

JANUARY 1987

- 19-22 **Conf on Optical-Fiber Communication, Int Conf on Integrated Optics and Optical-Fiber Communication** Reno, NV *See issue: 1/86*
- 26-28 **Top Mtgs on Laser Analytical Spectroscopy and Noninvasive Assessment of Visual System** Lake Tahoe, NV *See issue: 1/86*
- 27-29 **Phys and Chem of Semiconductor Interfaces Conf** Salt Lake City, UT *See issue: 7/86*
- 28-30 **Int Conf on Stability of Amorphous Silicon Alloy Materials and Devices** Palo Alto, CA *See issue: 9/86*
- 28-30 **34th Ann Conf Western Spectroscopy Assoc** Pacific Grove, CA *See issue: 11/85*
- 28-31 **Ann Joint Mtg AAPT and APS** San Francisco, CA *Contact: AAPT, Suite 101, 5110 Roanoke Pl., College Park, MD 20740 Includes SPS Zone 12 meeting*

FEBRUARY 1987

- 1-6 **Int Symp on Pattern Recognition and Acoustical Imaging, Conf on Med Imaging** Newport Beach, CA

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].

Conferences sponsored by AIP member societies are listed with dates in boldface.

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

AAAS American Association for the Advancement of Science
AAPM American Association of Physicists in Medicine
AAPT American Association of Physics Teachers
AAS American Astronomical Society
ACA American Crystallographic Association
AGU American Geophysical Union
ANS American Nuclear Society
APS American Physical Society
ASA Acoustical Society of America
AVS American Vacuum Society
BNL Brookhaven National Laboratory
CNRS Centre National de la Recherche Scientifique
DOE Department of Energy
DPG Deutsche Physikalische Gesellschaft
EPS European Physical Society
IAEA International Atomic Energy Agency

- See issue: 9/86*
- 2-6 **8th Nuclear and Particle Phys Sum Sch** Launceston, Tasmania, Australia *See issue: 7/86*
- 6-8 ➤ **Conf on Technological Literacy** Washington, DC *Contact: L. J. Waks [Tel. 814-865-9951] 128 Willard, Box C, Pennsylvania State Univ., University Park, PA 16802*
- 9-13 **Southwest Conf on Optics** Albuquerque, NM *See issue: 1/86*
- 10 ➤ **SPS Zone 6 Mtg** Jacksonville, FL *Contact: J. S. Browder [Tel. 904-744-6384] Phys. Dept., Jacksonville Univ., Jacksonville, FL 32211*
- 14-19 **Ann Mtg AAAS** Chicago, IL *See issue: 5/86*
- 16-18 **Top Mtg on Microphys of Surfaces, Beams and Adsorbates** Santa Fe, NM *See issue: 9/86*
- 17-27 **26th Schlading Winter Sch on Recent Developments in Math Phys** Schlading, Austria *See issue: 9/86*
- 21 ➤ **SPS Zone 1 Mtg** Worcester, MA *Contact: J. J. Collins [Tel. 617-793-3381] P. O. Box 371, College of the Holy Cross, Worcester, MA 01610*
- 22-27 **Int Mtg Adhesion Soc** Williamsburg, VA *See issue: 11/85*

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

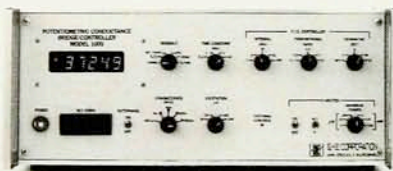
- 23-27 ➤ **Gordon Res Conf on Crystal Growth** Santa Barbara, CA *Contact: A. M. Cruickshank [Tel. 401-783-4011] Gordon Res. Ctr., Univ. of Rhode Island, Kingston, RI 02881*
- 23-27 **3rd Int Conf on Ultrastructure Processing of Ceramics, Glasses and Composites** San Diego, CA *See issue: 5/86*
- 25-26 **Mtg on Vibration Control in Optics and Metrology** London, UK *See issue: 9/86*
- 26-28 ➤ **1st Int Symp on 4th Family of Quarks and Leptons** Santa Monica, CA *Contact: C. Murray [Tel. 608-262-2625] High-Energy Phys., Univ. of Wisconsin, 1150 University Ave., Madison, WI 53706*

