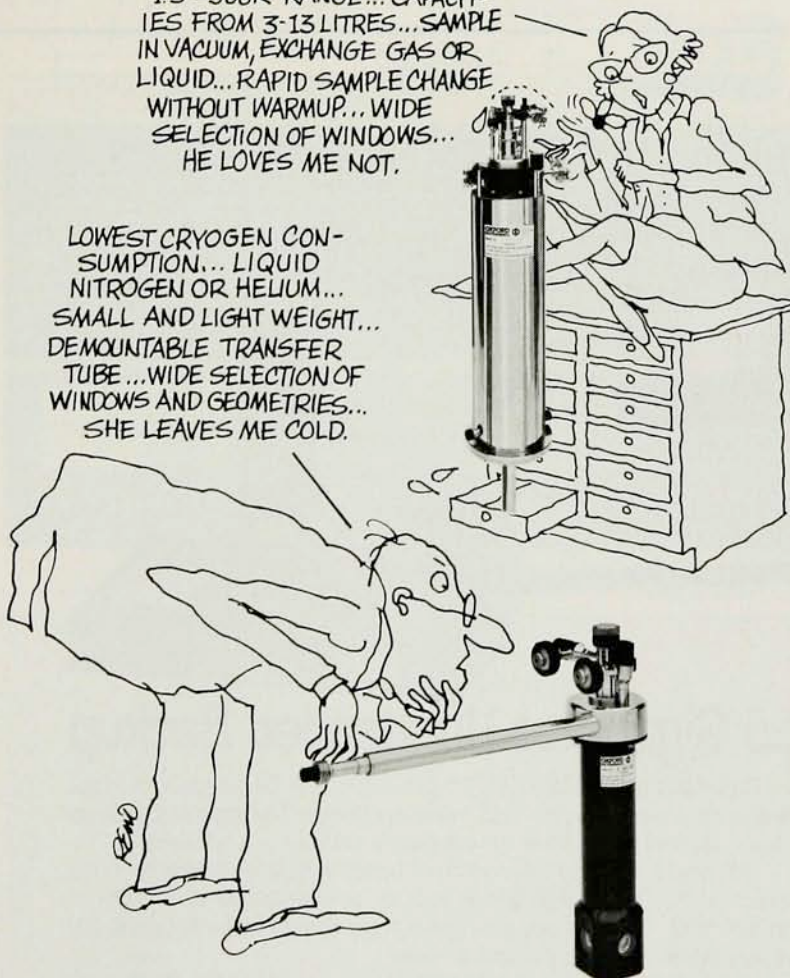
APRIL 1989

- 1-8 1989 Sanibel Symp St. Augustine,
FL See issue: 9/88
- 2-6 30th Exper NMR Spectroscopy
Conf Pacific Grove, CA See issue: 11/88
- 4-14 Short Course on Phase Transi-
tions in Soft Condensed Matter See
issue: 11/88
- 5-6 25th Ann Mtg of the Natl Council
on Radiation Protection and Measure-
ments Washington, DC See issue: 11/88
- 5-7 Annual Spring Sem and Equip-
ment Exhibit and Wksp on Portal Imag-
ing Las Vegas, NV See issue: 11/88
- 9-14 12th Intl Wksp on Weak Interac-
tions and Neutrinos Kibbutz Ginosar, Is-
rael See issue: 9/88
- 10-12 Symp on Multi-Element Analy-
tical Techniques Chicago, Illinois See
issue: 11/88
- 10-13 6th Oxford Conf on Micros-
copy of Semiconducting Materials Ox-
ford, UK See issue: 9/88
- 17-16 Spring College on Ceramics
and Composite Materials Trieste, Italy
Contact: Condensed Matter Activities,
[Tel. 2240-1] Intl. Centre for Theor. Phys.,
P.O. Box 586, 34100 Trieste, Italy [30
Sep. 88]
- 17-20 Chapman Conf on Causes and
Consequences of Long-Term Sea Level

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Change Snowbird, UT [AGU] *Contact:* Dork L. Sahagian [Tel. (603) 646-3860] Thayer School, Dartmouth College, Hanover, NH 03755 [19 Dec. 88]

- **17-21 Structure and Dynamics of the Interstellar Medium** Granada, Spain [OSA] *Contact:* G. Tenorio-Tagle Max-Planck-Institut für Physik und Astrophysik

