

MARCH 1984

- 1-3 **Int Symp on the Impact of Computers on the Quantum Theory of Matter** Palm Coast, FL 11/83
- 3-5 **Short Course on Chemical Lasers** Las Cruces, NM 1/84
- 5-6 **Short Course on Laser Technology and Systems Applications** Atlanta, GA 1/84
- 5-7 **Top Mtg on Laser Techniques in the Extreme Ultraviolet** Boulder, CO 5/83
- 5-7 → **Short Course on Chemical Lasers** Las Cruces, NM (Engineering Technology, PO Box 8859, Waco, TX 76714; 817-772-0082)
- 5-8 **4th Top Workshop on Proton-Antiproton Collider Phys** Berne, Switz. 9/83
- 5-10 **Int Symp on Atomic, Molecular, and Solid-State Theory, Many-Body Phenomena, and Computation Methods in Honor of Prof Masao Kotani** Palm Coast, FL 11/83
- 7-9 **Int Sem on Imaging Applications of Nuclear Magnetic Resonance in Medicine and Other Areas** Boca Raton, FL 1/84
- 7-9 **Short Course on Infrared Technology and Applications** Atlanta, GA 1/84
- 11-15 → **Waste Management** Tuscon, AZ (R. Post, Nucl. Engineering Dept.,

Univ. of AZ, Tuscon, AZ 85721; 602-621-1229)

- 12-15 **Int Symp on Quantum Biology and Quantum Pharmacology** Palm Coast, FL 11/83
- 12-16 **5th Nordic Mtg on Nuclear Phys** Jyväskylä, Finland 9/83
- 12-16 **DPG Mtg 84** Münster, FRG 1/84
- 12-16 **AAPM 1st Midyear Top Symp: Multiple Regression Analysis: Applications in the Health Sciences** Mobile, AL 1/84
- 14-16 **17th Ann Simulation Symp** Tampa, FL 11/83
- 19-21 **IEEE 1984 Int Conf on Acoustics, Speech and Signal Processing** San Diego, CA 11/83
- 19-21 **1984 Energy Tech Conf and Expo** Washington, DC 1/84
- 19-21 **Course on Phase Conjugation Methods** San Diego, CA 1/84
- 19-23 **Atomic, Mass Spectroscopic, Quantum Phys Conf** Giessen, FRG 1/84
- 19-23 **Short Course on Computer Algorithms for Radiotherapy Treatment Planning** San Antonio, TX 1/84
- 19-23 **4th Gen Conf of the Condensed Matter Div of the European Physical Soc.** The Hague, Holland 1/84
- 20-23 **Extraterrestrial, Short Time, and Plasma Phys Conf** Kiel, FRG 1/84
- 21-28 **4th Int Symp on Heating in Toroidal Plasmas** Rome 5/83

calendar

Please note: Complete information is only given in new (→) or revised (●) listings. All other entries end with the date of the PHYSICS TODAY issue containing the following information: date title [sponsor] location (contact) [abstract deadline]

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
IAEA International Atomic Energy Agency

IEEE Institute of Electrical and Electronics Engineers
IOP The 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
NBS 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

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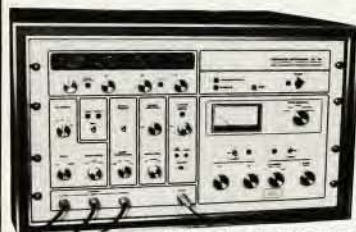
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- 22 Symp to Commemorate the 100th Anniversary of Peter Debye's Birth Ithaca, NY 1/84
- 22-24 Conf on Defects in Amorphous Materials Detroit, MI 5/83
- 26-27 Short Course on Electronic Imaging in Medicine San Antonio, TX 1/84
- 26-28 Quantum Molecular Motion in Crystals and Intercalates and on Surfaces Nottingham, UK 1/84
- 26-29 Workshop on Personal Computer Interfacing and Scientific Instrument Automation Blacksburg, VA 1/84
- 26-30 APS Gen Mtg Detroit, MI 1/84
- 26-30 SPS Programs at APS Mtg Detroit, MI 1/84
- 26-30 Nuclear Phys Conf Innsbruck, Austria 1/84
- 27-29 Acoustics Conf Darmstadt, FRG 1/84
- 29-31 1984 Univ of California Conf on Statistical Mechanics Davis, CA 11/83
- 8-10 → 53rd Ann Mtg of the Inter-Society Color Council Southfield, MI (A. B. J. Rodrigues, E. I. du Pont de Nemours, PO Box 2802, Troy, MI 48007; 313-583-8245)
- 9-11 Top Mtg on High Temperature Alloys: Theory and Design Bethesda, MD 11/83
- 9-12 3rd Int Conf on Mechanical Properties of Materials at High Rates of Strain Oxford, UK 5/83
- 9-12 Symp on Resonances in Electron-Molecule Scattering, van der Waals Complexes, and Reactive Chem Dynamics St. Louis, MO 11/83
- 9-12 IAU Colloquium: Very Large Telescopes: Their Instrumentation and Programs Garching, FRG 1/84
- 9-13 4th Int Symp on the Properties and Applications of Metal Hydrides Eilat, Israel 11/83
- 9-13 → 3rd Meeting on Liquid Metal in Energy Applications Oxford, UK (J. H. Green, British Nuclear Energy, 1-7 Gr. George St., London, SW1P 3AA UK)
- 9-13 → AVS Short Course Program Anaheim, CA (M. Schlissel, 335 E. 45 St., New York, NY 10017)