MARCH 1987

- 5-7 **Mtg Texas Secs AAPT and APS** Abilene, TX *See issue: 1/86*
- 9-14 **Mtg on Solid-State Phys** Münster, FRG *See issue: 11/86*
- 10-14 ➤ **Conf on Origin and Evolution of Planetary and Satellite Atmospheres** Tucson, AZ *Contact: M. S. Matthews [Tel. 602-621-2902] Lunar and Planetary Lab, Univ. of Arizona, Tucson, AZ 85721*
- 11-13 **Top Mtg on Optical Data Storage** Lake Tahoe, NV *See issue: 1/86*
- 11-18 ➤ **Int Wksp on Strings, Cosmology and Composite Structures** College Park, MD *Contact: Elementary Particles Group [Tel. 301-454-7464] Dept. of Phys. and Astron., Univ. of Maryland, College Park, MD 20742*
- 12-14 **Int Symp on Quantum Biol and Quantum Pharmacology** Gainesville, FL *See issue: 9/86*
- 13-14 ➤ **SPS Zone 8 Mtg** Muncie, IN *Contact: M. Beouy [Tel. 317-285-8860] Phys. Dept., Ball State Univ., Muncie, IN 47306*
- 13-20 ➤ **Mtg EPS Council and Committees** Como, Villa Olmo, Italy *Contact: G. Thomas [Tel. 022-931130] EPS, CH-213 Petit-Lancy 2, Italy*
- 15-20 **ACA Ann Mtg** Austin, TX *See issue: 7/86*
- 15-20 **Tech Symp Southeast on Optics and Optoelectronics** Orlando, FL *See issue: 11/85*
- 16-18 **Top Mtg on Optical Computing** Lake Tahoe, NV *See issue: 1/86*
- 16-19 **Mtg on Surface Phys** Innsbruck, Austria *See issue: 11/86*
- 16-19 **1987 Particle Accelerator Conf**

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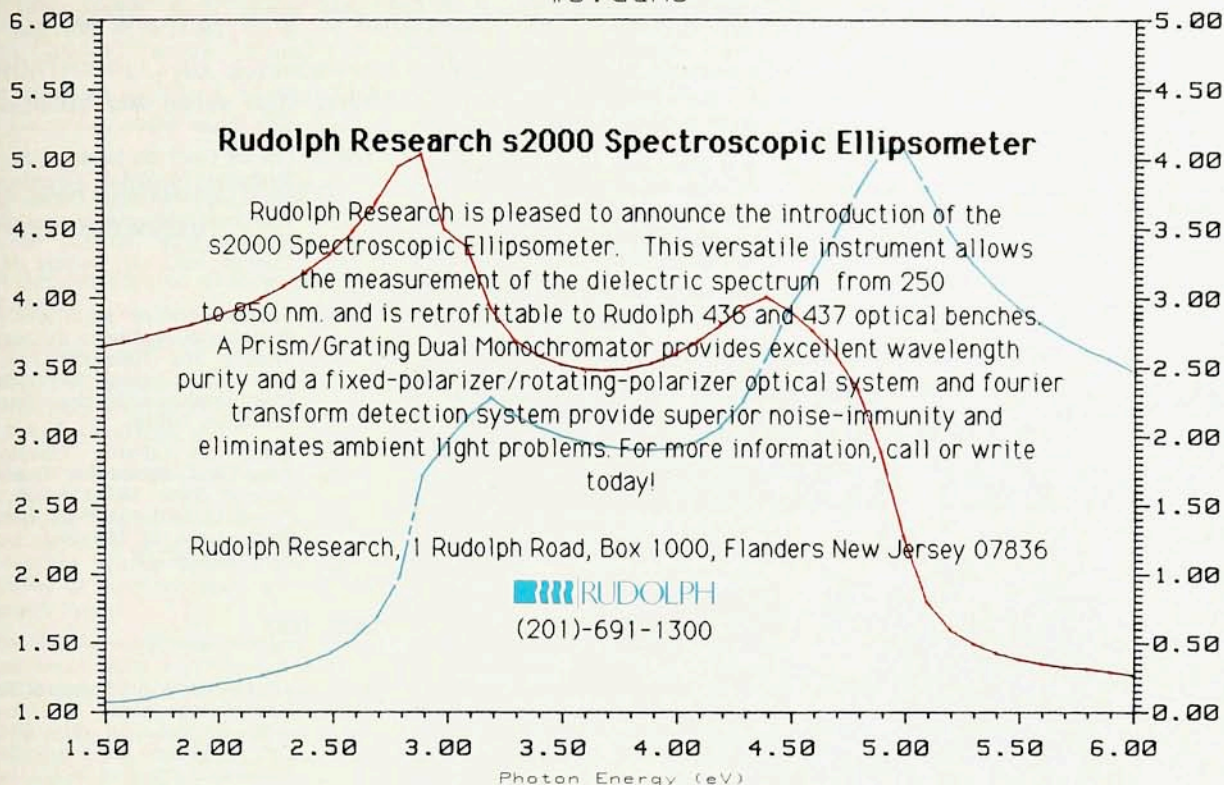
- Washington, DC See issue: 11/86
- 16-20 **Mtg on Atomic, Molecular and Plasma Phys** Göttingen, FRG See issue: 11/86
- 16-20 **APS March Mtg** New York, NY Contact: W.W. Havens Jr, APS, 335 E. 45th St., New York, NY 10017 Includes SPS program
- 16-21 **Int Symp on Atomic, Molecular and Solid-State Theory, Scattering Problems, Many-Body Phenomena and Computational Methods** Gainesville, FL See issue: 9/86
- 17-27 **NATO Adv Study Inst on Chem Crystallography with Pulsed Neutrons and Synchrotron Radiation** Alvor, Algarve, Portugal See issue: 9/86
- 18-20 **Mtg on Particle Phys** Zurich, Switzerland See issue: 11/86
- 18-20 **Top Mtg on Photonic Switching** Lake Tahoe, NV See issue: 9/86
- 18-20 **Top Mtg on Machine Vision** Lake Tahoe, NV See issue: 1/86
- 23-27 **Mtg on Nuclear Phys** Groningen, The Netherlands See issue: 11/86
- 23-27 **14th Int Conf on Metallurgical Coatings** San Diego, CA See issue: 11/86
- 24-26 **4th Interdisciplinary Wksp on Solitons and Coherent Structures** Grenoble, France Contact: J.P. Boucher, CENG—Grenoble, DRF-DRPE, Service de physique, 85X-38041-Grenoble, France [1 Feb. 87]
- 24-27 **Mtg on Acoustics** Aachen, FRG See issue: 11/86
- 29-9 **NATO Adv Study Inst on Time-Dependent Effects in Disordered Materials** Geilo, Norway See issue: 11/86
- 30-1 **Mtg on Crystallography** Berlin, FRG See issue: 11/86
- 30-3 **51st Phys Convention** Berlin, FRG See issue: 11/86
- 30-4 **4th Int Symp on Optical and Optoelectronic Applied Sci and Eng** The Hague, The Netherlands See issue: 9/86
- 31-3 **Schrödinger Centenary Conf** London, UK See issue: 7/86
- 8-11 **Electrostatics '87 Conf** Oxford, UK See issue: 9/86
- 9-14 **12th Gen Assembly Eur Geophys Soc** Strasbourg, France Contact: A.K. Richter [Tel. 49-5556-411] Max-Planck-Institut für Aeronomie, Postfach 20, D-3411 Katlenburg-Lindau, FRG [9 Jan. 87]
- 11 **SPS Zone 2 Mtg** Rochester, NY Contact: H. Gove [Tel. 716-275-7851] Phys. Dept., Univ. of Rochester, Rochester, NY 14627
- 15-18 **1st Yukawa Int Sem on Mesons and Quarks in Nuclei** Kyoto, Japan See issue: 9/86
- 16-18 **8th Wksp on Grand Unification** Syracuse, NY Contact: Phys. Dept., Syracuse Univ., Syracuse, NY 13244-1130
- 20-22 **Int Symp on Magnetism of Inter-metallic Compounds** Kyoto, Japan See issue: 9/86
- 20-23 **APS Spring Mtg** Crystal City, VA Contact: W.W. Havens Jr, APS, 335 E. 45th St., New York, NY 10017 Includes SPS meeting
- 20-24 **MRS Spring Mtg** Anaheim, CA See issue: 1/86
- 20-24 **11th Int Conf on Particles and Nuclei** Kyoto, Japan See issue: 1/86
- 21-23 **22nd Int Microbalance Techniques Conf** Rabat, Morocco See issue: 9/86
- 23-24 **SPS Zone 7 Mtg** Toledo, OH Contact: C.E. Theodosiou [Tel. 419-537-2247] Phys. Dept., Univ. of Toledo, Toledo, OH 43606
- 23-25 **SPS Zones 4, 5, 6 Mtg, Nat Conf on Undergrad Res** Asheville, NC Contact: M.J. Ruiz [Tel. 704-258-6442] Phys. Dept., Univ. of North Carolina, Asheville, NC 28804
- 23-25 **Symp on Isaac Newton's Philosophia Naturalis Principia Mathematica** College Park, MD, and Washington, DC See issue: 5/86
- 27-1 **CLEO '87: Conf on Lasers and Electro-optics** Baltimore, MD See issue: 3/86
- 27-1 **IQEC '87: Int Quantum Electronics Conf** Baltimore, MD See issue: 3/86
- 27-1 **AAPM Spring Sch—Aspects of Hypothermia** Durham, NC Contact: E. Osterman, AAPM, 335 E. 45th St., New York, NY 10017
- 29-1 **1987 Spring Sem on the Profession of Med Phys** Lake Tahoe, CA [So. Cal. Chptr. AAPM] Contact: N.A. Baily, Dept. of Radiology, M-010, Univ. of California—San Diego, La Jolla, CA 92093