- **17-21 2nd Intl Conf on Nonlinear Optics** Ashford Castle, Ireland *Contact:* NLO '89, P.O. Box 245, McLean, VA 22101 [15 Dec. 88] *Note deadline for submissions was changed*

- **18-21 Conf on Oxygen Disorder Effects in High- T_c Superconductors** Trieste, Italy *Contact:* Condensed Matter Activities [Tel. 2240-1] Intl. Centre for Theor. Phys., P.O. Box 586, 34100 Trieste, Italy

- **20-22 10th Wksp on Grand Unification** Chapel Hill, North Carolina *See issue:* 11/88

- **24-28 Intl Cong on Optical Sci and Eng** Paris, France [SPIE, EPS, Europtica] *Contact:* SPIE [Tel. (206) 676-3290] P.O. Box 10, Bellingham, WA 98227-0010

- **24-28 X-Ray Instrumentation in Medicine, Biology, Plasma Phys, Astrophys, and Synchrotron Radiation (10 eV-40 keV)** Paris, France *Contact:* SPIE [Tel. (206) 676-3290] P.O. Box 10, Bellingham, WA 98227-0010

- **24-28 9th Eur Symp on Optoelectronics** Paris, France *Contact:* SPIE [Tel. (206) 676-3290] P.O. Box 10, Bellingham, WA 98227-0010

- **24-28 5th Eur Conf on Integrated Optics** Paris, France *Contact:* SPIE [Tel. (206) 676-3290] P.O. Box 10, Bellingham, WA 98227-0010

- **24-28 IAU Colloq 116: Comets in the Post-Halley Era** Bamberg, FRG *Contact:* J. Rahe, Planetary Sci. Branch, Office of Space Sci. and Applications, NASA, Washington, DC 20546

- **24-28 Symp on Quantum Fluids and Solids** Gainesville, FL *See issue:* 11/88

- **24-28 CLEO '89: Conf on Lasers and Electro-optics** Baltimore, MD *See issue:* 7/87

- **24-28 IQEC '89: Intl Quantum Electronics Conf** Baltimore, MD *See issue:* 7/87

- **24-29 MRS Spring Mtg** San Diego, CA *See issue:* 11/88

- **26-28 2nd Intl Conf on High-Density Z-Pinches** Laguna Beach, CA *See issue:* 11/88

- **26-28 Conf on 50 Years with Nuclear Fission** Gaithersburg, MD *See issue:* 5/88

- **29-30 2nd Intl Symp on Aneutronic Energy: Searches for Non-Radioactive and Non-Proliferating Nuclear Power** Washington, DC *Contact:* Aneutronic Symp. P.O. Box 3037, Princeton, NJ 08543

MAY 1989

- **1-3 8th Top Conf on Radio-Frequency Power in Plasmas** Irvine, CA [Univ. of California] *Contact:* Roger McWilliams [Tel. Fax (714) 856-5903] Dept. of Phys., Univ. of California, Irvine, CA 92717

- **1-3 Top Mtg on Tunable Solid State Lasers** North Falmouth, MA *See issue:* 9/88

- **1-4 APS Spring Mtg** Baltimore, MD *See issue:* 7/87

- **7-12 Symp on High- T_c Superconductor Technologies at the 175th Mtg Electrochemical Soc** Los Angeles, CA *See issue:* 11/88

- **8-12 AGU Spring Mtg** Baltimore, MD *See issue:* 7/87

- **9-11 Intl Conf on Coatings and Sensors for Acoustic and Electromagnetic-Optical Applications** University Park, PA *See issue:* 7/88

- **10-16 Assembly Intl Assoc Hydrological Sci** Baltimore, MD *See issue:* 7/87

- **11-20 NATO Adv Study Inst on Optical Sources, Lasers and Synchrotron Radiation: Biological Effects and Potential Hazards** Sicily, Italy *See issue:* 9/88

- **14-19 42nd Ann Conf Soc for Imaging Sci and Tech** Boston, MA *See issue:* 5/88



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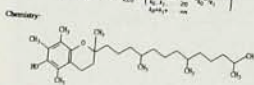
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● **19-23 IAU Colloq 119: Comparative Planetology and the Origin of the Solar System** Nanjing, China *Contact:* H. J. Smith McDonald Observatory, Univ. of Texas, Austin, TX 78712-1083

$$a_{jk} z^k = \sum_{k \geq 0} z^k \left(\sum_{k_0, k_1, \dots, k_n} a_{k_0} a_{k_1} \dots a_{k_n} \right)$$