APRIL 1984

- 1-4 Vacuum '84: Technological Aspects of Surface Treatment and Analysis University of York, UK 5/83
- 1-5 6th Eur Conf on Surface Sci York, UK 1/84
- 2-4 Particle Phys Conf Bielefeld, FRG 1/84
- 2-4 Int Top Conf on Kinetics of Aggregation and Gelation Athens, GA 1/84
- 2-5 British Crystallographic Assoc Mtg Nottingham, UK 1/84
- 2-6 5th Int Conf on Nuclear Methods in Environmental and Energy Res Mayaguez, Puerto Rico 5/83
- 2-6 Short Course on Basic Principles of Medical X-Ray Imaging Using Fourier Analysis and Microcomputers San Antonio, TX 1/84
- 2-6 → Short Course on Fiber and Integrated Optics Washington, DC (G. Harrison, Continuing Engineering Ed., George Washington Univ., Washington, DC 20052; 800-424-9773)
- 4-5 20th Ann Mtg of Nat Council on Radiation Protection & Measurements: Issues involved in Developing Basic Radiation Protection Criteria Washington, DC 1/84
- 5-6 → Conf on Computer Algebra as a Tool of Research in Math and Phys New York City (T. Asai, PO Box 19, Yorktown Heights, NY 10598; 914-628-2689)
- 6-8 AVS Thin Film Div Top Symp on Sputtering San Diego, CA 7/83
- 7 Rochester Symp for Phys Students Rochester, NY 1/84
- 7-19 Int School on Direct Methods of Solving Crystal Structures Erice, Sicily 1/84
- 8-10 Mtg on Medical Imaging and Instrumentation '84: Practical Applications of Conventional and New Imaging Technologies Las Vegas, NV 1/84
- 10-12 Conf on Lasers and Electro-optics Anaheim, CA 5/83
- 10-13 → Course on Correlation and Spectral Analysis for Engineering and Scientific Applications Honolulu, HI (Continuing Ed. Inst., Oliver's Carriage House, 5410 Leaf Treader Way, Columbia, MD 21044; 301-596-0111)
- 11-13 Conf on Nuclear Structure Phys Univ. of Bradford, UK 9/83
- 11-13 → Course on Man-Machine Interface Boston, MA (Continuing Ed. Inst., Oliver's Carriage House, 5410 Leaf Treader Way, Columbia, MD 21044; 301-596-0111)
- 12-14 5th Workshop on Grand Unification Providence, RI 9/83
- 12-14 Conf on Fundamental Questions in Quantum Mechanics Albany, NY 1/84
- 16-20 Short Course on Computer Assisted Reconstruction Tomography San Antonio, TX 1/84
- 16-20 Int Symp on Resonance Ionization Spectroscopy Knoxville, TN 1/84
- 17-20 OSA Spring Conf Monterey, CA 7/83
- 17-18 Spring '84 Top Mtg on Science of Polishing Monterey, CA 11/83
- 17-19 Top Mtg on Optical Interference Coatings [OSA] Monterey, CA 11/83
- 18-20 Workshop on Optical Fabrication and Testing Monterey, CA 11/83
- 18-20 Top Mtg on Optical Data Storage [OSA] Monterey, CA 11/83
- 19-20 Top Mtg on Gradient-Index Optical Imaging Systems Monterey, CA 11/83
- 19-20 15th Ann Modeling and Simulation Conf Pittsburgh 11/83
- 23-24 SPS Programs at APS Mtg Washington, DC 1/84
- 23-26 APS Spring Mtg Washington, DC 9/83

- 24-26 **3rd Int Conf on III-V Semi-Insulating Materials** Warm Springs, OR 9/83
- 24-26 **IEEE 1984 Nat Symp on Electromagnetic Compatibility** San Antonio, TX 9/83
- 24-26 **7th Top Mtg on Integrated and Guided-Wave Optics** Orlando, FL 11/83
- 24-27 **Robotics & Remote Handling in Hostile Environments** Gatlinburg, TN (N. Grant, ORNL/ND, PO Box X, Bldg. 7601, Oak Ridge, TN 37830; 615-574-7123)
- 25-26 **SPS Nat Council Mtg** Washington, DC 1/84
- 26-27 **Short Course on Biological Effects and Dosimetry in Diagnostic X-Ray and Nuclear Medicine** San Antonio, TX 1/84
- 26-27 **Workshop on Prospects for Research with Radioactive Beams from Heavy Ion Accelerators** Washington, DC (J. M. Nitschke, Nuclear Sci. Div., LBL, 1 Cyclotron Rd., Berkeley, CA 94720)
- 29-2 **86th Ann Mtg and Expos Amer Ceramic Soc** Pittsburgh, PA 5/83
- 29-3 **4th Int Symp on Gaseous Dielectrics** Knoxville, TN 7/83
- 30 **US Ann Photovoltaic Program Review** Orlando, FL 1/84
- 30-3 **10th Int Conf on Cyclotrons and Their Applications** East Lansing, MI (W. Havens, 335 E. 45 St., New York, NY 10017)

