

calendar

MAY 1981

- 21-23 → **2nd Int Mtg on Radiooncology** Baden, Austria (H. D. Kogelnik, Universitätsklinik für Strahlenbiologie, Alser Strasse 4, A-1090 Vienna, Austria)
- 21-25 → **4th Int Conf on Trace Element Metabolism in Man and Animals** Perth, Australia (Australian Academy of Science, P. O. Box 783, Canberra, ACT, Australia 2601)
- 22 → **Radiobiology (work-in progress meeting) Hypothermia** London, UK (British Inst. of Radiology, 32 Welbeck St., London W1M 7PG UK)
- 24-29 **29th Annual Conf on Mass Spectroscopy and Allied Topics** East Lansing, Mich. 3/81
- 25-29 **Meeting on the Motion of Artificial Satellites** Sao Paulo, Brazil 11/80
- 25-29 **Europhys Study Conf on Internal Reorientation in Solids** Poznan, Poland 7/80
- 25-29 **Symp on Scientific Results from Seasat** Baltimore, Md. 3/81
- 26-29 **Third "Lund" on Deep-Level Impurities in Semiconductors** Heritage Village, Southbury, Conn. 3/81

- 26-29 **16th Symp on Electron Ion and Photon Beam Technology** Dallas 3/81
- 27-28 **Princeton Univ Plasma Phys Lab Info Meeting** Princeton, N. J. 7/80
- 27-29 **35th Annual Frequency Control Symp** Philadelphia, Pa. 3/81
- 27-30 **Conf 82: Research Symp in Honor of 80th Birthday of P. A. M. Dirac** New Orleans, La. 3/81
- 28-30 → **Topical Conf on Computerized Data Acquisition in Particle and Nuclear Physics** Oak Ridge, Tenn. (D. C. Hensley, Oak Ridge Nat. Lab. Box X, Bldg. 6000, Oak Ridge, Tenn. 37830)
- 28-31 **Physics in Collision: High Energy ee/ep/pp Interactions** Blacksburg, Va. 3/81
- 31-4 → **29th Annual Mtg of the Radiation Research Soc** Minneapolis, Minn. (R. J. Burk, Radiation Research Soc. 4720 Montgomery La., Suite 506, Bethesda, Md. 20014)

JUNE 1981

- 1-3 **Symp on Chemical and Photoelectrochemical of Solar Energy Conversion and Storage** Halifax, Nova Scotia 3/81

Coding: date title [sponsor] location (contact) [abstract deadline] PHYSICS TODAY issue containing full listing

Please note: A calendar entry preceded by an → is a new and complete listing. A • denotes an entry that contains additional or revised information. An entry not preceded by either symbol is an abridged version of a complete listing previously published in PHYSICS TODAY. The date at the end of an abridged entry specifies the issue in which the item originally appeared.

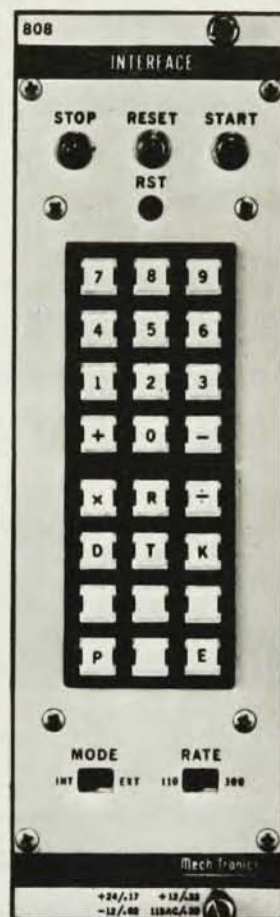
Abbreviations:

AAPM	American Association of Physicists in Medicine
AAPT	American Association of Physics Teachers
AAS	American Astronomical Society
ACA	American Crystallographic Association
APS	American Physical Society
ASA	Acoustical Society of America
AVS	American Vacuum Society
OSA	Optical Society of America
SPS	Society of Physics Students
S of R	Society of Rheology
AAAS	American Association for the Advancement of Science
AGU	American Geophysical Union
ANS	American Nuclear Society
CNRS	Centre National de la Recherche Scientifique

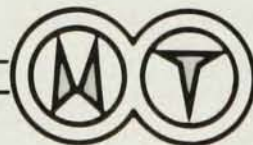
DOE	Department of Energy
DPG	Deutsche Physikalische Gesellschaft
EPS	European Physical Society
IAEA	International Atomic Energy Agency
IAU	International Astronomical Union
IEEE	Institute of Electrical and Electronics Engineers
IOP	The Institute of Physics
IUPAP	International Union of Pure and Applied Physics
IUPAC	International Union of Pure and Applied Chemistry
NAS	National Academy of Sciences
NBS	National Bureau of Standards
NRC	Nuclear Regulatory Commission
NRL	Naval Research Laboratory
NSF	National Science Foundation
ONR	Office of Naval Research
ORNL	Oak Ridge National Laboratory

A calendar of physics-related meetings is included only in alternate (odd-numbered) months. Send information to: Calendar, PHYSICS TODAY, 335 45th Street, New York, N.Y. 10017. A notice should be timed to arrive three months before the listing should appear.