APRIL 1987

- 3-4 **NYS Sec APS Symp on Phys of Thin Films** Briarcliff Manor, NY See issue: 9/86
- 6-8 **5th Oxford Conf on Microscopy of Semiconducting Materials** Oxford, UK See issue: 9/86
- 6-9 **Symp on the Diversity and Similarity of Comets** Brussels, Belgium Contact: M. Scherer [Tel. 32-2-3751579] Institut d'Aeronomie Spatiale de Belgique, Avenue Circulaire 3, 1180 Bruxelles, Belgium
- 7-10 **7th General Conf EPS Condensed-Matter Div** Pisa, Italy See issue: 7/86
- 8-9 **23rd Ann Mtg Nat Council on Radiation Protection and Measurements** Washington, DC See issue: 9/86

MAY 1987

- 3-7 **5th Int Symp on Gaseous Dielectrics** Knoxville, TN See issue: 1/86
- 4-7 **Soc of Plastics Eng 45th ANTEC Mtg** Los Angeles, CA See issue: 9/86
- 4-17 **Wksp on Nonlinear Charge Density Wave Systems** Trieste, Italy Contact: ICTP [Tel. 22401] Condensed-Matter Secty., P.O. Box



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586, Miramare, Strada Costiera, I-34100 Trieste, Italy *Runs through 17 July*