MAY 1984

- 6-10 **107th ASA Mtg** Norfolk, VA 11/83
- 6-20 **Int School on Direct Methods of Solving Crystal Structures** Erice, Italy 5/83
- 7-10 **1984 IEEE Int Symp on Circuits and Systems** Montreal 9/83
- 7-10 **30th Int Instrumentation Symp** Denver, CO (R. F. Clark, Endevo, 1717 S. State College Blvd., #180, Anaheim, CA 92806; 714-831-9200 Ext. 272)
- 7-11 **Short Course on Fiber and Integrated Optics** Ottawa, Canada (G. Harrison, Cont. Engineering Ed., George Washington Univ., Washington, DC 20052; 800-424-9773)
- 7-11 **Short Course in Laser Applications in Manufacturing** Chicago, IL (Engineering Technology, PO Box 8859, Waco, TX 76714; 817-772-0082)
- 7-18 **Short Course on Optical Sci & Engineering** Tuscon, AZ (P. N. Slater, Optical Systems & Eng Short Courses, PO Box 18667, Tuscon, AZ 85731; 602-885-3798)
- 8-10 **Laboratory Instrument and Equip Conf and Exhibition** Long Beach, CA (Tower Conf. Management, 143 N. Hale St., Wheaton, IL 60187)
- 8-11 **Symp on Recent Developments in Computing, Processor and Software Research for High Energy** Guanajuato, Mex. 1/84
- 14-16 **IEEE Int Conf on Plasma Sci** St. Louis, MO 3/83
- 14-18 **AVS Short Course Program** Ar-

lington, VA (M. Schlissel, 335 E. 45 St., New York, NY 10017)

- 15-18 **Int Conf on Optics and Solar Energy** Czech. 1/84
- 20-24 **37th Ann SPSE Conf** Boston, MA (R. H. Wood, Soc. of Photographic Scientists and Engineers, Springfield, VA 22151; 703-642-9090)
- 21-23 **IEEE Custom Integrated Circuits Conf** Rochester, NY 11/83
- 21-25 **ACA Ann Spring Mtg** Lexington, KY 5/83
- 21-25 **13th Int Colloq on Group Theoretical Methods in Phys** College Park, MD 1/84
- 21-25 **Short Course on X-Ray Powder Diffraction and Spectrometry** Austin, TX (Cont. Engineering Studies, College of Eng., Ernest Cockrell Hall 2.102, Univ. of TX, Austin, TX 78712; 512-471-3506)
- 24-29 **AAAS Ann Mtg** New York 5/83
- 29-1 **1984 Int Symp on Electron, Ion and Photon Beams** Tarrytown, NY 1/84
- 30-1 **IEEE MTT-S Int Microwave Symp** San Francisco 1/84
- 30-1 **APS Div of Electron and Atomic Phys** Storrs, CT 1/84
- 30-1 **38th Ann Frequency Control Symp** [US Army, IEEE] Philadelphia (S. Stein, Time and Frequency Standards Div., NBS, 325 Broadway, Mail Code 524, Boulder, CO 80303)
- 30-1 **Surface Canada 84: 10th Can Sem** Montreal (M. Braunovic, IREQ, Inst. de Recherche d'Hydro-Quebec, PO Box 1100, Varennes, PQ, JOL 2P0 Can.)

JUNE 1984

- 3-6 **Inter-Disciplinary Workshop on Structure and Properties of the Amorphous State** Williamsburg, VA 1/84
- 3-7 **9th Int Cong on Metallic Corrosion** Toronto, Can. (L. Baignée, 9th ICMC, Nat. Research Council, Canada, Ottawa, Ontario, Canada K1A 0R6; 613-993-9009)
- 3-7 **ANS Ann Mtg** New Orleans, LA (F. W. Lewis, Middle South Utilities, PO Box 61005, New Orleans, LA 70161; 504-569-4211)
- 4-5 **Short Course on Techniques for Surface Analysis** Dayton, OH 1/84
- 4-5 **Ann Mtg and Conf of the Council for Optical Radiation Measurements** Gaithersburg, MD (N. L. Johnson, CORM Sec., 3M Center, Bldg 582-1-16, St. Paul, MN 55144; 612-733-5939)
- 4-7 **Int Symp on Polymer Alloys: Structure and Properties** Brugge, Belgium (R. Fayt, Lab. de Chimie Macromoléculaire et de Catalyse Organique, Univ. de Liège, Sart Tilman, 4000 Liège, Belgium)
- 4-8 **Int Symp on Phase Transitions in the Early Universe** Bielefeld, FRG 9/83
- 4-11 **15th GIFT Sem on Supersymmetry, Supergravity and Related Topics** Costa Brava, Spain (F. del Aguila, Dept. de Física Teórica, Un-