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Short Courses and Schools

Carbon Dioxide Lasers

18-22 May 1981 [Laser Inst. of America] Santa Fe, N.M. (*Laser Inst. of America, Short Course Dir., P. O. Box 9000, Waco, Tex. 76710*)

Microprocessors and Their Applications in Physics

19-28 May 1981 Stara Lesna, Czech. (*J. Nadrchal, Inst. of Phys., Czech. Acad. of Sci., Na Slovance 2, 180 40 Praha 8, Czech.*)

Current Problems in Particle Theory: Unified Theory and Beyond

25-27 May 1981 [Johns Hopkins] Baltimore, Md. (*G. Domokos, Phys. Dept., Johns Hopkins Univ., Baltimore, Md. 21218*)

School of Physics

6-19 June 1981 [CERN-JINR] Hanko, Finland (*D. A. Caton, Sci. Conf. Sec., CERN, CH-1211, Geneva 23, Switz*)

Quantum Electrodynamics of Strong Fields

14-16 June 1981 [NATO] St. Goar, GFR (*W. Grenier, Inst. für Theor. Physik Univ., Robert Mayer Str. 8-10, 6000 Frankfurt/Main, GFR*)

Physics and Contemporary Needs

15 June-2 July 1981 [Nathagali Summer College] Islamabad, Pakistan (*Sci. Sec., Pakistan AEC, P. O. Box 1114, Islamabad, Pakistan*)

Modern Optics with Communications for Scientists and Engineers

15-19 June 1981 [Laser Inst. of America] Washington, D. C. (*Laser Inst. of America, Short Course Dir., P. O. Box 9000, Waco, Tex. 76710*)

Digital Electronics for Automation and Instrumentation

22-23 June 1981 [Virginia Polytechnic Inst.] Blacksburg, Va. (*L. Leffel, C. E. C. Virginia Tech., Blacksburg, Va. 24061 [(703)961-5241]*)

Laser Fundamentals and Systems

22-26 June 1981 [Laser Inst. of America] Washington, D. C. (*Laser Institute of America, Short Course Dir., P. O. Box 9000, Waco, Tex. 76710*)

Fundamentals of Electro-Optical Systems Analysis

22-26 June 1981 [UCLA] Los Angeles, Cal. (*Dept. of Math. and Eng., UCLA Extension, P. O. Box 24901, Los Angeles, Cal. 90024*)

Microcomputer Design Interfacing, Programming and Application Using the Z80/8085/8080

24-27 June 1981 [Virginia Polytechnic Inst.] Blacksburg, Va. (*L. Leffel, C. E. C. Virginia Tech., Blacksburg, Va. 24061 [(703)961-5241]*)

Mass Transport in Solids

28 June-11 July 1981 [NATO] Lannion, France (*C. R. A. Catlow, Dept. of Chem., Univ. College London, 20 Gordon St., London WC1H 0HJ, UK*)

Supernovae

29 June-10 July 1981 [NATO] Cambridge, UK (*M. J. Rees, Inst. of Astronomy, Madingley Rd., Cambridge CB3 0HA England*)

New Directions in Guided Wave Optics

29 June-10 July 1981 [NATO] Cargèse, Corsica, France (*D. B. Ostrowsky, Lab. Electrooptique, Univ. de Nice, Parc Valrose, 06034 Nice, France*)

Fluid-Dynamical Problems in Astrophysics and Geophysics

29 June-11 July 1981 [American Mathematical Soc, Soc for Industrial and Applied Mathematics] Chicago, Ill. (*N. Lebovitz, Dept. of Math., Univ. of Chicago, 5734 S. University Ave., Chicago, Ill.*)

Synthetic Aperture Radar Technology and Applications

6-10 July 1981 Ann Arbor, Mich. (*A. Kozma, Univ. of Michigan, 300 Chrysler Ctr., North Campus, Ann Arbor, Mich. 48109 [(313)764-8490]*)

High Energy Particle Accelerators

13-24 July 1981 [Fermilab] Pheasant Run, Ill. (*F. Huson, Accelerator Physics, Fermilab, P. O. Box 500, Batavia, Ill. 60510*)