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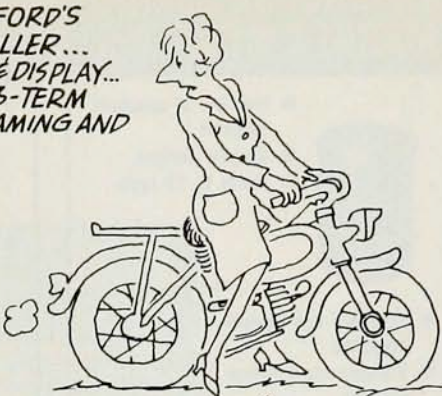
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- **19-23 IAU Symp 140: Galactic and Intergalactic Magnetic Fields** Bonn or Heidelberg, FRG *Contact:* R. Wielebinski, Max-Planck-Institut für Radioastronomie, Auf dem Hugel 69, D-5300 Bonn 1, GFR
- **19-23 5th Intl Conf on Radiation Effects in Insulators** Hamilton, Canada *Contact:* J. A. Davies or D. A. Thompson [Tel. (416) 525-9140 Ext. 4690] Inst. for Materials Res., McMaster Univ., Hamilton, Ontario, Canada L8S 4M1 [31 Mar. 89]
- **19-29 Res Wksp in Condensed Matter, Atomic and Molecular Phys** Trieste, Italy *Contact:* Condensed Matter Activities, [Tel. 2240-1] Intl. Centre for Theor. Phys., P.O. Box 586, 34100 Trieste, Italy [28 Feb. 89] *Note: The closing date is SEPTEMBER 29*
- **20-23 Interface Between Quantum Field Theory and Condensed Matter Phys** Trieste, Italy *Contact:* Anniversary Adriatico Res. Conf., Intl. Centre for Theor. Phys., P.O. Box 586, 34100 Trieste, Italy [15 Apr. 89]
- **20-23 Intl Symp on In Vivo Body Composition Studies** Toronto, Canada *See issue:* 11/88
- **21-23 The Centennial Scientific Mtg of the Astron Soc of the Pacific** *See issue:* 11/88
- **26-28 Conf on Coherence and Quantum Optics** Rochester, NY [OSA] *Contact:* Leonard Mandel [Tel. (716) 275-4361] Univ. of Rochester, Dept. of Phys., Rochester, NY 14627
- **26-30 9th Intl Conf on Ion Beam Analysis** Kingston, Ontario, Canada *See issue:* 11/88
- **26-30 Intl Conf on New Aspects of Nuclear Spectroscopy** Crete, Greece *Contact:* Leo Skouras, Tandem Accelerator Lab., NRCPS Demokritos, GR 15310 Agia Paraskevi, Athens, Greece
- **26-1 IAU Colloq 118: Dynamics of Small Bodies in the Solar System** Nanjing, China *Contact:* J. Henrard, Facultés, Universitaires de Namur, Rempart de la Vierge 8, 500 Namur, Belgium
- **26-1 Wksp on B-Factories and Related Phys Issues** Blois, France *See issue:* 11/88
- **27-30 28th Intl Liège Astrophysical Colloq, Our Changing Atmosphere** Liège, Belgium *Contact:* J.-C. Gérard, Institut d'Astrophysique, B-4200-Cointe-Ougrée, Belgium
- **28-30 Sum Mtg AAPT** San Luis Obispo, CA *See issue:* 5/88

JULY 1989

- **2-8 12th Intl Conf on Few-Body Problems in Phys** Vancouver, Canada *See issue:* 9/88
- **2-8 12th Intl Conf on General Relativity and Gravitation** Boulder, CO *See issue:* 11/88
- **3-6 5th Intl Conf on Emerging Nuclear Energy Systems** Karlsruhe, FRG *Contact:* G. Kessler [Tel. (0) 7247-822441] KfK-INR, P.O. Box 3640, 7500 Karlsruhe 1, FRG [31 Dec. 88]
- **3-28 Sum Sch on Liquids, Freezing and the Glass Transition** Les Houches, France [Université Joseph Fourier de Grenoble] *Contact:* Ecole d'Été de Physique Théorique [Tel. 50 54 40 69 or 50 54 41