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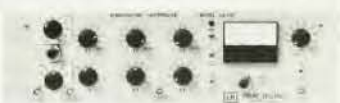
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- iversidad Autonoma de Barcelona, Bellaterra, Barcelona, Spain)
- 4-29 → **Theoretical Advanced Study Institute in Elementary Particle Phys** Ann Arbor, MI (M. B. Einhorn, Randall Lab., Univ. of MI, Ann Arbor, MI 48109)
- 5-7 **Dynamics Days—Twente: Workshop on Nonlinear Dynamics and Chaotic Behavior** Enschede, The Netherlands 11/83
- 5-8 → **15th Ann Mtg of Can Astronomical Soc [HIA]** Ottawa, Ontario (J. P. Vallee, Rm. 2069, 100 Sussex Dr., Ottawa, Ontario, K1A 0R6, Canada; 613-593-6060) [5/1/84]
- 6-8 **6th Symp on Applied Analysis** Dayton, OH 1/84
- 6-19 → **24th Cracow School of Theoretical Phys** Zakopane, Poland (M. Przaszalowicz, Inst. of Physics, Jagiellonian Univ., Reymonta 4, 30-059 Krakow, Poland)
- 7-8 **Muon-Catalyzed Fusion Workshop** Jackson, WY 1/84
- 10-12 **96th Sci Mtg of the Astronomical Society of the Pacific** Santa Cruz, CA 1/84
- 10-13 **164th AAS Mtg** Baltimore, MD 5/83
- 10-14 **5th Int Cong on Experimental Mechanics** Montreal 9/83
- 11-13 → **Symp on Specialty Materials and Refractory Metal Alloy Melting and Processing** Pittsburgh, PA (G. K. Bhat, Bhat Tech International, 172 Boxfield Rd., Pittsburgh, PA 15241; 412-835-9212)
- 11-15 **7th Int Conf on Spectral Line Shapes** Aussois, France 9/83
- 11-15 → **Short Course on Fiber and Integrated Optics** Teaneck, NJ (G. Harrison, Continuing Engineering Ed., George Washington Univ., Washington, DC 20052; 800-424-9773)
- 12-14 **10th Int Symp on Machine Processing of Remotely Sensed Data: Thematic Mapper Data and Geographic Information Systems** West Lafayette, IN 1/84
- 12-15 **Top Mtg on Ultrafast Phenomena** Monterey, CA 7/83
- 13-15 → **Conf on Tunable Solid-State Lasers** La Jolla, CA (P. Hammerling, La Jolla Inst., PO Box 1434, La Jolla, CA 92038; 619-454-3581) [4/15/84]
- 17-29 → **2nd Ann MIT/Harvard Summer Program on Nuclear Weapons and Arms Control** Cambridge, MA (W. Durch, Center for Int. Studies, MIT, 292 Main St., Cambridge, MA 02142; 617-253-8065) [4/1/84]
- 18-19 **Advances in Computational Methods for Boundary and Interior Layers** Dublin, Ireland 1/84
- 18-20 **1984 Physical Electronics Conf** Princeton, NJ 5/83
- 18-20 → **16th Power Modulator Symp [IEEE]** Arlington, VA (L. Klein, Palisades Inst., 201 Varick St., New York, NY 10014; 212-620-3377)
- 18-21 **1984 Cong of Canadian Assoc of Physicists** Sherbrooke, Que. 11/83
- 18-21 → **OSA/IEEE/APS 13th Int Quantum Electronics Conf** Anaheim, CA (OSA, 1816 Jefferson Pl., NW, Washington, DC 20036)
- 18-29 → **6th Nuffic Summerschool on Fundamental Problems in Statistical Mechanics** The Hague (J. Wiederhold, Nuffic, Badhuisweg 251, The Hague, The Netherlands)
- 19-22 **OSA/IEEE Conf on Lasers and Electro-Optics** Anaheim, CA 5/83
- 20-22 **3rd Int Conf on Boundary and Interior Layers: Computational and Asymptotic Methods** Dublin, Ireland 1/84
- 24-28 **9th Int CODATA Conf** Jerusalem 1/84
- 25-29 **AAPT Mtg** College Park, MD 11/83
- 25-7 **25th COSPAR Mtg** Graz, Austria 1/84
- 26-27 **Short Course on Biological Effects and Dosimetry in Diagnostic X-Ray and Nuclear Medicine** San Antonio, TX 1/84
- 27-29 → **Trieste Int Symp on Surface Spectroscopy of Adsorbates** Trieste, Italy (E. Tosatti, ICTP, PO Box 586, I-34100 Trieste, Italy)
- JULY 1984**
- 2-4 **2nd Int Symp on Applications of Laser Anemometry to Fluid Mechanics** Lisbon, Portugal 7/83
- 2-6 **1984 Nuclear EMP Mtg** Baltimore, MD 9/83
- 2-6 **3rd Trieste IUPAP Semiconductor Symp: High Excitation and Short Pulse Phenomena** Trieste, Italy 1/84
- 2-13 → **Applied Optics Summer Course** London (J. C. Dainty, Optics Sec., Blackett Lab, Imperial College, London SW7 2BZ, UK)
- 3-6 **Int Conf on Crystal Growth and Characterization of Polytype Structures** Marseilles, France 1/84
- 5-6 → **2nd Symp on Plasma Double Layers and Related Topics** Innsbruck, Austria (R. Schrittwieser, Inst. of Theoretical Phys., Univ. of Innsbruck, Sillgasse 8, A-6020, Innsbruck, Austria)
- 7-12 → **96th Sci Mtg of Astronomical Soc of the Pacific** Santa Cruz, CA (A. Fraknoi, Astronomical Soc of the Pacific, 1290 24th Ave., San Francisco, CA 94122; 415-661-8660)
- 8-11 **4th Int Conf on Mechanics in Medicine and Biology** Buffalo, NY 9/83
- 8-13 → **Ann Review of Progress in Quantitative Nondestructive Evaluation [Center for Advanced NDE]** San Diego, CA (D. O. Thompson, Ames Lab., IA State Univ., Ames, IA 50011; 515-294-8152)
- 8-21 **1984 Summer Sem in Applied Mathematics** Sante Fe, NM 1/84
- 9-12 **IAU Colloq Properties and Interactions of Interplanetary Dust** Marseille, France 1/84
- 9-13 **7th Eur Symp on Antiproton Interactions** Durham, UK 9/83
- 9-13 **Int Conf on the Effects of Modes of Formation on the Structure of Glasses** Nashville, TN 11/83
- 9-13 → **Short Course on Fiber and Integrated Optics** San Diego, CA (G. Harrison, Continuing Engineering Ed., George Washington Univ., Washington, DC 20052; 800-424-9773)
- 9-13 → **UV and X-Ray Emission from Active Galactic Nuclei [Max-Planck-Institut für Physik und Astrophysik]** Garching, FRG (W. Brinkmann, Max-Planck-Institut für Extraterrestrische Physik, D-8046, Garching, FRG)
- 9-14 → **Short Course in Design and Analysis of Scientific Experiments** Cambridge, MA (Dir. of Summer Session, Rm. E-19-356, MIT, Cambridge, MA 02139)
- 15-19 **5th World Hydrogen Energy Conf** Toronto 5/83
- 15-21 **Ann Mtg of AAPM** Chicago 9/83
- 15-28 → **NATO Advanced Study Inst on Electronic Structure, Dynamics and Quantum Structural Properties** Antwerpen, Belgium (J. T. Devreese, Univ. of Antwerpen, Dept. of Phys., Universiteitsplein 1, B-2610 Wilrijk, Antwerpen, Belgium)
- 16-20 **3rd Int Conf on EXAFS** Stanford Synchrotron Radiation Lab Stanford, CA 1/84
- 16-20 **Int Cont on Ion Beam Modification of Materials** Ithaca, NY 1/84
- 16-3 → **Nonlinear Phenomena in Phys [1984 Latin American School of Physics]** Santiago, Chile (A. Bau, ELAF '84, Casilla 114-D, Santiago, Chile)
- 17-27 **10th Int School on Disarmament and Research on Conflicts** Venice, Italy 1/84
- 22-28 **AAPM Summer School: Recent Developments in Digital Imaging** South Bend, IN 7/83
- 23-25 **1984 Summer Computer Simulation Conf** Boston, MA 11/83
- 23-27 **4th Int Conf on Clustering Aspects of Nuclear Structure and Nuclear Reactions** Chester, UK 5/83
- 23-27 **3rd Int Conf on Infrared Phys** Zurich 1/84
- 23-27 → **Short Course on Applied Molecular Spectroscopy: Infrared** Tempe, AZ (J. Fuchs, Dept. of Chem., AZ State Univ., Tempe, AZ 85287)
- 23-3 **1984 SLAC Summer Inst on Particle Phys** Stanford, CA 1/84
- 24-27 **8th IEEE Int Conf on Conduction and Breakdown in Dielectric Liquids** Pavia, Italy 7/83
- 29-4 **8th Int Biophysics Cong** Bristol, UK 1/84
- 30-3 → **Optical Propagation, Detection, and Communication** Cambridge, MA (Dir. of Summer Sessions, Rm. E19-356, MIT, Cambridge, MA 02139)
- 30-10 → **Short Course on the Phys of Plasma Wall Interaction Processes in Controlled Fusion [NATO]** Val-Morin, Quebec, Can. (D. E. Post, Princeton Univ., Plasma Phys Lab., PO Box 451, Princeton, NJ 08544; 609-683-2619)
- AUGUST 1984**
- 1-3 **The Phys of VLSI** Palo Alto, CA 1/84