Positrons in Solids

14-24 July 1981 [Int School of Physics "Enrico Fermi"] Varenna, Italy (*Soc. Italiana di Fisica, Seg., Via L. degli Andalo 2, 40124 Bologna, Italy*)

Fundamental Interactions

15-31 July 1981 [NATO] Cargèse, France (*M. Levy, Phys. Theor. et Hautes Energies, Univ. P. & M. Curie, Tour 16, 4 Pl. Jussieu, 75230 Paris, France*)

Mini and Microcomputers: Their Structure, Characteristics and Applications

20-24 July 1981 Ann Arbor, Mich. (*E. M. Aupperle, Univ. of Michigan, 300 Chrysler Ctr., North Campus, Ann Arbor, Mich. 48109 [(313)764-8490]*)

Holographic Nondestructive Testing

20-24 July 1981 Lake Forest College, Lake Forest, Ill. (*Holography Workshop, Lake Forest College, Lake Forest, Ill. 60045*)

Advances in Laser Spectroscopy

26 July-7 August 1981 [NATO] San Miniato, Pisa, Italy (*Laser Sec., CISE, P. O. Box 12081, 20100 Milano, Italy*)

Particle Physics

27 July-7 August 1981 [SLAC], Stanford, Cal. (*A. Mosher, SLAC Summer Inst., Bin 62, P. O. Box 4349, Stanford, Cal. 94305*)

Data Acquisition in High Energy Physics

28 July-7 August 1981 [Int School of Physics "Enrico Fermi"] Varenna, Italy (*Soc. Italiana di Fisica, Seg., Via L. degli Andalo 2, 40124 Bologna, Italy*)

Unity of the Fundamental Interactions

31 July-11 August 1981 [Int School of Subnuclear Physics] Erice, Italy (*Main Sec., CCSEM, Via Guarnotta 26, 91016 Erice, Italy*)

Food Rheology: Principles and Practice

3-7 August 1981 [MIT] Cambridge, Mass. (*Dir. of Summer Sessions, Room E19-356, MIT, Cambridge, Mass. 02139*)

Physical Aspects of Hyperthermia

3-7 August 1981 [AAPM] Hanover, N. H. (*G. H. Nussbaum, Mallinckrodt Inst. of Radiol., Washington Univ. School of Medicine, 510 S. Kingshighway Blvd., St. Louis, Mo. 63110*)

Mass Transfer with Chemical Reaction to Multiphase Systems

10-21 August 1981 [NATO] Izmu, Turkey (*E. Alper, Ankara Univ. Fen Fakultesi, Sinai Kimya Kursusu, Besevler, Ankara, Turkey*)

Relativistic Effects in Atoms, Molecules and Solids

10-21 August 1981 [NATO] Vancouver, B. C., Canada (*G. L. Malli, Dept. of Chem. and Theor. Sci. Inst., Simon Fraser Univ., Burnaby, B. C. Canada V5A 1S6*)

Physics Teaching at the University Level

10 August-4 September 1981 [ICTP] Trieste, Italy (*ICTP, P. O. Box 586, I-34100 Trieste, Italy*)

Quantum Optics, Theory of Measurement and Test of Relativity

17-28 August 1981 [NATO] Bad Windsheim, FRG (*A. O. Barut, Dept. of Phys., Univ. of Colorado, Boulder, Colo. 80309*)

Integrated Optics: Physics and Applications

17-29 August 1981 [NATO] Erice, Italy (*S. Martellucci, Inst. of Phys., Univ. of Naples, Piazza V. Tecchio 80, 80125 Napoli, Italy*)

Excitations in Disordered Systems

23 August-4 September 1981 [NATO] East Lansing, Mich. (*M. F. Thorpe, Phys. Dept., Michigan State Univ., East Lansing, Mich. 48824*)

Ordered Sets

28 August-12 September 1981 [NATO] Banff, Canada (*I. Rival, Dept. of Math. & Statistics, Univ. Calgary, Alberta T2N 1N4, Canada*)

Interfacial Aspects of Phase Transformations

29 August-9 September 1981 [NATO] Erice, Italy (*R. Kern, Mechanismes de la Croissance Cristalline, C. de Lumigny, C. P. 913, 13288 Marseille Cedex 2, France*)

Control and Processing in the Biosynthesis of Macromolecules

30 August-12 September 1981 [NATO] Spetsar, Greece (*B. F. C. Clark, Dept. of Chem., Aarhus Univ. Langlandsgrade 140, 8000 Aarhus C, Denmark*)

Structural Elements in Particle Physics and Statistical Mechanics

31 August-11 September 1981 [NATO] Freiburg, FRG (*K. Pohlmeyer, Fakultät für Physik, Albert Ludwigs Univ., 7800 Freiburg, FRG*)

