

MAY 1989

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

8-10 **Consensus Conf on Effects of Ultraviolet Radiation on the Skin** Bethesda, MD See issue: 3/89

8-11 **5th Eur Wksp on Molecular Spectroscopy and Photon-Induced Dynamics** Wegimont, Soumagne, Belgium See issue: 3/89

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

8-12 **12th Intl Conf on Cyclotrons and Their Applications** West Berlin See issue: 3/89

8-19 **Opt Eng Short Courses** Tucson, AZ See issue: 3/89

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

9-11 **Intl Conf on Synchrotron Radiation Application** Hefei, Anhui, China See issue: 3/89

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

10-19 **IAHS Scientific Assembly** Baltimore, MD See issue: 3/89

11-13 **Teaching Vibration and Sound** DeKalb, IL See issue: 3/89

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

● 15-17 **Space Telescope Sci Inst Wksp on Clusters of Galaxies** Baltimore, MD Contact: Barbara Eller [Tel. (301) 338-4836] Elect. mail: scivax:eller (SPAN)

15-18 **6th Biennial Conf on Real-Time Applications in Nuclear, Particle, and Plasma Phys** Williamsburg, VA See issue: 11/88

● 15-19 **Short Course in Lightwave Networks** New York, NY Contact: Mary Anne Dodd [Tel. (212) 854-2498] Ctr for Telecommunications Res, Columbia U, 500 W 120th St, New York, NY 10027

15-19 **Short Course in Applied Optics** Las Cruces, NM See issue: 9/88

15-20 **IAU Symp 138: Solar Photosphere: Structure, Convection, Magnetic Fields** Kiev, USSR See issue: 1/89

15-20 **Intl Symp on Weak and Electromagnetic Interactions** Montreal, Quebec, Canada See issue: 3/89

● 16-18 **ESO Wksp on Extranuclear Activity in Galaxies** Garching bei München, FRG Contact: Evert Meurs [Tel. 49 89 32006-0] Eur South Obs, Karl-Schwarzschild-Str 2, D-8046 Garching bei München, FRG

16-19 **6th Conf on Real-Time Computer Applications in Nuclear, Particle and Plasma Phys** Williamsburg, VA See issue: 3/89

16-19 **Symp on Swift Heavy Ions in Matter** Caen, France See issue: 11/88

17-19 **APS Ann Mtg of the Div of Atomic, Molecular, and Optical Phys** Windsor, Ontario, Canada See issue: 1/89

18-20 **4th Natl Conf on Optics and Laser Eng** Varna, Bulgaria See issue: 3/89

● 20-30 **New Windows on Galaxies** Erice, Italy Contact: G. Fabiano, Ctr for Astrophys, 60 Garden St, Cambridge, MA 02138

● 21-25 **XIII Hungarian Diffraction Conf** Balatonfüred, Hungary Contact: The Secretary of HDC 89 Roland Eötvös Physical Soc, PO Box 433, H-1371 Budapest, Hungary

22-24 **1989 IEEE Intl Conf on Plasma Sci** Buffalo, NY See issue: 3/89

22-25 **5th Intl Symp on Graphite Intercalation Compounds** Berlin, FRG See issue: 9/88

● 22-26 **Gordon Res Conf on X-Ray Powder Diffractometry and Spectrometry** Austin, TX [Mat Sci and Eng Prog, Cont Eng Studies, Univ Texas at Austin] Contact: Continuing Eng Studies [Tel. (512) 471-3506] College of Eng, Univ of Texas at Austin, ECJ 10.324, Austin, TX 78712

22-26 **Intl Conf: "Inside the Sun"** Versailles, France See issue: 9/88

22-26 **IAU Symp 137: Flare Stars in Star Clusters, Associations and Solar Vicinity** Byurakan, USSR See issue: 1/89

22-26 **117th ASA Mtg** Syracuse, NY See issue: 7/87

22-29 **CP Violation in Particle Phys and in Astrophys, 25th Anniv of the CP Discovery** Château de Blois, France See issue: 3/89

23-25 **Intl Symp of Optical Coatings** Shanghai, China See issue: 1/89

24-25 **The Fast-Neutron-Breeder Fission Reactor** London, UK See issue: 3/89

24-26 **11th Intl Conf on Advances in Stabilization and Controlled Degradation of Polymers** Lucerne, Switzerland See issue: 1/89

24-29 **5th Intl Conf on Electrostatic Accelerators and Associated Boosters** Strasbourg, France and Heidelberg, Germany See issue: 3/89

25-27 **1989 Symp on VLSI Tech** Kyoto, Japan See issue: 3/89

25-27 **Symp on the 40th Anniversary of the Nuclear Shell Model** Argonne, IL See issue: 9/88

● 29-2 **Dynamics and Interactions of Galaxies** Heidelberg, FRG Contact: Roland Wielen [Tel. (06221) 405122] Astronomisches Rechen-Institut, Menchhofstrasse 12-14, D-6900 Heidelberg, FRG