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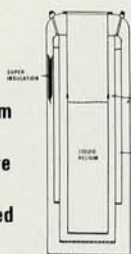
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33] F-74310 Les Houches, France [1 Mar. 89]

● 4-7 Quasicrystals Trieste, Italy *Contact:* Anniversary Adriatico Res. Conf., Intl. Centre for Theor. Phys., P.O. Box 586, 34100 Trieste, Italy [15 Apr. 89]

5-7 Conf on Materials for Non-Linear and Electro-Optics Cambridge, United Kingdom *See issue:* 11/88

● 5-8 Intl Conf on Optoelectronic Sci and Eng Beijing, China [Chinese Association for Sci. and Tech., Intl. Commission for Optics, Chinese Federation on Measurement and Control, Chinese Optical Soc.] *Contact:* SPIE [Tel. (206) 676-3290] P.O. Box 10, Bellingham, WA 98227-0010

9-14 4th Intl Conf on Scanning Tunneling Microscopy/Spectroscopy Oarai, Ibaraki, Japan *See issue:* 11/88

10-14 Intl Conf on Ion Sources Berkeley, CA *See issue:* 5/88

● 10-21 10th Santa Cruz Summer Wksp in Astr and Astrophys, on Supernovae Santa Cruz, CA *Contact:* Stanford E. Woosley, [Tel. (408) 429-8185] Dept. of Astronomy and Astrophys., Univ. of California, Santa Cruz, CA 95064

11-13 Wksp on Low Mass Star Formation and Pre-Main Sequence Objects Garching, West Germany *See issue:* 11/88

11-14 6th Intl Conf on Numerical Analysis of Semiconductor Devices and Integrated Circuits Dublin, Ireland *See issue:* 5/88

● 12-14 Solid State Lasers Top Mtg / Sino-Japanese Joint Mtg on Optical Fiber Sci and Electromagnetic Theory Beijing, China [OSA] *Contact:* Prof Ye Peide [1 Dec. 88]

● 12-14 Applied Vision Top Mtg San Francisco, CA [OSA] *Contact:* OSA [Tel. (202) 223-0920] Meetings Dept., 1816 Jefferson Pl., NW, Washington, DC 20036

16-21 1989 Conf on Dynamics of Molecular Collisions Pacific Grove, CA *See issue:* 9/88

17-21 9th Intl Conf on Vacuum Ultraviolet Radiation Phys Honolulu, HI *See issue:* 7/88

● 18-21 Strongly Correlated Electron Systems Trieste, Italy *Contact:* Anniversary Adriatico Res. Conf., Intl. Centre for Theor. Phys., P.O. Box 586, 34100 Trieste, Italy [15 Apr. 89]

● 18-21 7th Intl Conf on Integrated Optics and Optical Fiber Communication Kobe, Japan [OSA] *Contact:* Secretariat IOOC/89, c/o Business Ctr. for Academic Societies Japan [Tel. Telex 027-22268 BCJSPJ] Conf. Dept., Yamazaki Bldg., 4F, 2-40-14, Hongo, Bunkyo-ku, Tokyo 113, Japan

● 18-21 Intl Conf on Lasers in the Life Sciences Guangzhou, China [Natl. Natural Science Foundation of China, China Phys. Soc., Italian Soc. for Laser Surgery and Medicine and OSA] *Contact:* Ma Tian-Chi Quantum Electronics Inst., South China Normal Univ., Guangzhou, China

23-27 Ann Mtg AAPM Memphis, TN *See issue:* 7/87

23-28 Ann Mtg ACA Seattle, WA *See issue:* 5/88

● 24-26 2nd Micro-Optics Conf/8th Top Mtg on Gradient-Index Optical Imaging

Systems Tokyo, Japan [OSA] *Contact:* Kenichi Iga Tokyo Inst. of Tech., Res. Lab. of Precision Machinery and Electronics, 4259 Nagatsuta, Midori-ku, Yokohama 227, Japan [11 March 89]

24-27 Intl Symp on Math and Theor Phys Guarujá, Brazil *See issue:* 9/88

24-28 Conf on Nonlinear Optics and Lasers Wolfeboro, New Hampshire *See issue:* 11/88