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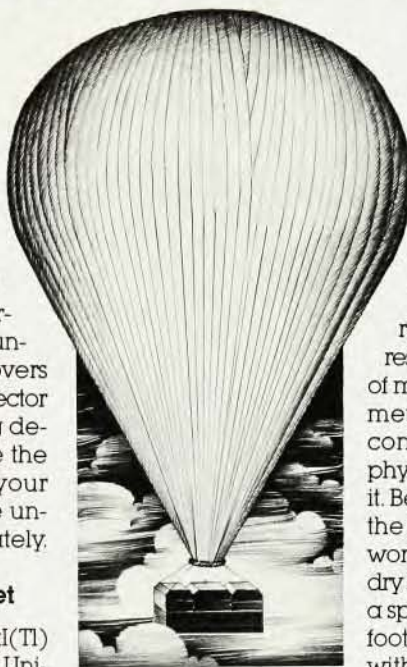
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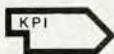
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- 1-3 → **2nd Workshop on Hadronic Mechanics** Villa Olma, Como, Italy (M. L. Wright, Sec. of the Workshop, Inst. for Basic Res., 96 Prescott St., Cambridge, MA 02138; 617-864-9859)
- 1-4 **Top Conf on Optical Effects in Amorphous Semiconductors** Salt Lake City, UT 7/83
- 1-4 → **3rd Int Conf on Molecular Beam Epitaxy** San Francisco (W. Havens, 335 E. 45 St., New York, NY 10017)
- 1-7 **Les Houches 43: Critical Phenomena, Random Systems, Gauge Theories** Les Houches, France 1/84
- 2-13 **Advanced Study Inst on Techniques and Concepts of High Energy Phys** St. Croix, US Virgin Islands 11/83
- 4-14 **27th Int Geological Cong** Moscow 1/84
- 5-9 → **NMR Symp** Denver, CO (F. P. Miknis, Univ. of WY Research Corp., Box 3395, Laramie, WY 82071)
- 5-9 → **7th Int EPR Symp** Denver, CO (G. R. Eaton, Dept. of Chem., Univ. of Denver, Denver, CO 80208)
- 6-10 **Int Conf on the Phys of Semiconductors** San Francisco 7/83
- 6-17 **NATO Adv Study Inst: Stability of the Solar System and Its Minor Natural Artificial Bodies** Austin, TX 1/84
- 6-17 → **Modern Industrial Spectroscopy** Tempe, AZ (J. Fuchs, Dept. of Chem., AZ State Univ., Tempe, AZ 85287)
- 7-10 → **9th IEEE Int Semiconductor Laser Conf** Rio de Janeiro, Brazil (Y. Suematsu, Dept. of Physical Electronics, Tokyo Inst. of Tech., O. Okayama Meguro-Ku, Tokyo 152, Japan) [3/30/84]
- 9-18 **Int Union of Crystallographers 13th Cong** Hamburg, FRG 7/83
- 12-1 → **Summer School in High Energy Phys: Fundamental Forces [NATO]** St. Andrews, Scotland (C. Froggatt, Natural Philosophy Dept., Univ. of Glasgow, Glasgow, G12 8QQ, UK)
- 12-17 **Mtg of the Electron Microscopy Soc of America** Detroit 1/84
- 13-14 **Top Mtg on Industrial Applications of Computer Tomography and NMR Imaging** Manitoba, Can. 1/84
- 13-16 **1st Int Conf on the Structure of Surfaces** Berkeley, CA 11/83
- 13-16 **Int Conf on Superlattices, Microstructures and Microdevices** Champaign-Urbana, IL 1/84
- 13-17 **6th Int Conf on Thin Films** Stockholm 7/83
- 13-17 **Int Conf on Luminescence** Madison, WI 7/83
- 13-17 **12th Int Laser Radar Conf** Aix-en-Provence, France 1/84
- 13-17 **IUPAC Conf on Chem Thermodynamics/39th Ann Calorimetry Conf** Hamilton, Ontario 1/84
- 13-18 **8th Eur Cong on Electron Microscopy** Budapest, Hungary 1/84
- 15-17 **1984 Int Conf on Information Processing in Optics** Christchurch, New Zealand 1/84