29-2 **12th Intl Symp on Molecular Beams** Perugia, Italy See issue: 3/89

● 30-2 **33rd Intl Symp on Electron, Ion and Photon Beams** Monterey, CA [AVS, Electron Device Soc of IEEE] Contact: Alan D. Wilson [Tel. (914) 945-2759] IBM Res Div, Thomas J. Watson Res Ctr, PO Box 218, Room 19-241, Yorktown Heights, NY 10598

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		

- 31-2 3rd Intl Conf on Systolic Arrays Killarney, Ireland Contact: J. V. McCanny [Tel. (0232) 661111, ext. 4071] The Queen's U of Belfast, Dept of Electrical and Electronic Eng, Ashby Bldg, Stranmillis Rd, Belfast BT95AH, UK

- 31-2 11th Symp on Applied Surface Analysis Cleveland, OH Contact: Mary Zeller [Tel. (216) 433-2061] NASA Lewis Res Ctr, Mail Stop 77-1, Cleveland, OH 44135 [1 Mar 89]

31-2 7th Intl Conf on Ion and Plasma Assisted Techniques Geneva, Switzerland See issue: 3/89

31-2 43rd Ann Frequency Control Symp Denver, CO See issue: 1/89

JUNE 1989

2-12 24th Cracow School of Theor Phys: Structure of Fundamental Interactions Zakopane, Poland See issue: 3/89

4-7 Chapman Conf on the Phys of the Gulf of Mexico St. Petersburg, FL See issue: 3/89

4-30 1989 Complex Systems Sum Sch Santa Fe, NM See issue: 1/89

5-6 8th Ann Symp of AVS: Electronic Materials, Processing and Characterization Richardson, TX See issue: 1/89

5-8 1st General Mtg of the APS Top Group on Computational Phys Boston, MA See issue: 1/89

5-9 7th Intl Colloq on Plasmas and Sputtering/5th Intl Symp on Dry Etching and Plasma Deposition in Microelectronics Antibes, France See issue: 3/89

6-8 Intl Symp on Nuclear Decay Data: Spectrometric Methods, Measurements and Evaluations Braunschweig, FRG See issue: 9/88

6-9 Laser '89: Optoelektronik, Mikrowellen Munich, FRG See issue: 3/89

● 8-10 Astrophys in Antarctica Newark, DE Contact: AIA LOC [Tel. (302) 451-1843 fax] Barto Res Inst, U of Delaware, Newark, DE 19716

10-15 Adv Techniques in MRI Kiawah Island, SC See issue: 3/89

● 11-13 ESO Wksp on Low Mass Star Formation and Pre-Main Sequence Objects Garching, FRG Contact: Bo Reipurth, ESO, Karl-Schwarzschild-Str 2, D-8046 Garching bei Munchen, FRG

11-15 Mtg of the Pacific Div of AAAS Chico, CA See issue: 3/89

11-15 4th Intl Time Resolved Vibrational Spectroscopy Conf Princeton, NJ See issue: 1/89

11-15 174th Mtg AAS Ann Arbor, MI See issue: 7/87

11-16 Issues in Sci and Tech Policy Williamsburg, VA See issue: 3/89

12-14 Quantum-Limited Imaging & Information Processing Top Mtg and Image Understanding and Machine Vision Top Mtg North Falmouth, Cape Cod, MA See issue: 1/89

12-15 Intl Conf on Narrow-Gap Semiconductors and Related Materials Gaithersburg, MD See issue: 1/89

● 12-16 Gordon Res Conf on Physical Organic Chem Plymouth, NH Contact: Alexander M. Cruickshank [Tel. (401) 783-4011] Gordon Research Confs, Gordon Research Ctr, Univ. of Rhode Island, Kingston, RI, 02881-0801

12-16 Gordon Res Conf on Nuclear Chem New London, NH See issue: 3/89

● 12-16 Asteroids, Comets, Meteors III Uppsala, Sweden Contact: C.-I. Lagerkvist [Tel. 018-130265] Astronomiska Observatoriet, Box 515, S-75120 Uppsala, Sweden

12-16 Fluid Mechanics Measurements Minneapolis, MN See issue: 3/89

12-16 15th Intl Conf on Improving University Teaching Vancouver, Canada See issue: 1/89

12-16 North Amer Hyperthermia Group, Hyperthermia School St. Louis, MO See issue: 1/89

12-16 IAU Symp 139: Galactic and Extragalactic Background Radiation—Optical, Ultraviolet and Infrared Components Heidelberg, FRG See issue: 1/89

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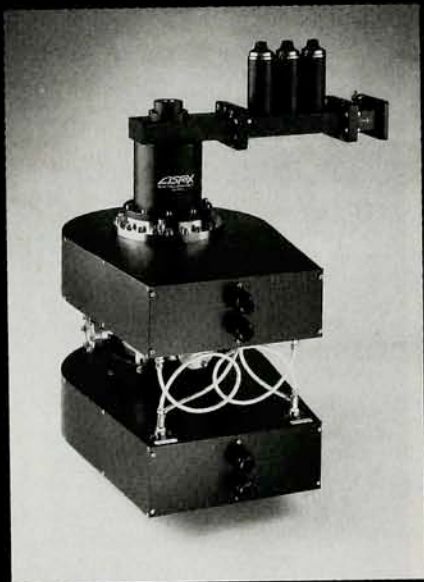