26-1 Intl Conf on Phys of Electronic and Atomic Collisions New York, NY *See issue:* 5/88

● 30-3 12th Intl Electron Paramagnetic Resonance Symp Denver, CO *Contact:* Gareth R. Eaton, Dept. of Chemistry, Univ. of Denver, Denver, CO 80208

30-11 Natl Nuclear Phys Sum Sch Gull Lake, Michigan *See issue:* 11/88

● 31-3 6th Intl Top Mtg on Photoacoustic and Photothermal Phenomena Baltimore, MD [Johns Hopkins Applied Phys. Lab., JHU Ctr. for Nondestructive Evaluation] *Contact:* John C. Murphy [Tel. (301) 953-6214] Johns Hopkins Univ. Applied Phys. Lab., Room 2-215, Johns Hopkins Road, Laurel, MD 20707

31-4 36th Intl Field Emission Symp Oxford, UK *See issue:* 9/88

31-4 17th IUPAP Intl Conf on Thermodynamics and Statistical Mechanics Rio de Janeiro, Brazil *See issue:* 5/88

AUGUST 1989

● 1-31 Sum Sch on Chaos and Quantum Phys Les Houches, France [Université Joseph Fourier de Grenoble] *Contact:* Ecole d'Été de Physique Théorique [Tel. 50 54 40 69 or 50 54 41 33] F-74310 Les Houches, France [1 Mar. 89]

● 6-11 33rd Ann Intl Technical Symp on Optical and Optoelectronic Applied Sci and Eng San Diego, CA *Contact:* SPIE [Tel. (206) 676-3290] P.O. Box 10, Bellingham, WA 98227-0010

13-26 NATO Adv Study Inst on High-Temp Superconductors Bad Windsheim, FRG *See issue:* 9/88

14-17 APS Top Conf on Shock Compression of Condensed Matter Albuquerque, NM *See issue:* 9/88

14-18 8th Conf on Hopping Transport Chapel Hill, North Carolina *See issue:* 11/88

20-26 Intl Nuclear Phys Conf São Paulo, Brazil *See issue:* 7/88

21-24 13th Intl Conf of Amorphous and Liquid Semiconductors Asheville, North Carolina *See issue:* 11/88

21-25 CESRA Wksp on Particle Beams in the Solar Atmosphere Braunwald, Switzerland *See issue:* 11/88

● 21-26 26th Intl Conf on High Energy Accelerators Tsukuba, Japan [IUPAP, the Sci. Council of Japan, the Physical Soc. of Japan] *Contact:* Satoshi Ozaki [Tel. (81) 298-64-1171 X4041] HEACC 89 Conf. Secretariat, Natl. Lab. for High Energy Phys., 1-1 Oho, Tsukuba, Ibaraki, 305 Japan

24-26 1st Intl Conf on Amorphous Semiconductor Tech Asheville, North Carolina *See issue:* 11/88

28-31 7th Intl Conf on Dynamical Processes in Excited States of Solids Athens, GA *See issue:* 9/88

28-1 12th Intl Cong on X-Ray Optics and Microanalysis Cracow, Poland See issue: 9/88

SEPTEMBER 1989

3-7 Conf on the Computation of Electromagnetic Fields Tokyo, Japan See issue: 11/88

4-8 8th Intl Conf Electronic Properties of Two-Dimensional Systems Grenoble, France See issue: 11/88

5-8 Computations in Phys and Phys in Computation Trieste, Italy Contact: Anniversario Adriatico Res. Conf., Intl. Centre for Theor. Phys., P.O. Box 586, 34100 Trieste, Italy [30 May 89]

5-8 O-E/FIBERS Boston, MA Contact: SPIE [Tel. (206) 676-3290] P.O. Box 10, Bellingham, WA 98227-0010

5-9 1st Eur Conf on Accelerators in Applied Res Tech Frankfurt am Main/Germany [DPG] Contact: K. Bethge [Tel. 069-798 42 42] Institut für Kernphysik, August-Euler-Str. 6, D-6000 Frankfurt am Main 90, FRG

6-8 Environmental Aspects of Polymer Degradation and Stabilization: Recycling, Conservation and Industrial Applications Kingston-On-Thames, UK Contact: N. S. Allen Dept. of Chemistry, Manchester Polytechnic, Chester St., Manchester, M1 5GD UK