Static and Dynamic Studies of the Polymeric Solid State

6-18 September 1981 [NATO] Glasgow, UK (*R. A. Pethrick, Pure & Applied Chem., Univ. Strathclyde, Cathedral St., Glasgow, G1 1XL, Scotland*)

Microprocessors: Technology and Applications in Physics

7 September-2 October 1981 [ICTP] Trieste, Italy (*ICTP, P. O. Box 586, I-34100 Trieste, Italy*)

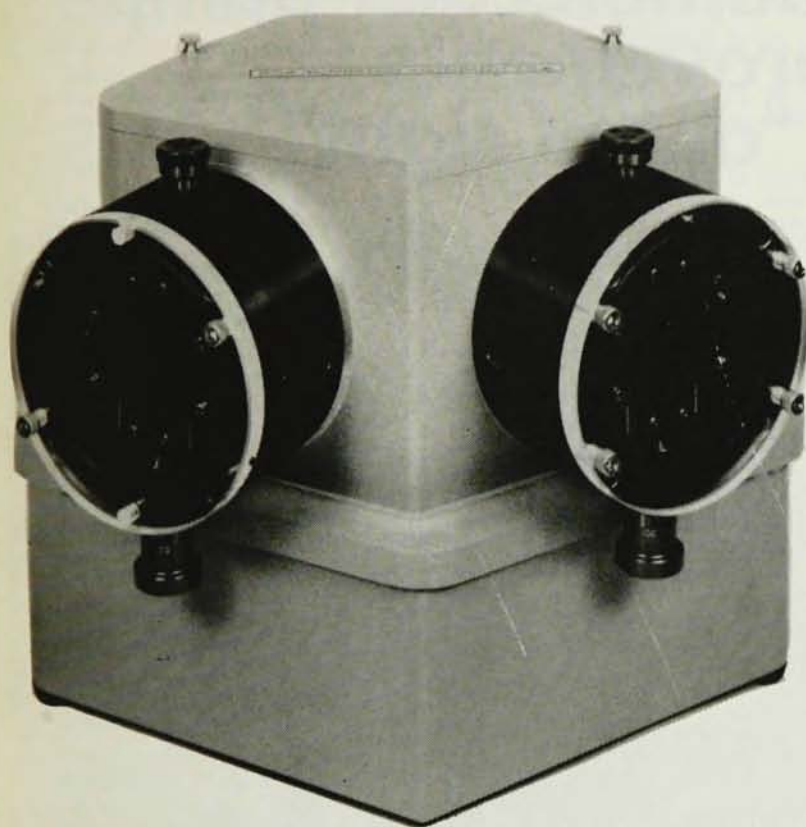
Comparative Study of the Planets

14-25 September 1981 [NATO] Vulcano, Italy (*M. Fulchignoni, Lab. di Astrofisica Spaziale, C. N. R., viale dell'Università 11, 00185 Rome, Italy*)

Physics of Ion-Ion and Electron-Ion Collisions

31 September-12 October 1981 [NATO] Baddeck, Canada (*F. Brouillard, Inst. de Phys., Science-1, B-1348, Louvain-la-Neuve, Belgium*)