11-14 **30th Mtg Acoustic Emission Working Group** Norman, OK *See issue: 11/86*

11-15 **113th ASA Mtg** Indianapolis, IN *See issue: 7/84*

11-19 **Spring College in Materials Sci on Metallic Materials** Trieste, Italy *Contact: ICTP [Tel. 22401] Condensed-Matter Secty., P.O. Box 586, Miramare, Strada Costiera, I-34100 Trieste, Italy*

12-14 **2nd Ann "It's Elemental" Symp and Exhibition** Chicago, IL *Contact: R.S. Zutkis [Tel. 312-291-9161] Infoscience Services, 2970 Maria Ave., P.O. Box 153, Northbrook, IL 60065-0153*

12-15 **STIP Symp on Physical Interpretations of Solar Interplanetary and Cometary Intervals** Huntsville, AL *See issue: 5/86*

13-15 **Sci Computing and Automation Conf and Exhibit** Amsterdam, The Netherlands *See issue: 7/86*

18-22 **3rd Wksp on Perspectives in Nu-**

clear Phys at Intermediate Energies Trieste, Italy *Contact: ICTP [Tel. 22401] P.O. Box 586, Miramare, Strada Costiera, I-34100 Trieste, Italy*

18-22 **AGU Spring Mtg** Baltimore, MD *See issue: 9/86*

25-29 **9th Int Conf on Noise in Physical Systems** Montreal, Canada *Contact: C.M. Van Vliet, Centre de Recherches Mathématiques, Univ. de Montreal, CP 6128-A, Montreal, Quebec, H3C 3J7, Canada [15 Jan. 87]*

27-30 **Loyola Conf on Math and Interpretational Problems in Quantum Theory and Relativity** New Orleans, LA *Contact: A.R. Marlow, Phys. Dept., Loyola Univ., New Orleans, LA 70118*

27-30 **Wksp on Lorentz Transformations and Spacetime Geometry** College Park, MD *Contact: Y.S. Kim [Tel. 301-454-3542] Dept. of Phys., Univ. of Maryland, College Park, MD 20742*

JUNE 1987

4-5 **8th US Symp on Compact Toroid Res** College Park, MD *Contact: A.W. DeSilva [Tel. 301-454-3516] Lab. for Plasma and Fusion Energy Studies, Energy Res. Bldg., Univ. of Maryland, College Park, MD 20742*

9-11 **Int Conf on Cometary Plasma Phys** Trieste, Italy *See issue: 11/86*

9-13 **1987 Mtg Deutsche Gesellschaft für Angewandte Optik** Berchtesgaden, Bavaria, FRG [Ger. Soc. for Appl. Opt.] *Contact: R. Torge [Tel. 07364-202214] c/o C. Zeiss, Postfach 1369-1380, D-7082 Oberkochen, FRG*

10-13 **Dynamic Days** Düsseldorf, FRG *Contact: G. Eilenberger [Tel. 2461-61 3136] IFF, KFA Jülich, Postfach 1913, D-5170 Jülich 1, FRG*

10-19 **NATO Adv Study Inst on Chem Phys of Intercalation** Chateau de Bonas, Toulouse, France *Contact: J.E. Fischer, MSE/LRSM K1, Univ. of Pennsylvania, Philadelphia, PA 19104 [30 Mar. 87]*

11-25 **4th Wksp on Nonlinear Evolution Eqs and Dynamical Sys** Balaruc-les-Bains, Montpellier, France *See issue: 9/86*

14-18 **ASME Symp on Flow of Thin Fluid Films** Cincinnati, OH *See issue: 7/86*

14-18 **170th Mtg AAS** Vancouver, BC, Canada *See issue: 1/86*

15-17 **2nd Nordic Conf on Surface Sci** Linköping, Sweden *See issue: 11/86*

15-29 **Sum Inst on Disordered Processes** Erice, Italy *See issue: 9/86*

21-25 **5th Nat Synchrotron Radiation Instrumentation Conf** Madison, WI *See issue: 7/86*

22-25 **2nd Int Conf on Structure of Surfaces** Amsterdam, The Netherlands *Contact: J.F. van der Veen, FOM—Inst. for Atomic and Molec. Phys., Kruislaan 407, 1098 SJ Amsterdam,*

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Supersymmetry and Supergravity

A Reprint Volume of Physics Reports

edited by M. Jacob

1986 968 pages
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The reprint volumes of Physics Reports combine issues which cover a rapidly changing field or emphasize different aspects of it at successive intervals. This new volume contains a detailed survey of supersymmetry and supergravity theory.

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Dislocations in Solids Volume 7

edited by F.R.N. Nabarro

1986 440 pages
Price: US \$104.50/Dfl. 235.00
ISBN 0-444-87011-3

The first five volumes of this series formed a basic statement of the knowledge available on dislocations in solids. Volumes 5, 6 and the present volume are

concerned with some of the applications of this knowledge to practical problems of metallurgy and materials science, and with some recent advances in research on dislocations.