- 15-17 **Int Conf on Progress in Optical Physics** Melbourne, Australia 1/84
- 15-22 **17th Int Conf on Low Temperature Phys** Karlsruhe, FRG 9/83
- 20-24 **Conf on Precision Electromagnetic Measurements** Delft, The Netherlands 7/83
- 20-24 **5th Int Symp on Gas Flow and Chem Lasers** Oxford, UK 7/83
- 20-24 **Int Conf on Defects in Insulating Crystals** Salt Lake City, UT 9/83
- 20-24 **13th Conf on the Int Comm for Optics** Sapporo, Japan 1/84
- 20-24 **7th IUPAC Conf on Phys Organic Chem** Auckland, New Zealand 1/84
- 20-24 **Int Symp on Synthetic Membranes** [Michigan Molecular Inst.] Midland, MI (S. J. Butler, MMI, 1910 W. St. Andrews Rd., Midland, MI 48640; 517-631-9450) [5/1/84]
- 20-25 **Conf on Phys Education** Utrecht, The Netherlands 7/83
- 20-25 **Int Conf on X-Ray and Inner-Shell Processes in Atoms, Molecules and Solids** Leipzig, GDR 9/83
- 21-24 **Phys in Collision IV** Santa Cruz, CA 1/84
- 26-29 **Int Top Mtg on Fuel Reprocessing and Waste Management** Jackson Hole, WY 9/83
- 27-29 **8th Int Colloquium on Extreme uv and x-ray Spectroscopy of Astrophysical & Laboratory Plasmas** Washington, DC 9/83
- 27-31 **Symp on Transport Processes in Membranes and Epithelia: Osmotic and Ionic Regulation** Liege, Belgium 9/83
- 27-31 **3rd Int Conf on Solid Films and Surfaces** Sydney, Australia 11/83
- 27-31 **6th Gen Conf of the Eur Phys Soc** Prague, Czech 1/84
- 27-31 **Australian Inst of Phys 6th Nat Cong** Brisbane, Queensland 1/84
- 27-6 **21st Gen Assembly of Int Union of Radio Science** Florence, Italy 1/84
- 27-8 **NATO Advanced Study Inst on Nonequilibrium Phonon Dynamics** Les Arcs, France 1/84
- 28-6 **Dynamical Systems: Renewal of Mechanism** Peyresq, France 1/84
- 28-7 **Int School of Plasma Phys—Plasma Astrophysics** Varenna, Italy 7/83