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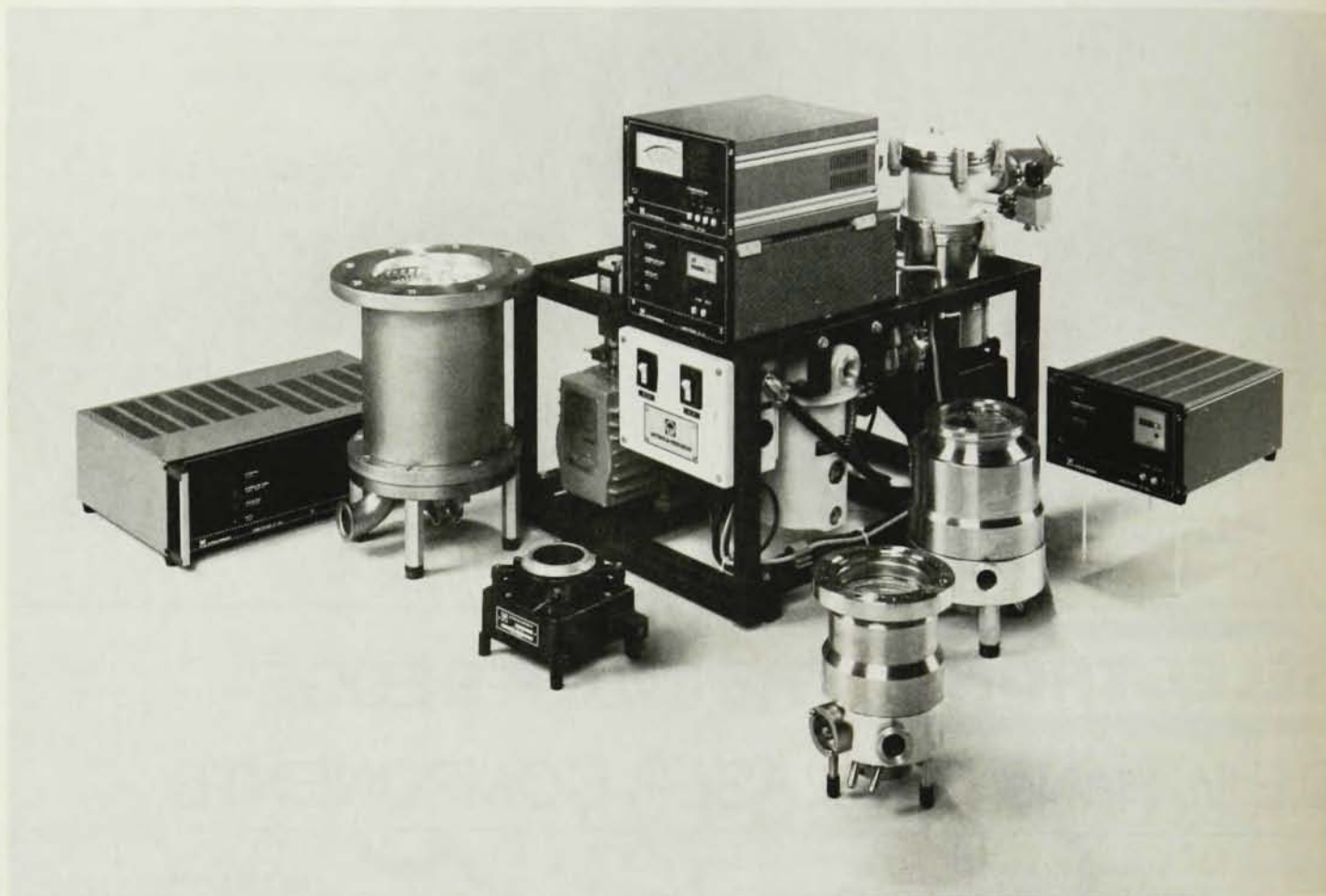
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- 1-4 **Symp on Mesons and Light Nuclei** Liblice Castle, Czech. 9/80
- 1-5 **8th Int Symp on Molecular Beams** Cannes, France 7/80
- 1-5 **Symp on Resonance Ionization Spectroscopy and Its Application** Gatlinburg, Tenn. 3/81
- 1-5 → **12th GIFT Int Seminar on Theoretical Physics: Nonperturbative Aspects of Quantum Field Theory** Peniscola, Spain (J. Julve, Inst. de Estructura de la Material, CSIC, Serrano 119, Madrid-6, Spain)
- 1-5 → **4th Symp on Neutron Dosimetry** Munich/Neuherberg, FRG (G. Burger, Gesellschaft für Strahlen-und Umweltforschung, Ingolstädter Landstr. 1, D-8042 Neuherberg-München, FRG)
- 2-3 → **1st Int Aerospace Symp** [AIAA] Le Bourget, France (J. Grey, AIAA, 1290 Ave. of the Americas, New York, N. Y. 10104 [(212)581-4300])
- 3-5 **3rd Symp on Applied Surface Analysis** Dayton, Ohio 11/80
- 4-5 **CECAM Workshop on ab initio Calculation of Phonon Spectra** Antwerp, Belgium 3/81
- 4-5 → **Advanced Composites** El Segundo, Cal. (Program Dir., Tech. Conf., P. O. Box 842, El Segundo, Cal. 90245)
- 7-12 **ANS Annual Meeting** Miami, Fla. 7/80
- 8-10 → **Underground Space Conf and Exposition** [AUSA] Kansas City (R. Sime, Amer. Underground-Space Assoc. Suite 900, Minnesota Bldg., St. Paul, Minn. 55101 [(612)376-5580])
- 8-10 → **1981 Symp on Instrumentation and Control for Fossil Energy Processes** San Francisco, Cal. (L. Holden, Argonne Nat. Lab., Bldg. 362-H309, 9700 S. Cass Ave., Argonne, Ill. 60439 [(312)972-5585])
- 8-11 **2nd Int Conf on Solid Films and Surfaces** College Park, Md. 7/80
- 8-12 **Int Conf on Fourier Transform Infrared Spectroscopy** Columbia, S. Car. 11/80
- 8-12 **2nd Int Conf on Precision Measurement and Fundamental Constants** Gaithersburg, Md. 7/80
- 8-12 **Gordon Research Conf on Vibrational Intensities** Plymouth, N. H. 3/81
- 8-12 → **Physical Organic Chemistry** Wolfboro, N. H. (A. M. Chruickshank, Gordon Res. Conf., Colby-Sawyer College, New London, N. H. 03257)
- 9-12 → **European Nuclear Medicine Soc** Pisa, Italy (European Nuclear Medicine Soc., DAMN, CHUV, CH-1011 Lausanne, Switz.)
- 10 → **NIR Dosimetry Workshop (work in progress)** [HPA] (Radiation Protection Group) Leeds, UK (HPA, 47 Belgrave Sq., London SW1X 8QX, UK)
- 10-12 **5th Symp on X- and Gamma-Ray Sources and Applications** Ann Arbor, Michigan 7/80
- 10-12 **Conf on Lasers and Electro-Optics** Washington, D.C. 9/80