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12-16 Top Mtgs on Quantum-Limited Imaging and Image Processing, and on Signal Recovery and Synthesis North Falmouth, MA See issue: 9/88

12-2 Astrophys Wksp on the Origin and Evolution of Compact Stellar Remnants Aspen, CO See issue: 3/89

13-15 Intl Wksp on the Rietveld Method Patten, The Netherlands See issue: 3/89

13-17 Intl Symp on Heavy Quark Phys Ithaca, NY See issue: 11/88

14-16 Signal Recovery & Synthesis III Top Mtg North Falmouth, Cape Cod, MA See issue: 1/89

15-29 Advances in Nonradiative Processes in Solids Erice, Italy See issue: 11/88

● 19-23 Gordon Res Conf on Catalysis New London, NH Contact: Alexander M. Cruickshank [Tel. (401) 783-4011] Gordon Research Confs, Gordon Research Ctr, Univ. of Rhode Island, Kingston, RI, 02881-0801

● 19-23 Gordon Res Conf on Liquid Crystals Wolfeboro, NH Contact: Alexander M. Cruickshank [Tel. (401) 783-4011] Gordon Research Confs, Gordon Research Ctr, Univ. of Rhode Island, Kingston, RI, 02881-0801

● 19-23 Gordon Res Conf on Magnetic Resonance Plymouth, NH Contact: Alexander M. Cruickshank [Tel. (401) 783-4011] Gordon Research Confs, Gordon Research Ctr, Univ. of Rhode Island, Kingston, RI, 02881-0801

● 19-23 Gordon Res Conf on Three Dimensional Electron Microscopy of Macromolecules Plymouth, NH Contact: Alexander M. Cruickshank [Tel. (401) 783-4011] Gordon Research Confs, Gordon Research Ctr, Univ. of Rhode Island, Kingston, RI 02881-0801

19-23 IAU Symp 140: Galactic and Intergalactic Magnetic Field Bonn or Heidelberg, FRG See issue: 1/89

19-23 5th Intl Conf on Radiation Effects in Insulators Hamilton, Canada See issue: 1/89

19-23 7th Intl Conf on Fourier Transform Spectroscopy Fairfax, VA See issue: 9/88

● 19-24 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 Note revised ending date

19-29 Res Wksp in Condensed Matter, Atomic and Molecular Phys Trieste, Italy

19-30 US Particle Accelerator School (graduate level) See issue: 3/89

20-23 Phys of Classical Novae Madrid Spain See issue: 3/89

20-23 Interface Between Quantum Field Theory and Condensed Matter Phys Trieste, Italy See issue: 1/89

20-23 Intl Symp on In Vivo Body Composition Studies Toronto, Canada See issue: 11/88

● 21-23 Nondestructive Inspection of Composite Materials Gaithersburg, MD Contact: Conf Registrar [Tel. (301) 948-2460] Industrial Quality, Inc., PO Box 2519, Gaithersburg, MD 20879

21-23 31st Electronic Materials Conf Cambridge, MA See issue: 3/89

21-25 100th Anniversary Mtg of the Astronomical Soc of the Pacific Berkeley, CA See issue: 3/89

26-28 Ann Cong of the Canadian Assoc of Physicists Univ of Guelph See issue: 3/89

26-28 Conf on Coherence and Quantum Optics Rochester, NY See issue: 1/89

● 26-30 Astrophysical Ages and Data-tions Paris, France Contact: E. Vangioni-Flam Institut d'Astrophysique, 98 bis Blvd Arago, 75014 Paris, France.

● 26-30 Gordon Res Conf on Condensed Matter Phys Wolfeboro, NH Contact: Alexander M. Cruickshank [Tel. (401) 783-4011] Gordon Research Confs, Gordon Research Ctr, Univ. of Rhode Island, Kingston, RI, 02881-0801

● 26-30 Gordon Res Conf on Polymers New London, NH Contact: Alexander M. Cruickshank [Tel. (401) 783-4011] Gordon Research Confs, Gordon Research

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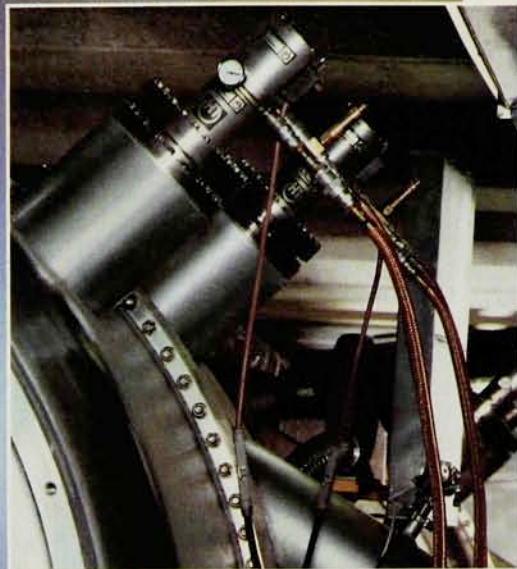