SEPTEMBER 1984

- 3-6 **10th Eur Conf of Optical Communication** Stuttgart, FRG 1/84
- 3-7 **5th Int Conf on Rapidly Quenched Metals** Wurzberg, FRG 9/83
- 6-7 **2nd Int Conf on Optical Fiber Sensors** Stuttgart, FRG 11/83
- 6-7 **8th Int Macromolecular Symp: Macromolecules: Interdisciplinary Developments** Interlaken, Switz. 1/84
- 9-13 **5th ANS/ENS Int Mtg on Thermal Reactor Safety** Karlsruhe, FRG (H. H. Hennies, KFK, Postfach 3640, 7500 Karlsruhe, FRG)

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- 9-13 → **Applied Superconductivity Conf** San Diego, CA (S. J. St. Laurant, SLAC, Bin 72, PO Box 4349, Stanford, CA 94305) [4/2/84]
- 10-12 **Int Sem on ORC-Tech: New Working Fluids for Energy Eng Alternative Heat Power Processes** Zurich, Switz. 11/83
- 10-14 → **5th Int Symp on Capture Gamma-Ray Spectroscopy and Related Topics** Knoxville, TN (S. Raman, Phys. Div., ORNL, PO Box X, Oak Ridge, TN 37831); 615-574-4496)
- 11-14 → **8th Int Conf on Noise in Physical Systems-3rd Int Conf on 1/f Noise** Rome (A. d'Amico, IESS, CNR, Via Cineto Romana 46, 00156, Roma, Italy)
- 12-19 → **6th Int Symp on High Energy Spin Phys** Marseille, France (Symp. Sec., Centre de Physique Theorique, CNRS Luminy Case 907, 13288 Marseille Cedex 9, France)
- 13-14 **Kinetics and Mass Transport of Silicate & Oxide Systems** London, UK 1/84
- 17-19 → **Advances in Reactor Phys and Radiation Protection and Shielding** Chicago, IL (L. LeSage, ANL, 9700 S. Cass, Bldg. 208, Argonne, IL 60439; 312-972-6045)
- 17-21 **9th Eur Conf on Thermophysical Properties** Manchester, UK 7/83
- 17-21 **7th Int Conf on Textures of Materials** The Netherlands 9/83
- 17-21 → **Short Course on Modern Surface Spectroscopy Techniques—AES, ESCA, SIMS, UPS Applied to Problems in Materials and Chemistry** Austin, TX (Continuing Eng. Studies, Cockrell Hall 2.102, Univ. of TX, Austin, TX 78712; 512-471-3506)
- 21-24 **Int Mtg on Photophysics and Photochemistry above 6 eV** Bombannes, France 11/83
- 23-5 → **Phys and Engineering of Medical Imaging** Maratea, Italy (R. C. Reba, Div. of Nucl. Med., George Washington Univ. Med. Ctr., Washington, DC 20037; 202-676-3786) [6/1/84]
- 24-28 **11th Int Symp on Discharges and Electrical Insulation in Vacuum** Berlin, GDR 11/83
- 25-28 **Energy Pulse Modification of Semiconductors and Related Materials** Dresden, GDR 11/83
- 18-20 **APS Nuclear Phys Div** Nashville, TN 7/83
- 21-26 **5th Int Mtg on Radiation Processing** San Diego, CA 9/83
- 22-24 **1984 Int Symp on Noise and Clutter Rejection in Radars and Imaging Sensors** Tokyo 11/83
- 22-26 **9th Int Conf on Infrared & Millimeter Waves** Takarazuka, Osaka, Japan 1/84
- 27-3 **APS Plasma Phys Div** Boston 7/83
- 29-31 **1984 SERI Photovoltaic R and D 6th Ann Review** Denver, CO 1/84
- 29-2 **OSA Ann Mtg** San Diego, CA 7/83
- 30-31 **7th Ann Newport Conf on Fiber-optic Markets** Newport, RI 1/84

NOVEMBER 1984

- 11-14 **8th Conf on the Application of Accelerators in Research and Industry** Denton, TX 11/83
- 11-16 → **ANS/ENS Int Mtg** Washington, DC (G. W. Cunningham, Nuclear Studies, MITRE Corp., 1820 Dolley Madison Blvd., McLean, VA 22102; 703-827-6203)
- 18-20 **APS Fluid Dynamics Mtg** Providence, RI 9/83
- 25-30 **Joint AAPM—Radiological Soc of N Amer Mtg** Washington, DC 9/83
- 27-30 → **30th Ann Conf on Magnetism and Magnetic Materials** San Diego, CA (A. Malozemoff, IBM T. J. Watson Research Ctr., Yorktown Heights, NY 10598; 914-945-2154) [7/6/84]

DECEMBER 1984

- 4-7 **31st National Vacuum Symp** Reno, NV 9/83
- 4-10 **6th Int Conf on Fracture** New Delhi, India 9/83
- 10-12 **4th Biennial Symp: Expanding Horizons in Thin Layer Chromatography** Philadelphia 1/84
- 11-14 → **Phys Expo** Paris (Soc. Française de Phys., 33 rue Croulebarbe, 75013 Paris, France)
- 14-15 → **Symp on Dielectric Phenomena in Honor of the 70th Birthday of R. H. Cole** Providence, RI (E. F. Greene, Chem. Dept., Brown Univ., Providence, RI 02912; 401-863-1193)