- 11-13 → **5th Nordic Mtg on Medical and Biological Engineering** [Swedish Soc. for Medical Physics, Medical Engineering] Linköping, Sweden (Linköping Univ., Leif Bolin, S-581 83 Linköping, Sweden)
- 15-16 → **State of the Art Techniques in Device Processing** [AVS] Danvers, Mass. (M. Hablanian, Varian Vacuum Div., 121 Hartwell Ave., Lexington, Mass. 02173 [(617)861-7200])
- 15-17 **Int Microwave Symp** Los Angeles, Cal. 11/79
- 15-18 **Annual Congress of the Canadian Assoc of Phys** Halifax, Canada 7/80
- 15-18 → **15th Rare Earth Research Conf** Rolla, Miss. (W. J. James, Materials Res., Univ. of Missouri-Rolla, Rolla, Miss. 65401)
- 15-19 **17th Conf on Thermal Conductivity** Gaithersburg, Md. 11/80
- 15-19 **8th Int Thermal Expansion Symp** Gaithersburg, Md. 11/80
- 15-19 **Infrared Technology: Fundamentals and Systems Applications Summer Conf** Ann Arbor, Mich. 3/81
- 15-19 → **Magnetic Resonance** Wolfboro, N. H. (A. M. Chruickshank, Gordon Res. Conf., Colby-Sawyer College, New London, N. H. 03257)
- 15-19 → **6th Int Conf on Modern Trends in Activation Analysis** Toronto, Canada (R. E. Jervis, Dept. of Chem. Eng. and Appl. Chem., Univ. of Toronto, Ontario, Canada M5S 1A4)
- 15-27 → **46th Gen Mtg of the Int Electrotechnical Commission** Montreux, Switz. (IEC, 1 Rue de Varembe, 1211 Geneva 20, Switz.)
- 16-19 **7th Int Symp on Detonation** Annapolis, Md. 9/80
- 16-19 → **1st Int Symp on Chromatography in Biochemistry, Medicine and Environmental Research/8th Int Symp on Mass Spectroscopy in Biochemistry, Medicine and Environmental Research** Venice, Italy (A. Frigerio, Italian Group for Mass Spectrometry in Biochemistry and Medicine, c/o Inst. di Ricerche Farmacologiche 'Mario Negri,' Via Eritrea 62, I-20157 Milan, Italy)
- 16-19 → **28th Annual Mtg, Soc of Nuclear Medicine** Las Vegas, Nev. (M. Glos, 475 Park Ave. S., New York, N. Y. 10016)
- 17-19 **2nd Int Conf on the Numerical Analysis of Semiconductor Devices and Integrated Circuits** Dublin, Ireland 11/80
- 17-19 **AAPT Gen Meeting** Stevens Point, Wisc. 9/80
- 17-19 **Int Conf on Optical Radiation Measurement of Fluorescent and Retroreflective Materials** Bloomington, Minn. 3/81
- 17-19 → **Nat Educational Computing Conf** Denton, Tex. (J. L. Poirot, North Texas State Univ., P. O. Box 13886, Denton, Tex. 76203 [(817)788-2767])
- 21-26 **12th Int Symp on Multiparticle Dynamics** Notre Dame, Ind. 11/80
- 21-26 → **26th Annual Mtg of Health Physics Society** Louisville, Ky. (R. J. Burk, Radiation Research Soc., 4720 Montgomery La., Suite 506, Bethesda, Md. 20014)