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26-30 Intl Conf on New Aspects of Nuclear Spectroscopy Crete, Greece *See issue: 1/89*

26-30 9th Intl Conf on Ion Beam Analysis Kingston, Ontario, Canada *See issue: 11/88*

26-1 Wksp on B-Factories and Related Phys Issues Blois, France *See issue: 11/88*

26-1 IAU Colloq 118: Dynamics of Small Bodies in the Solar System Nanjing, China *See issue: 1/89*

26-7 Summer Course in Applied Optics London, UK *See issue: 3/89*

27-29 Canadian Astronomical Soc Ann Mtg Montreal, Canada *See issue: 3/89*

27-30 28th Intl Liège Astrophysical Colloq, Our Changing Atmosphere Liège, Belgium *See issue: 1/89*

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 *See issue: 1/89*

3-6 2nd Wyoming Conf on the Interstellar Medium Grand Teton Natl Park, WY *See issue: 3/89*

● **3-7 Gordon Res Conf on Atomic Phys** Wolfeboro, NH *Contact: Alexander M. Cruickshank [Tel. (401) 783-4011] Gordon Research Confs, Gordon Research Ctr, Univ of Rhode Island, Kingston, RI 02881-0801*

● **3-7 Gordon Res Conf on Electron Distributions and Chemical Bonding** Plymouth, NH *Contact: Alexander M. Cruickshank [Tel. (401) 783-4011] Gordon Research Confs, Gordon Research Ctr, Univ of Rhode Island, Kingston, RI, 02881-0801*

● **3-7 Gordon Res Conf on Fiber Sci** New London, NH *Contact: Alexander M. Cruickshank [Tel. (401) 783-4011] Gordon Research Confs, Gordon Research Ctr, Univ of Rhode Island, Kingston, RI 02881-0801*

● **3-7 Gordon Res Conf on Inorganic Thin Films and Interfaces** Plymouth, NH *Contact: Alexander M. Cruickshank [Tel. (401) 783-4011] Gordon Research Confs, Gordon Research Ctr, Univ of Rhode Island, Kingston, RI 02881-0801*

3-7 Intl Conf on Megagauss Magnetic Field Generation and Related Topics Novosibirsk, USSR *See issue: 3/89*

3-7 Ultrasonics Intl 89 Conf and Exhibition Madrid, Spain *See issue: 3/89*

● **3-8 11th Eur Regional Astronom Mtg, New Windows to the Universe** Canary Islands, Spain *Contact: F. Sanchez Instituto de Astrofísica de Canarias, La Laguna, 38071 Tenerife, Spain*

3-28 Sum Sch on Liquids, Freezing and the Glass Transition Les Houches, France *See issue: 1/89*



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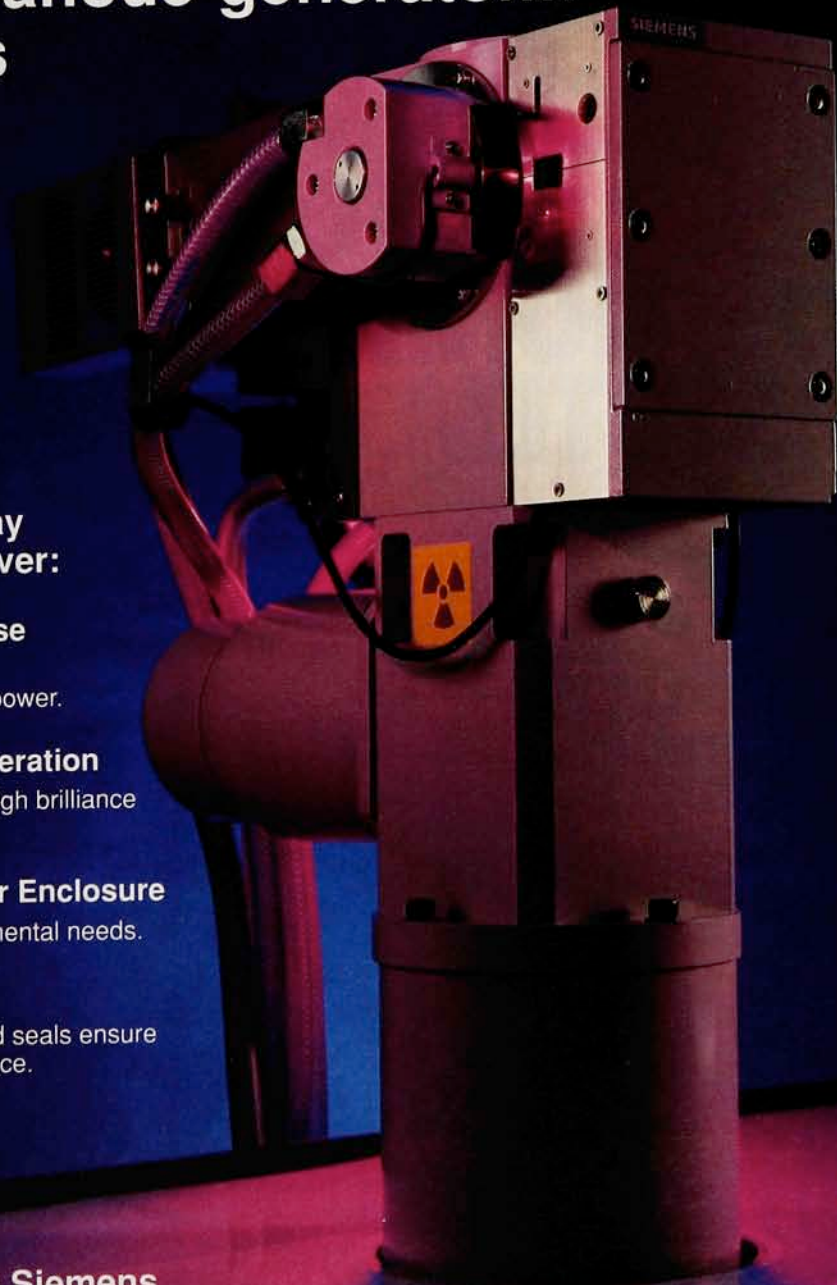
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4-7 Summer Course in Nonlinear Optics London, UK See issue: 3/89