The volume begins with a review of a recent development, the study of the electrical noise associated with the presence and motion of dislocations and point defects during plastic deformation. The second chapter gives a detailed account of the mechanisms which resist the motion of a dislocation through the crystal lattice, a topic which is fundamental to any dynamical theory of plastic deformation. This is followed by a review of the properties of dislocations in covalent crystals which display the remarkable interactions between the mechanical and electrical properties of dislocations in semiconductors. The last two chapters are concerned with more direct applications, such as the formation and evolution of dislocation structures during radiation damage and how the role of dislocations in martensitic transformations can now be discussed in a quantitative way.

Contents: Preface. Electrical noise associated with dislocations and plastic flow in metal (G. Bertotti, A. Ferro, F. Fiorillo and P. Mazetti). Mechanisms of dislocation drag (V.I. Alshits and V.L. Indenbom). Dislocations in covalent crystals (H. Alexander). Formation and evolution of dislocation structures during irradiation (B.O. Hall). Dislocation theory of martensitic transformations (G.B. Olsen and M. Cohen). Author index. Subject index. Cumulative index.

Hadronic Physics at Intermediate Energy

Proceedings of the Winter School held in Folgaria, Italy, February 17-22, 1986

edited by T. Bressani

1986 x + 484 pages
Price: US \$51.00/Dfl. 115.00
ISBN 0-444-87023-7

This book presents, at an elementary level, the main perspectives of intermediate energy physics with hadrons. This is a field which unifies nuclear and particle physics both from a theoretical and experimental point of view. Future possibilities in the field are presented and discussed in the light of the European Hadron Facility. The topics presented at the school can be divided

into four sections as follows:-

- theoretical aspects of the hadronic interactions;
- subnuclear physics with hadrons at intermediate energy;
- nuclear physics with hadrons at intermediate energy;
- instrumental aspects.

Contents: Preface. I. Theoretical Aspects of the Hadronic Interactions. The standard model: its foundations and its problems (G. Preparata). Hadron spectroscopy - A relativistic quark-diquark model (E. Predazzi). Quark and lepton flavor mixing: role of intermediate energies (N. Paver). Spin effects at short distances (J. Soffer). On the EMC effect (E. Predazzi). II. Subnuclear Physics with Hadrons at Intermediate Energy. Hadron spectroscopy from $p\bar{p}$ annihilation (P. Dalpiaz). Rare decays of K mesons (R. Cester). Charm and beauty physics at $\sqrt{s} = 20$ GeV with a pp collider of high luminosity (P. Pistilli). Introduction to spin phenomena in high energy particle physics (P. Schiavon). Coherent production by nuclei (G. Bellini and L. Moroni). Use of the European Hadron Facility combined with an underground detector to study neutrino oscillations (M. de Vincenzi and P. Pistilli). Present knowledge of the axial-vector weak interaction coupling constant (A. Bertin and A. Vitale). Muon capture in hydrogen and deuterium: Next generation experiments (A. Bertin and A. Vitale). Physics with jet targets at the SPS $p\bar{p}$ collider (L. Dick and B. Kubischta). III. Nuclear Physics with Hadrons at Intermediate Energy. Perspectives of the nuclear physics: the role of the hadronic probes (T. Bressani). Relevant aspects and perspectives of low-energy heavy-ion reactions (R.A. Ricci). Color degrees of freedom in nuclear physics (F. Cannata). Hypernuclear physics (T. Bressani). Hadron scattering on nuclei (S. Costa). Anti-proton-nucleus interaction: Review of the experimental situation (G. Piragino). Exploring quark-gluon degrees of freedom in nuclei (E. Chiavassa). High-energy nucleus-nucleus collisions and nuclear matter (R.A. Ricci). IV. Instrumental Aspects. High intensity proton synchrotrons and the E.H.F. project (F. Bradmante). Use of semiconductors in experimental physics (F. Forti, M.A. Giorgi and G. Triggiani). The radiofrequency quadrupole linear accelerator (M. Puglisi). Antiprotons trapping and cooling (N. Beverini, F. Scuri and G. Torelli). An introduction to beam cooling techniques (R. Calabrese). Electron cooling for p-p machines at intermediate energies (L. Tecchio). Cherenkov pick-ups in the microwave band (G. di Massa and G.V. Vaccaro). Author index. Subject index.

The Netherlands [1 Mar. 87] *Note changed dates*

- 22-26 **10th Information Processing in Med Imaging Conf** Utrecht, The Netherlands *See issue: 7/86*
- 22-4 **Res Wksp in Condensed-Matter, Atomic and Molec Phys** Trieste, Italy *Contact: ICTP [Tel. 22401] Condensed-Matter Secty., P. O. Box 586, Miramare, Strada Costiera, I-34100 Trieste, Italy Runs through 4 September*
- 24-27 **AAPT Sum Mtg** Bozeman, MT *See issue: 1/86*
- 29-31 **NATO Adv Study Inst on As-**

trophys Fluid Dynamics Les Houches, France *Contact: Ecole d'Eté de Physique Théorique [Tel. 5054-4069] 74310 Les Houches, France [1 Mar. 87] Runs through 31 July*

- 29-3 **Conf on Phys and Technol of Amorphous SiO₂** Les Arcs, France *Contact: A. Revesz [Tel. 301-469-6675] Electronics Technol. Div., NRL, Washington, DC 20375*
- 29-3 **Int Conf on Nuclear Shapes** Crete, Greece *Contact: C. A. Kalfas [Tel. 6518-770] Tandem Accel. Lab., NRC Democritos, Agia Paraskevi, 15310 Athens, Greece*