- 22-23 → **2nd Int Cong on Ultrasonic Examination of the Breast** [IEE] London (J. C. Bamber, Block F, Inst. for Cancer Research, Clifton Ave., Sutton, Surrey, SM2 5PX, UK)
- 22-24 → **39th Annual Device Research Conf** Univ. of Cal., Santa Barbara, Cal. (C. J. Neuse, RCA Lab, Princeton, N.J. 08540) [(609) 734-2944])
- 22-25 **Topical Conf on Photoacoustic Spectroscopy** Berkeley, Cal. 11/80
- 22-26 **Int Symp on Health Impacts of Different Sources of Energy** Nashville, Tenn. 11/80
- 22-26 **4th American Conf on Theoretical Chem** Boulder, Colo. 11/80
- 22-26 **Advanced Infrared Technology Summer Conf** Ann Arbor, Mich. 3/81
- 22-27 → **3rd European Symp for Stereology** Ljubljana, Yugoslavia (M. Kalisnik, Inst. for Histology and Embryology, P. O. Box 10, 61105 Ljubljana, Yugoslavia)
- 23-25 → **Stationary Motions of Nonlinear Mechanical Systems** Enschede, The Netherlands (D. H. van Campen, Twente Univ. of Tech., Dept. of Mech. Eng., P. O. Box 217, 7500 AE Enschede, The Netherlands)
- 24 → **Symp on Acoustic Emissions in Geotechnical Engineering Practice** [ASTM] Detroit, Mich. (R. E. Gray, GAI Consultants, 570 Beatty Rd., Monroeville, Pa. 15146)
- 24-26 **Modification of the Surface Properties of Metals by Ion Implantation** Manchester, UK 11/80
- 24-26 → **4th Symp on Echocardiography** Rotterdam (H. Rijsterborgh, Erasmus Univ., P. O. Box 1738, 3000 DR Rotterdam, The Netherlands)
- 24-1 → **15th Int Cong of Radiology** Brussels, Belgium (Sec. ICR-81, Ave. Winston Churchill, 234B-Box 16, B-1180 Brussels, Belgium)
- 25-26 → **6th Annual Colloquium on Research and Development and Public Policy** [AAAS] Washington, D. C. (AAAS Office of Public Sector Programs, 1776 Massachusetts Ave., N. W., Washington, D. C. 20036)
- 25-27 → **1981 INS Symp on Quark and Lepton Physics** Tokyo, Japan (F. Nunokawa, 1981 INS Symp on Quark & Lepton Phys., INS, Univ. of Tokyo, Tanashi, Tokyo 188, Japan)
- 28-1 **158th AAS Gen Meeting** Calgary, Canada 7/80
- 29-1 **Phys Electronics Conf** Bozeman, Mont. 9/80
- 29-1 → **Dental Radiology** [Nat Ctr for Health Care Tech.] Arlington, Va. (E. Kokiko, Moshman Assoc., 6400 Goldsboro Rd., Washington, D. C. 20034 [(301)229-3000])
- 29-3 **4th Int Topical Conf on High-Power Electron and Ion Beam Research and Technology** Palaiseau, France 3/81
- 29-3 **5th Int Conf on Laser Spectroscopy** Jasper, Alberta, Canada 3/81
- 29-3 → **Grand Unified Theories and Related Topics** Kyoto, Japan (Z. Maki, Res. Inst. for Fundamental Physics, Kyoto Univ., Kyoto 606, Japan)