6-9 EMMA '89 Eur Magnetic Materials and Applications Conf Rimini, Italy Contact: L. Pareti, Istituto MASPEC C.N.R. Via Chiavari 18/A 43100 Parma, Italy [15 Feb. 89]

6-15 Course and Wksp on Tritium and Adv Fuels in Fusion Reactors Varenna, Italy See issue: 5/88

10-14 15th Eur Conf on Optical Communication Gothenburg, Sweden See issue: 9/88

10-15 VIIIth Eur Conf on Fluid and Materials Sciences in Microgravity Oxford, UK See issue: 11/88

11-13 Holographic Systems, Components and Applications Bath, England [Institution of Electronic and Radio Engineers, London] Contact: SPIE [Tel. (206) 676-3290] P.O. Box 10, Bellingham, WA 98227-0010

11-15 Eur Conf on Optical Communication Gothenburg, Sweden [OSA] Contact: ECOC'89 Secretariat Dept. of Electrical Measurements, Res. Lab. of Electro-Optics and Lasers, Chalmers Univ. of Tech., S-41296 Gothenburg, Sweden [8 Mar. 89]

11-29 Adriatico Working Party on Condensed Matter Properties of Neutron Stars Trieste, Italy Contact: Condensed Matter Activities, [Tel. 2240-1] Intl. Centre for Theor. Phys., P.O. Box 586, 34100 Trieste, Italy [30 May 89]

12-15 6th Cambridge Wksp on Cool Stars, Stellar Sys and the Sun Seattle, WA See issue: 1/88

19-26 13th Intl School on Theor Phys: Standard Model and Beyond Szczyrk, Poland See issue: 9/88

23-27 Conf and Wksp on Teaching Optics at the Tertiary Level Victoria, Australia See issue: 11/88

25-29 11th Intl Vacuum Cong and 7th Intl Conf on Solid Surfaces Cologne,

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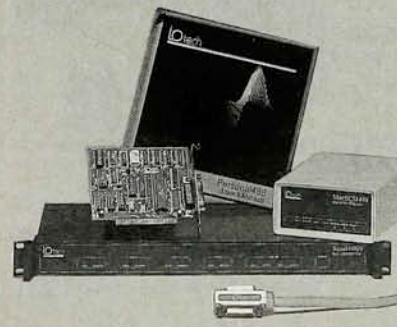
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FRG See issue: 9/88

- **26-29 IAU Colloq 117: Dynamics of Prominences** Hvar, Yugoslavia *Contact:* V. Ruzdjak, Inst. of Phys., Univ. of Zagreb, P.O. Box 304, 41001 Zagreb, Yugoslavia
- **30-4 Intl Conf on High- T_c Thin Films and Single Crystals** Ustron, Poland [Inst. of the Polish Academy of Sciences] *Contact:* Marek W. Gutowski [Tel. Telex 812 468 ifpan pl] Inst. of Phys., ON-3, Polish Academy of Sciences, Al. Lotników 32/46, PL-02-668 Warsaw, Poland

OCTOBER 1989

- **2-5 3rd Intl Symp on Borehole Geophys.** Las Vegas, NV [Minerals and Geotechnical Logging Soc.—A Chapter at Large of the SPWLA] *Contact:* Mark Mathews [Tel. (505) 667-8476] c/o Los Alamos Natl. Lab., P.O. Box 1663, MS C335, Los Alamos, NM 87545 [7 Apr. 89]
- **2-6 2nd Eur Conf on Progress in X-Ray Synchrotron Radiation Res** Rome, Italy *Contact:* Secretariat of XSR-89, c/o Mrs. L. Invidia, [Tel. Fax 06-9403427] INFN-Laboratori Nazionali di Frascati, C.P. 13, 00044 Frascati, Italy [30 Nov. 88]
- **7-13 Intl Conf on Kinetics of Nonhomogeneous (Nonlinear) Processes** Banff, Canada *Contact:* G. R. Freeman [Tel. (403) 432-3468] Chemistry Dept., Univ. of Alberta, Edmonton, T6G2G2, Canada [14 Apr. 89]
- **10-13 4th Intl Top Mtg on Nuclear Reactor Thermal-Hydraulics** Karlsruhe, Germany *See issue: 11/88*
- **15-20 OSA Ann Mtg** Orlando, FL *See issue: 1/88*
- **21-26 61st Ann Mtg S of R** Montreal, Canada *See issue: 1/88*
- **22-28 2nd Intl Conf on Solid State and Integrated Circuit Tech** Beijing, China [UC Berkeley Extension, Chinese Inst. of Electronics, in cooperation with the China Comm. for URSL, the Electrochemical Soc., IEEE-Beijing Section, the Japan Soc. of Applied Phys., and the Electronic, Magnetic and Photonic Materials Division of The Minerals, Metals and Materials Soc.] *Contact:* Linda Reid [Tel. (415) 642-4151] Continuing Education in Eng., Univ. of California Extension, 2223 Fulton St., Berkeley, CA 94720 [9 Jan. 89]
- **23-27 36th AVS Natl Vacuum Symp** Boston, MA *See issue: 7/88*
- **31-3 25th Anniversary Conf on Frontiers in Phys, High Tech and Mathematics** Trieste, Italy *Contact:* Anniversary Adriatico Res. Conf., Intl. Centre for Theor. Phys., P.O. Box 586, 34100 Trieste, Italy