- 29-3 **Top Mtg on Color Appearance, Int Symp on Color Vision Deficiencies** Annapolis, MD *Contact: OSA [Tel. 202-223-8130] 1816 Jefferson Pl. NW, Washington, DC 20036*

JULY 1987

- 12-17 **1987 Conf on Dynamics of Molecular Collisions** Wheeling, WV *See issue: 7/86*
- 13-17 **4th Int Conf on Multiphoton Processes** Boulder, CO *See issue: 9/86*
- 13-17 **AAPM Sum Sch** Ann Arbor, MI *See issue: 1/86*
- 19-23 **29th Ann Mtg AAPM** Detroit, MI *See issue: 1/86*
- 19-24 **18th Biennial Conf on Carbon** Worcester, MA *See issue: 9/86*
- 20-24 **Inter Amer Conf on Phys Educ** Oaxtepec, Mexico *See issue: 11/86*
- 26-31 **Am Conf on Theor Chem** Gull Lake, MN *See issue: 1/86*
- 27-30 **5th Int Top Mtg on Photoacoustic and Photothermal Phenomena** Heidelberg, FRG *Contact: OSA [Tel. 202-223-8130] 1816 Jefferson Pl. NW, Washington, DC 20036*
- 27-31 **7th Int Conf on Electronic Properties of Two-Dimensional Sys** Santa Fe, NM *See issue: 11/86*
- 27-31 **Gordon Res Conf on Nonlinear Optics and Lasers** Wolfeboro, NH *See issue: 11/86*
- 27-31 **Top Mtg on Coherent Laser Radar** Aspen, CO *Contact: OSA [Tel. 202-223-8130] 1816 Jefferson Pl. NW, Washington, DC 20036*

AUGUST 1987

- 2-6 **NMR Symp** Denver, CO *Contact: J. F. Haw, Dept. of Chem., Texas A&M Univ., College Station, TX 77843*
- 2-6 **10th Int epr Symp** Denver, CO *Contact: G. R. Eaton [Tel. 303-871-2980] Dept. of Chem., Univ. of Denver, Denver, CO 80208*
- 4-29 **Les Houches Sum Sch on Highly Ionized Atoms** Les Houches, France *Contact: Ecole d'Eté de Physique Théorique [Tel. 5054-4069] 74310 Les Houches, France [1 Mar. 87]*
- 10-14 **7th Gen EPS Conf** Helsinki, Finland [Finnish Phys. Soc., EPS] *Contact: M. Vuori [Tel. 358-0-461927] Low Temp. Lab., Helsinki Univ. of Tech., SF-02150 Espoo, Finland [30 Mar. 87]*
- 10-14 **Gordon Conf on Dynamics of Simple Systems in Chem and Phys** Wolfeboro, NH *Contact: E. F. Redish, Dept. of Phys. and Astron., Univ. of Maryland, College Park, MD 20742*
- 12-14 **9th Univ Conf on Glass Sci: Stability of Glass** Troy, NY *See issue: 11/86*
- 12-20 **Gen Assembly ACA, 14th Cong Int Union Crystallography** Perth, Australia *See issue: 1/86*

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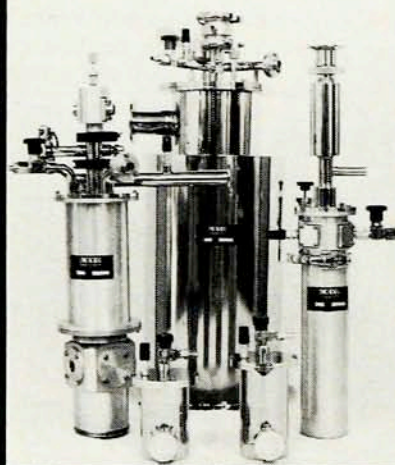
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- 17-19 **Int Conf on Electronic Structure and Phase Stability in Adv Ceramics** Argonne, IL *See issue: 11/86*
- 17-21 **10th Int Conf on Luminescence** Beijing, China *See issue: 9/86*
- 20-22 **Mtg on X-Ray Powder Diffractometry** Perth, Western Australia *See issue: 7/86*
- 23-28 **14th Gen Assembly Int Commission for Optics** Quebec, Canada *See issue: 1/86*
- 23-29 → **Int Mtg on Differential Geometrical Methods in Math Phys** Como, Villa Olmo, Italy *Contact:* K. Bleuler [Tel. 0049-228-732365] Inst. für Theoretische Kernphysik, Universität Bonn, West Germany
- 24-28 **Int Conf on Fourier and Computerized IR Spectroscopy** Vienna, Austria *See issue: 1/86*
- 24-28 **11th Int Symp on Nonlinear Acoustics** Novosibirsk, USSR *See issue: 1/86*
- 24-29 → **Wksp on Theory of Fusion Plasmas** Varenna, Italy *Contact:* F. Troyon [Tel. 41-21-473455] CRPP, Ecole Polytechnique Fédérale, 21, Ave. des Bains, 1007 Lausanne, Switzerland
- 27-30 **6th Int Conf on Biomagnetism** Tokyo, Japan *See issue: 7/86*
- 28-29 → **1987 Int Superconductivity Electronics Conf** Tokyo, Japan *Contact:* M. Sugahara [Tel. 045-335-1451, ext. 2808] Dept. of Electronic and Computer Eng., Yokohama Nat. Univ., 156 Tokiwadai, Hodogaya-ku, Yokohama, 240 Japan
- 31-4 **Int Symp on Capture Ray Spectroscopy and Related Topics** Brussels, Belgium *See issue: 7/86*