4-7 Quasicrystals Trieste, Italy See issue: 1/89

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 See issue: 1/89

7-10 Dynamics Days Düsseldorf Düsseldorf, FRG See issue: 1/89

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

10-13 9th Specialized Colloquium Ampere: Magnetic Resonance in Polymers Prague, CSSR See issue: 3/89

● 10-14 Gordon Res Conf on Metal Hydrides Tilton, NH Contact: Alexander M. Cruickshank [Tel. (401) 783-4011] Gordon Research Confs, Gordon Research Ctr, Univ of Rhode Island, Kingston, RI 02881-0801

● 10-14 Gordon Res Conf on Molecular Energy Transfer Wolfeboro, NH Contact: Alexander M. Cruickshank [Tel. (401) 783-4011] Gordon Research Confs, Gordon Research Ctr, Univ of Rhode Island, Kingston, RI 02881-0801

● 10-14 Gordon Res Conf on Polymer Colloids Andover, NH Contact: Alexander M. Cruickshank [Tel. (401) 783-4011] Gordon Research Confs, Gordon Research Ctr, Univ of Rhode Island, Kingston, RI 02881-0801

10-14 4th Intl Conf on Electron Spectroscopy Honolulu, HI See issue: 3/89

10-14 Intl Conf on Phenomena in Ionized Gases Belgrade, Yugoslavia See issue: 3/89

10-14 1989 Intl Geoscience and Remote Sensing Symp Vancouver, BC, Canada See issue: 3/89

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

10-15 Plasma Phenomena in Solar Phys Cargèse, France See issue: 3/89

10-21 10th Santa Cruz Summer Wksp in Astr and Astrophys, on Supernovae Santa Cruz, CA See issue: 1/89

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 See issue: 1/89

12-14 Applied Vision Top Mtg San Francisco, CA See issue: 1/89

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

● 17-21 Electro-Ceramics: Processing, Properties, and Apps: Substrates to Superconductors Cambridge, MA Contact: Harry L. Tuller [Tel. (617) 253-2101] Office of the Summer Session, 50 Ames, Rm E19-356, MIT, Cambridge, MA 02139

● 17-21 Gordon Res Conf on Corrosion New London, NH Contact: Alexander M. Cruickshank [Tel. (401) 783-4011] Gordon Research Confs, Gordon Research Ctr, Univ of Rhode Island, Kingston, RI 02881-0801

● 17-21 Gordon Res Conf on Laser Diagnostics in Combustion Plymouth, NH Contact: Alexander M. Cruickshank [Tel. (401) 783-4011] Gordon Research Confs, Gordon Research Ctr, Univ of Rhode Island, Kingston, RI 02881-0801

● 17-21 Gordon Res Conf on Superconducting Films Tilton, NH Contact: Alexander M. Cruickshank [Tel. (401) 783-4011] Gordon Research Confs, Gordon Research Ctr, Univ of Rhode Island, Kingston, RI 02881-0801

● 17-21 Gordon Res Conf on Point and Line Defects and Interfaces in Semiconductors Plymouth, NH Contact: Alexander M. Cruickshank [Tel. (401) 783-4011] Gordon Research Confs, Gordon Research Ctr, Univ of Rhode Island, Kingston, RI 02881-0801

● 17-21 Gordon Res Conf on Nuclear Phys Tilton, NH Contact: Alexander M.