OCTOBER 1984

- 2-3 → **Symp on Optical Fiber Measurements** Boulder, CO (D. L. Franzen, NBS, 325 Broadway, 724.02, Boulder, CO 80303)
- 8-12 **108th ASA Mtg** Minneapolis, MN 7/83
- 8-13 **9th Int Cong on Rheology** Acapulco, Mex. 7/83
- 9-12 **37th Gaseous Electronics Conf** Boulder, CO 7/83
- 15-17 **Workshop on Nuclear Phys with Stored Cooled Beams** Bloomington, IN 11/83
- 16-18 **1984 Int Symp on Electromagnetic Compatibility** Tokyo 1/84

JANUARY 1985

- 13-16 **165th AAS Mtg** Tucson, AZ 11/83
- 15-18 → **Top Mtg on Optical Remote Sensing of the Atmosphere** Lake Tahoe, NV (OSA, 1816 Jefferson Pl. NW, Washington, DC 20036) [10/1/84]
- 20-24 **APS/AAPT Gen Mtg** Toronto 9/83

FEBRUARY 1985

- 4-6 → **Top Mtg on the Microphys of Surfaces, Beams, and Adsorbates** Santa Fe, NM (OSA, 1816 Jefferson Pl. NW, Washington, DC 20036) [10/1/84]
- 11-13 **Top Mtg on Optical Fiber Communication** [OSA, IEEE] San Diego, CA 11/83

MARCH 1985

- 18-20 → **Top Mtg on Optical Computing** [OSA] Lake Tahoe, NV (OSA, 1816 Jefferson Pl. NW, Washington, DC 20036)
- 18-20 → **Top Mtg on Machine Vision** [OSA] Lake Tahoe, NV (OSA, 1816 Jefferson Pl. NW, Washington, DC 20036)
- 18-25 → **Int Rare Earth Conf: Materials and Chem** Zurich, Switz. (E. Kaldis, Lab. fur Festkorperphysik der ETH, 8093 Zurich, Switz.)
- 19-20 → **Top Mtg on Non-Invasive Assessment of Visual Function** [OSA] Lake Tahoe, NV (OSA, 1816 Jefferson Pl. NW, Washington, DC 20036)
- 25-29 **APS Gen Mtg** Baltimore 11/83

APRIL 1985

- 8-12 **109th Ann Mtg of ASA** Austin, TX 11/83
- 22-26 **14th Int Symp on Acoustical Imaging** The Hague, The Netherlands 11/83
- 25-27 **APS Spring Mtg** Washington, DC 11/83

MAY 1985

- 13-17 **Int Conf on Nuclear Data for Basic and Applied Sci** Los Alamos, NM 1/84
- 21-25 **Conf on Lasers and Electro Optics** [OSA, IEEE] Baltimore 11/83
- 23-28 **AAAS Ann Mtg** Los Angeles 11/83
- 24-6 **Conf on Determination & Interpretation of Small Structural Differences** Erice, Italy 1/84

JUNE 1985

- 17-21 **AAPT Mtg** Flagstaff, AZ 11/83
- 9-14 → **ANS Ann Mtg** Boston, MA (J. W. Landis, Stone & Webster, 245 Summer St., Boston, MA 02210; 617-589-8990)

JULY 1985

- 14-19 **Conf on the Dynamics of Molecular Collisions** Snowbird, UT 1/84
- 23-25 → **Physical Interactions and Energy Exchange at the Gas-Solid Inter-**

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face Hamilton, Ontario, Can. (J. A. Morrison, McMaster Univ. Inst. for Materials Res., Hamilton, Ontario, L8S 4M1 Canada) [5/31/84]

24-30 → **14th Int Conf on the Phys of Electronic and Atomic Collisions** Palo Alto, CA (D. C. Lorents, Molec. Phys. Lab., SRI-International, Menlo Park, CA 94025; 415-859-3167)

AUGUST 1985

11-15 **27th Ann Mtg of AAPM** Seattle, WA 11/83

26-3 → **Course and Workshop on Basic Physical Processes in Fusion Plasmas** Varenna, Italy (E. Sindoni, Int. School of Plasma Phys., via Celoria, 16-20133 Milano, Italy) [6/1/85]

SEPTEMBER 1985

5-14 → **Course and Workshop on Applications of RF Waves to Tokamak Devices** Varenna, Italy (E. Sindoni, Int. School of Plasma Phys., via Celoria, 16-20133 Milano, Italy) [6/1/85]

OCTOBER 1985

15-18 • **OSA Ann Mtg** Washington, DC (OSA, 1816 Jefferson Pl. NW, Washington, DC 20036)

NOVEMBER 1985

4-8 **110th Ann Mtg of ASA** Nashville, TN 11/83

18-22 **32nd Nat Vacuum Symp** Houston, TX 1/84

JANUARY 1986

27-30 **APS/AAPT Mtg** Atlanta, GA 1/84

MARCH 1986

24-29 **APS Mtg** San Diego 1/84

MAY 1986

12-16 **111th ASA Mtg** Cleveland, OH 1/84

OCTOBER 1986

26-31 **33rd AVS Nat Vacuum Symp** Baltimore, MD 1/84

NOVEMBER 1986

10-14 **33rd National Vacuum Symp** Boston 1/84