SEPTEMBER 1987

- 1-11 **S Course and Wksp on Phys of Mirrors, Reversed-Field Pinches and Compact Tori** Varenna, Italy *See issue: 7/86*
- 6-10 → **5th Int Conf on Vibrations at Surfaces** Garmisch-Partenkirchen, West Germany *Contact:* H. Conrad [Tel. 49-30-8305500] Fritz-Haber-Institut der Max-Planck-Gesellschaft, Faradayweg 4-6, D-1000 Berlin 33, West Germany
- 6-11 **Mtg IOP Electron Microscopy and Analysis Group** Manchester, UK *See issue: 9/86*
- 6-13 → **4th LEAR Wksp** Villars-sur-Ollon, Switzerland *Contact:* C. Leluc [Tel. 41-22-219355] Univ. of Geneva, DPNC, 24, quai E. Ansermet, CH-1211 Geneva 4, Switzerland
- 6-14 → **4th Petra Sch of Phys** Amman, Jordan *Contact:* A. S. Saleh, Dept. of Phys., Yarmouk Univ., Irbid, Jordan
- 7-9 **Conf on Nuclear Interactions and Structures** Univ. of Sussex, UK

See issue: 7/86

- 7-11 → **42nd Int Mtg Phys Chem: Chem Reactivity in Liquids** Paris, France *Contact:* C. Troyanowsky [Tel. 1-4707-5448] SFC, Div. de Chimie Physique, 10 Rue Vauquelin, 75231 Paris, Cedex 05, France [1 Mar. 87]
- 7-2 → **Wksp on Telematics** Trieste, Italy *Contact:* ICTP [Tel. 22401] P.O. Box 586, Strada Costiera 11, I-34100 Trieste, Italy *Runs through 2 October*
- 9-11 **7th Gamm Conf on Numerical Methods in Fluid Mech** Louvain-la-Neuve, Belgium *See issue: 9/86*
- 14-18 → **9th Jahn-Teller Symp** Nottingham, UK *Contact:* C. A. Bates, Dept. of Phys., Univ. of Nottingham, NG7 2RD, UK
- 14-19 → **5th Int Conf on Nuclei Far from Stability** Ontario, Canada *Contact:* J. C. Hardy, Chalk River Nuclear Labs., Chalk River, Ontario, Canada KOJ 1J0
- 16-18 **Optical Memory Symp** Tokyo, Japan *See issue: 7/86*
- 21-25 → **10th Int Conf on Magnet Technology** Boston, MA *Contact:* MT-10 Conf. Comm., MIT Plasma Fusion Ctr., NW17-203, Cambridge, MA 02139
- 22-25 **Conf on New Materials** Univ. of Warwick, UK *See issue: 7/86*
- 24-3 **Int Sch on Monte Carlo Transport of Electrons and Photons below 50 MeV** Erice, Sicily *See issue: 11/86*
- 25-29 → **Int Conf on Technol, the Arms Race and Arms Control** Castiglione, Livorno, Italy [Union of Scientists for Disarmament] *Contact:* F. Lenci [Tel. 050-501501] CNR Istituto di Biofisica, via S. Lorenzo 26, 56100 Pisa, Italy
- 28-1 → **Top Mtg on Laser and Optical Remote Sensing** Cape Cod, MA [OSA, Army Research Office, NASA] *Contact:* D. M. Killinger, MIT Lincoln Lab., P.O. Box 73, Lexington, MA 02173

OCTOBER 1987

- 12-16 **Chapman Conf on Plasma Waves and Instabilities** Sendai, Japan *See issue: 9/86*
- 18-23 **172nd Mtg Electrochem Soc, Symp on Low-Temp Electronics** Honolulu, HI *See issue: 11/86*
- 18-30 **Cambridge Symp on Opt and Optoelectronics** Cambridge, MA *See issue: 7/86*
- 19-23 **OSA Ann Mtg** Rochester, NY *See issue: 7/86*
- 26-28 → **Top Mtg on Tunable Solid State Lasers** Williamsburg, VA *Contact:* OSA [Tel. 202-223-8130] 1816 Jefferson Pl. NW, Washington, DC 20036
- 30-31 **Michelson-Morley Centennial Symp** Cleveland, OH *See issue: 11/86*
- 30-3 **Chapman Conf on Perovskite Bismuth** AZ *See issue: 11/86*