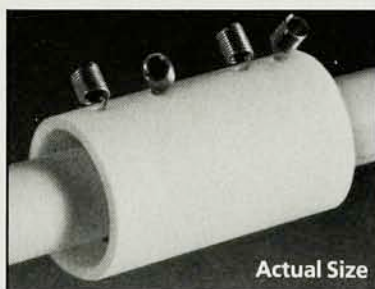
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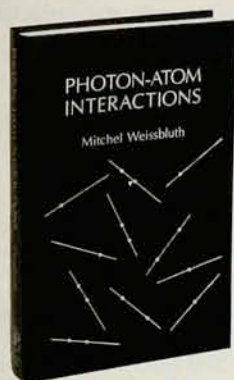
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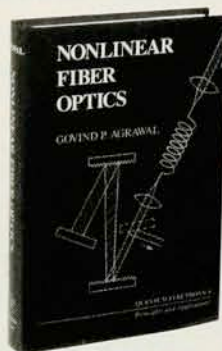
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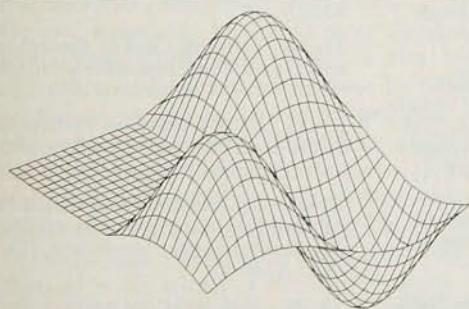
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AUGUST 1989

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6-11 Electron Microscopy Soc of America Ann Mtg San Antonio, TX See issue: 3/89

6-13 Intl Symp on Lepton-Photon Interactions Stanford, CA See issue: 3/89

7-9 2nd Intl Conf on Electrorheological Fluids Raleigh, NC See issue: 3/89

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13-17 2nd Intl Conf on Low-Energy Dislocation Structures Charlottesville, VA See issue: 3/89

13-18 Summer Course in Hadron Spectroscopy College Park, MD Contact: Brenda Dunn [Tel. (301) 454-3506] U of Maryland, College Park Campus, Dept of Phys and Astron, College Park, MD 20742-4111

13-18 12th Conf of the Intl Soc of General Relativity and Gravitation Rio de Janeiro, Brazil See issue: 3/89

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

14-25 NATO Adv Study Inst on Phys, Geometry and Topology Banff, Alta, Canada Contact: H. C. Lee [Tel. (613) 584-3311, ext. 4074] Theor Phys, Chalk River Nuclear Labs, Chalk River, Ont, Canada K0J 1J0.

14-26 Adv Study Inst on New Frontiers in QED and Quantum Optics Istanbul, Turkey Contact: A. O. Barut [Tel. (303) 492-7169] Dept of Phys, U of Colorado, Campus Box 390, Boulder, CO 80309

16-18 Polycrystalline Thin Film Prog Mtg Lakewood, CO Contact: Diane Christodaro [Tel. (303) 231-1158] Solar Energy Res Inst, Conf Coordination Section, 1617 Cole Blvd, Golden, CO 80401-3393

20-23 Materials for Biomedical Applications Philadelphia, PA See issue: 3/89

20-25 Intl Conf on Crystal Growth Sendai, Japan See issue: 3/89

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

20-29 12th Eur Crystallography Mtg Moscow, USSR See issue: 3/89

21-24 9th Intl Sum Inst in Surface Sci Milwaukee, WI Contact: Ralf Vanselow [Tel. (414) 229-5223] Dept of Chem and Lab for Surface Studies (CHEM 343), U of Wisconsin-Milwaukee, Milwaukee, WI 53201

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4-8 8th Intl Conf Electronic Properties
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France See issue: 3/89

6-9 EMMA '89 Eur Magnetic Materi-

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10-14 15th Eur Conf on Optical Com-
munication Gothenburg, Sweden See
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10-15 VIIth Eur Conf on Fluid and
Materials Sciences in Microgravity
Oxford, UK See issue: 11/88

11-13 Holographic Systems, Compo-
nents and Applications Bath, England
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tures and Properties in Physical Chem
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11-15 WE-Heraeus-Sem: Genl Rel and
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Acad of Sciences, Leninsky Prospect 53,
Moscow 117924, USSR

● 11-22 NATO Adv Study Inst on Active
Close Binaries Kusadasi, Turkey Contact:
Cafer Ibanoglu, Ege U Sci Faculty, Astron
and Space Sci Dept, Bornova, Izmir, Tur-
key

11-22 Adv Study Inst on Electronic
Properties of Multilayers and Low Di-
mensional Semiconductor Structures
Toulouse, France See issue: 3/89

● 11-23 3rd Iberian Sum Sch on Magne-
tism and Magnetic Materials Huesca,
Spain [Royal Spanish Soc of Phys]
Contact: A. del Moral [Tel. 976-35-35-57]
Departamento de Física de la Materia
Condensada, Facultad De Ciencias, Plaza
San Francisco, S/N, Universidad de Zara-
goza, 50009 Zaragoza, Spain