NOVEMBER 1989

- **5-10 6th Intl Conf on Recent Progress in Many-Body Theories** Arad, Israel *Contact:* Melia-Te'um [Tel. (972) 57-664276] P.O. Box 8388, Jerusalem 91082, Israel
- **6-10 118th Mtg ASA** St. Louis, MO *See issue: 1/88*
- **13-17 Mtg APS Div Plasma Phys** Anaheim, CA *See issue: 1/88*
- **22-24 1st Eur Conf on Materials Sci and Tech** Aachen, Fed. Rep. of Germany *See issue: 11/88*

26-1 AAPM-RSNA Mtg Chicago, IL *See issue: 7/88*

26-1 ANS Winter Mtg San Francisco, CA *See issue: 11/88*

27-1 MRS Fall Mtg Boston, MA *See issue: 1/88*

28-1 Conf on Color Discrimination Psychophys. Williamsburg, VA *See issue: 9/88*

DECEMBER 1989

4-8 AGU Fall Mtg San Francisco, CA *See issue: 1/88*

11-21 5th Symposium on Sci and Tech Education for Development Manila, Philippines *See issue: 9/88*

JANUARY 1990

1-5 Intl Conf on Superconductivity Bangalore, India *See issue: 11/88*

6-19 21st Intl Cosmic Ray Conf Adelaide, Australia *See issue: 11/88*

9-13 175th Mtg AAS Washington, DC *See issue: 1/88*

22-25 AAPT-APS Joint Winter Mtg Atlanta, GA *See issue: 9/88*

22-26 Conf on Optical Fiber Communication San Francisco, CA *See issue: 9/88*

FEBRUARY 1990

- **5-9 Noninvasive Assessment of the Visual System Top Mtg** Incline Village, NV [OSA] *Contact:* OSA [Tel. (202) 223-0920] Meetings Dept., 1816 Jefferson Pl., NW, Washington, DC 20036
- **5-9 Laser Applications to Chemical Analysis Top Mtg** Incline Village, NV [OSA] *Contact:* OSA [Tel. (202) 223-0920] Meetings Dept., 1816 Jefferson Pl., NW, Washington, DC 20036

MARCH 1990

- **12-16 March Mtg APS** Anaheim, CA *See issue: 7/88*
- **18-23 Symp on Advances in Semiconductors and Superconductors: Phys Toward Device Applications** San Diego, CA *Contact:* SPIE [Tel. (206) 676-3290] P.O. Box 10, Bellingham, WA 98227-0010 [21 Aug. 89]

APRIL 1990

10-12 2nd New Materials and Their Applications Conf Warwick, UK *See issue: 11/88*

16-20 MRS Spring Mtg San Francisco, CA *See issue: 7/88*

MAY 1990

7-11 AGU Spring Mtg Baltimore, MD *See issue: 7/88*

21-25 CLEO'90 and IQEC'90 Anaheim, CA *See issue: 9/88*

21-25 119th Mtg ASA University Park, PA *See issue: 7/88*

JUNE 1990

10-15 ANS Annual Mtg Nashville, Tennessee *See issue: 11/88*

24-29 12th Intl Conf on Particles and Nuclei Cambridge, MA *See issue: 7/88*

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