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- 2-6 **Mtg APS Div Plasma Phys** San Diego, CA *See issue: 7/86*
- 2-6 **34th AVS Nat Vacuum Symp** Anaheim, CA *See issue: 7/86*
- 9-12 **19th Yamada Conf on Ordering and Organization in Ionic Solutions** Kyoto, Japan *See issue: 11/86*
- 16-20 **114th ASA Mtg** Miami, FL *See issue: 7/84*
- 23-25 **Mtg Southeastern Sec APS** Nashville, TN *Contact: W.W. Havens Jr, APS, 335 E. 45th St., New York, NY 10017*
- 29-4 **Mtg AAPM and Radiol Soc N Am** Chicago, IL *See issue: 7/86*
- 30-4 **MRS Fall Mtg** Boston, MA *See issue: 7/86*

DECEMBER 1987

- 7-11 **7th Int Conf on Thin Films** New Delhi, India [IUVSTA] *Contact: K. L. Chopra, Phys. Dept., Indian Inst. of Tech., New Delhi-110016, India [15 May 87]*
- 7-11 **AGU Fall Mtg** San Francisco, CA *Contact: B. Weaver [Tel. 202-462-6903] AGU, 2 Florida Ave. NW, Washington, DC 20009*
- 14-18 **12th Int Conf on Infrared and Millimeter Waves** Lake Buena Vista, FL *Contact: K. J. Button [Tel. 617-253-5561] Box 72, MIT, Cambridge, MA 02139-0901*
- 16-18 **Solid-State Phys Conf** Univ. of Bristol, UK *See issue: 7/86*

JANUARY 1988

- 10-14 **171st Mtg AAS** Austin, TX *Contact: AAS, 2 Florida Ave., Ste. 300, Washington, DC 20009*
- 18-22 **AGU Ocean Sci Mtg** New Orleans, LA *Contact: B. Weaver [Tel. 202-462-6903] AGU, 2 Florida Ave. NW, Washington, DC 20009*
- 25-27 **LEOS-OSA Conf on Optical-Fiber Communication** New Orleans, LA *Contact: OSA [Tel. 202-223-8130] 1816 Jefferson Pl. NW, Washington, DC 20036 Note corrected location*
- 25-28 **Ann Joint Mtg AAPT-APS** Crystal City, VA *See issue: 7/86*

FEBRUARY 1988

- 11-16 **Ann Mtg AAAS** Boston, MA *Contact: R. M. Sinclair [Tel. 202-357-7997] Phys. Div., NSF, Washington, DC 20550*
- 29-5 **Chapman Conf on Fate of Particulate and Dissolved Components Within the Amazon Dispersal Sys** Wild Dunes, SC *Contact: B. Weaver [Tel. 202-462-6903] AGU, 2 Florida Ave. NW, Washington, DC 20009*

MARCH 1988

- 21-25 **APS March Mtg** New Orleans, LA *Contact: W.W. Havens Jr, APS, 335 E. 45th St., New York, NY 10017*
- 28-30 **3rd Univ of Cal Conf on Stat Mech** Davis, CA *Contact: C. Garrod, Phys. Dept., Univ. of California, Davis, CA 95616*

APRIL 1988

- 5-8 **MRS Spring Mtg** Reno, NV *Contact: J. B. Ballance [Tel. 412-367-3003] MRS, 9800 McKnight Rd., Ste. 327, Pittsburgh, PA 15237*
- 25-17 **Spring College in Condensed Matter on Interaction of Atoms and Molecules with Solid Surfaces** Trieste, Italy *Contact: ICTP [Tel. 224241] P. O. Box 586, Strada Costiera 11, I-34100, Trieste, Italy*
- 25-28 **APS Spring Mtg** Washington, DC *Contact: W.W. Havens Jr, APS, 335 E. 45th St., New York, NY 10017*
- 25-29 **CLEO '88: Conf on Lasers and Electro-optics** Anaheim, CA [OSA, IEEE] *Contact: OSA [Tel. 202-223-8130] 1816 Jefferson Pl. NW, Washington, DC 20036*

MAY 1988

- 3-6 **Am Soc of Naval Eng Centennial** Washington, DC *Contact: P. J. Gerutti [Tel. 703-836-6727] ASNE, 1452 Duke St., Alexandria, VA 22314*
- 16-20 **AGU Spring Mtg** Baltimore, MD *Contact: B. Weaver [Tel. 202-462-6903] AGU, 2 Florida Ave. NW, Washington, DC 20009*
- 16-20 **115th ASA Mtg** Seattle, WA *See issue: 7/84*
- 31-4 **Chapman Conf on Seismic Anisotropy in Earth's Crust** Berkeley, CA *Contact: B. Weaver [Tel. 202-462-6903] AGU, 2 Florida Ave. NW, Washington, DC 20009*

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- 13-17 **Chapman Conf on Sediment Transport Processes in Estuaries** Bahia Blanca, Argentina *Contact: B. Weaver [Tel. 202-462-6903] AGU, 2 Florida Ave. NW, Washington, DC 20009*
- 20-23 **10th Symp on Thermophys Properties** Gaithersburg, MD *Contact: J. V. Sengers [Tel. 301-454-4117] Inst. for Phys. Sci. and Tech., Univ. of Maryland, College Park, MD 20742*

AUGUST 1988

- 6-13 **World Cong of Med Phys and Bioeng** San Antonio, TX [AAPM] *Contact: E. Osterman, AAPM, 335 E. 45th St., New York, NY 10017*