11-29 Adriatic Working Party on
Condensed Matter Properties of Neu-
tron Stars Trieste, Italy See issue: 1/89

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

13-15 EMAG '89: Micro 89 Exhibition
and Conf London, UK See issue: 3/89

14-19 2nd Intl Symp on Surface
Waves in Solids and Layered Structures;
4th Natl Scientific Tech Conf with Intl
Participation Varna, Bulgaria See issue:
3/89

17-22 IUVESTA Wksp on Structure and
Reactivity of Small Molecules on Sur-
faces Ofir, Portugal See issue: 3/89

17-22 4th Intl Conf on II-VI Com-
pounds West Berlin See issue: 3/89

● 18-20 23rd ESLAB Symp (X-Ray Bina-
ries; AGN and the X-Ray Background)
Bologna, Italy [Eur Space Agency]
Contact: H. Scheffer, ESA, 8-10, rue
Mario Nikis, 75738 Paris, France

18-21 Math of Geophys Sci Houston,
TX See issue: 3/89

● 18-22 11th Colloq on High Resolution
Molecular Spectroscopy Giessen, Ger-
many (GDR) Contact: M. Winnewisser,
Physikalisch-Chemisches Institut, Justus-
Leibig-Universität Giessen, Henrich-Buff-
Ring 58, D-6300 Giessen, GDR

● 19-21 3rd Annl Conf on Supercon-
ductivity and Apps Buffalo, NY [New
York State Inst on Superconductivity, New
York State Energy Res and Devel Author-
ity] Contact: Patricia Barnett [Tel. (716)
636-3463] 330 Bonner Hall, State U of
New York at Buffalo, Buffalo, NY 14260

● 19-22 Phys of the Outer Heliosphere
Warsaw, Poland Contact: S. Grzedziński
Space Res Ctr, Polish Acad of Sciences,
Orlona 21, 01-237 Warsaw, Poland

19-22 3rd Ann Utah State Univ Conf
on Small Satellites Logan, UT See issue:
3/89

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

24-30 Intl Conf on Nuclear Phys São
Paulo, Brazil See issue: 3/89

25-27 Transport Processes in Fluids
and in Mobile Phases Aachen, FRG See
issue: 3/89

25-27 Sensors and their Applications
Canterbury, UK See issue: 3/89

25-28 Eur Conf on Opt Integrated
Systems Amsterdam, NL See issue: 3/89

25-29 Cong of the French Physical
Soc Lyon, France See issue: 3/89

● 25-29 IAU Colloq No 117: Dynamics
of Prominences Hvar, Yugoslavia
Contact: V. Ruzdjak, Inst of Phys, Univ of
Zagreb, P.O. Box 304, 41001 Zagreb, Yu-
goslavia Note revised closing date.

25-29 11th Intl Vacuum Cong and 7th
Intl Conf on Solid Surfaces Cologne,
FRG See issue: 9/88

25-29 Final Stages of Stars Lyon,
France See issue: 3/89

25-30 3rd Intl Conf on Problems in
Quantum Phys—Recent and Future Ex-
periments and Interpretations Gdansk,
Poland See issue: 3/89

25-30 1st Intl Conf on Epitaxial Crys-
tal Growth Budapest, Hungary, See issue:
3/89

● 26-28 Intl Symp on Opt Memory
Kobe, Japan [Japan Soc of Appl Phys, Inst
of Electronics, Info and Communication
Engineers, Magnetics Soc of Japan, Opto-
electronic Ind and Tech Development As-
soc] Contact: ISOM 89 Secretariat, c/o
Business Ctr for Academic Societies Japan,
3-23-1 Hongo, Bunkyo-ku, Tokyo 113, Ja-
pan

30-4 Intl Conf on High- T_c Thin Films
and Single Crystals Ustron, Poland See
issue: 1/89

OCTOBER 1989

1-5 4th Eur Wksp on Problems in the Numerical Modeling of Plasmas Spitzingsee, FRG See issue: 3/89

2-5 3rd Intl Symp on Borehole Geophys Las Vegas, NV See issue: 1/89

2-5 Materials Weeks '89 Indianapolis, IN See issue: 3/89

2-6 Atomic Processes in Plasmas Gaithersburg, MD [APS, DOE, NIST] Contact: Yong-Ki Kim [Tel. (301) 975-3203] Phys Bldg, NIST, Gaithersburg, MD 20899

2-6 25th Anniversary Conf on Frontiers in Phys and High Tech Trieste, Italy See issue: 3/89

2-6 2nd Eur Conf on Progress in X-Ray Synchrotron Radiation Res Rome, Italy See issue: 1/89

3-6 IEEE Ultrasonics Symp Montreal, PQ, Canada [The IEEE Ultrasonics, Ferroelectrics, and Frequency Control Soc] Contact: Narendra K. Batra [Tel. (202) 767-3505] Code 6385, NRL, Washington, DC, 20375-5000 [31 May 89]

6-7 AAAS Forum for School Sci Arlington, VA See issue: 3/89

7-13 40th Intl Astronautical Cong Beijing, China See issue: 3/89

7-13 Intl Conf on Kinetics of Nonhomogeneous (Nonlinear) Processes Banff, Canada See issue: 1/89

8-13 Microelectronic Integrated Processing: Growth, Monitoring, and Control Santa Clara, CA Contact: SPIE [Tel. (206) 676-3290] PO Box 10, Bellingham, WA 98227-0010

9-13 12th North Amer Wksp on Cataclysmic Variables and Low-Mass X-ray Binaries Santa Fe, NM See issue: 3/89

9-14 Autumn School in Phys: Hadrons—their Structure and Interactions Lisbon, Portugal Contact: Lidia Ferreira [Tel. 773338] El comité de organizacion, Centro de Física de Matéria Condensada, Av Prof Gama Pinto, 2, 1699 Lisboa CODES, Portugal

10-13 4th Intl Top Mtg on Nuclear Reactor Thermal-Hydraulics Karlsruhe, Germany See issue: 11/88

15-18 21st Intl Thermal Conductivity Conf Lexington, KY See issue: 3/89

15-20 OSA Ann Mtg Orlando, FL See issue: 1/88

16-18 Intl Top Conf on Phys with Polarized Beams on Polarized Targets Spencer, IN See issue: 3/89

16-18 1st Intl Conf on Radioactive Nuclear Beams Berkeley, CA See issue: 3/89

16-19 6th Latin-Amer Regional Astron Mtg Rio Grande do Sul, Brazil Contact: Jacques Lépine Instituto Astronomico e Geofísico USP, Caixa Postal 30627, 01051 São Paulo, SP Brazil

18-20 3rd Conf on Crystal Growth Atlantic City, NJ Contact: John C. Jacco [Tel. (914) 246-2811] Ferroxcube Div of Ampere Electronic Corp, 5083 Kings Hwy, Saugerties, NY 12477 [1 June 89]

22-26 61st Ann Mtg S of R Montreal, Canada Contact: S of R [Tel. 212-661-9404] 335 E. 45th St., New York, NY 10017 Note revised starting date.

22-28 2nd Intl Conf on Solid State and Integrated Circuit Tech Beijing, China See issue: 1/89

23-27 IAU Symp 137: Flare Stars in Star Clusters, Associations and Solar Vicinity Byurakan, USSR Contact: L. V. Mirzoyan Byurakan Astrophys Observatory, 378433 Armenia, USSR

23-27 Intl Symp CNES-Intercosmos: 1st Results of the Phobos Mission and Future Space Exploration of Mars Palais de congrès, Paris, France See issue: 3/89

23-27 36th AVS Natl Vacuum Symp

Boston, MA See issue: 7/88

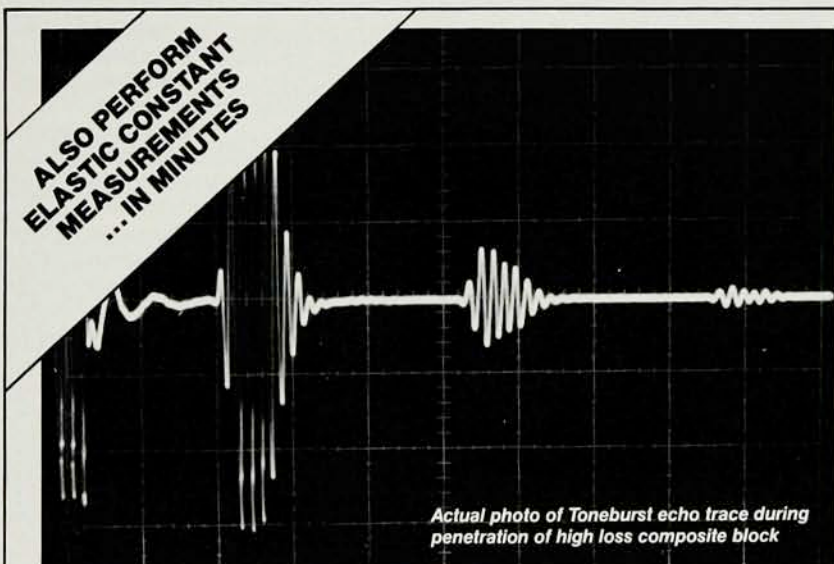
26-29 History of Sci Soc Ann Mtg Gainesville, FL See issue: 3/89

29-2 Conf on Electrical Insulation and Dielectric Phenomena Leesburg, VA See issue: 3/89

30-3 5th Intl Symp on the Production and Neutralization of Negative Ions and Beams Upton, NY See issue: 3/89

31-3 25th Anniversary Conf on Frontiers in Phys, High Tech and Mathematics Trieste, Italy See issue: 1/89

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