- 29-3 → **Space Plasma Physics** Wolfeboro, N. H. (A. M. Chruickshank, Gordon Res. Conf., Colby-Sawyer College, New London, N. H. 03257)
- 29-3 → **Molecular Energy Transfer** Wolfeboro, N. H. (A. M. Chruickshank, Gordon Res. Conf., Colby-Sawyer College, New London, N. H. 03257)
- 29-3 → **Quantum Solids & Fluids** Plymouth, N. H. (A. M. Chruickshank, Gordon Res. Conf., Colby-Sawyer College, New London, N. H. 03257)
- 29-3 → **Int Symp on the Use of Nuclear Techniques in the Study of Parasitic Diseases of Man and Animals** [IAEA] Vienna, Austria (IAEA, P. O. Box 100, Vienna International Centre, A-1400 Vienna, Austria)
- 30-2 **Int Conf on Ion and Plasma Assisted Techniques** Amsterdam, The Netherlands 9/80
- 30-2 **7th Thermodynamics and Fluid Mechanics Conf** Oxford, UK 9/80
- 30-3 → **Conf on Differential Geometric Methods in Theoretical Physics** Trieste, Italy (ICTP, P. O. Box 586, Miramare, Strada Costiera 11, 34100 Trieste, Italy)

JULY 1981

- 2-3 → **Int Symp on Visual Psychophysics & Medical Imaging** [IEEE] Brussels, Belgium (C. C. Jaffe, Dept. of Diagnostic Radiology, Yale Univ. School of Medicine, 333 Cedar Street, New Haven, Conn. 06510)
- 2-8 **9th Int Conf on Amorphous and Liquid Semiconductors** Grenoble, France 11/80
- 5-10 **4th Int Conf on Surface and Colloid Sci** Jerusalem, Israel 9/80
- 6-9 **Int Conf on Internal Friction and Ultrasonic Attenuation in Solids** Lausanne, Switzerland 7/80
- 6-10 **9th Int Conf on Atomic Collisions in Solids** Lyon, France 11/80
- 6-10 **9th Int Conf on High Energy Phys and Nuclear Structure** Versailles, France 7/80
- 6-10 → **Physical Metallurgy** Andover, N.H. (A. M. Chruickshank, Gordon Res. Conf., Colby-Sawyer College, New London, N.H. 03257)
- 6-10 → **Chemistry & Physics of Solids** Plymouth, N.H. (A. M. Chruickshank, Gordon Res. Conf., Colby-Sawyer College, New London, N.H. 03257)
- 6-10 → **Atomic Physics** Wolfeboro, N.H. (A. M. Chruickshank, Gordon Res. Conf., Colby-Sawyer College, New London, N.H. 03257)
- 7-10 **3rd Int Conf on Hot Carriers in Semiconductors** Montpellier, France 9/80
- 9-15 **1981 EPS Conf on High Energy Phys** Lisbon, Portugal 9/80
- 12-16 **5th Int Mtg on Nuclear Magnetic Resonance** Exeter, England 3/81
- 13-17 **16th Annual Conf of the Microbeam Analysis Soc** Vail, Colorado 11/80
- 13-17 **Int Conf on the Applications of Mössbauer Effect** Srinagar, India 9/80

- 13-17 → **Solid State Studies in Ceramics** Andover, N.H. (A. M. Chruickshank, Gordon Res. Conf., Colby-Sawyer College, New London, N.H. 03257)
- 13-17 → **Line & Point Defects** Plymouth, N.H. (A. M. Chruickshank, Gordon Res. Conf., Colby-Sawyer College, New London, N.H. 03257)
- 13-25 **17th Int Cosmic Ray Conf** Paris 3/81
- 14-17 → **Biological Action of Radiofrequency, Microwave and Ultrasonic Radiations**, 10th L H Gray Conf Oxford, UK (R. C. Hill, Inst. of Cancer Res., Royal Marsden Hospital, Sutton, Surrey, UK)
- 14-18 **15th Int Conf on Phenomena in Ionized Gases** Minsk, USSR 7/80
- 15-17 **2nd Nat Conf on Synchrotron Radiation Instrumentation** Ithaca, N.Y. 11/80
- 15-17 → **Summer Computer Simulation Conf** [SCS/ISA] Washington, D.C. (W. E. Buchanan, Appl. Phys. Lab., Johns Hopkins Rd., Laurel, Md. 20810)
- 15-21 **12th Int Conf on the Phys of Electronic and Atomic Collisions** Gatlinburg, Tenn. 11/80
- 18-23 **Sci Meeting of the Astro Soc of Amer** Seattle, Wash. 11/80
- 20-22 → **Physiological Assessment of the Aged** [HPA] (Physiological Measurement Group) Southampton, UK (HPA, 47 Belgrave Sq., London SW1X 8QZ, UK)
- 20-24 **1981 Int Conf on Luminescence** West Berlin, FRG 9/80
- 20-24 → **Holography Workshop III** Lake Forest, Ill. (Holography Workshop, Lake Forest College, Lake Forest, Ill. 60045)
- 21-24 → **1981 IEEE Annual Conf on Nuclear and Space Radiation Effects** Seattle, Wash. (H. H. Sander, Sandia Nat. Labs, Ctr. for Radiation-Hardened Microelectronics, Div. 2143, Albuquerque, N.M. 87185)
- 25-28 **7th Int Conf on Conduction and Breakdown in Dielectric Liquids** West Berlin, Fed. Rep. Germany 7/80
- 26-31 → **Int Symp on Fundamentals of Latent Image Formation and Photosensitive Interfaces** [SPSE] Lake Placid, N.Y. (R. Wood, SPSE, 7003 Kilworth Lane, Springfield, Va. 22151 [(703) 642 9090])
- 27-31 → **Int Symp on Migration in the Terrestrial Environment of Long-Lived Radionuclides from the Nuclear Fuel Cycle** [IAEA] Knoxville, Tenn. (R. Najjar, Conf. Service Station, IAEA, P. O. Box 100, A-1400 Vienna, Austria)
- 29-31 → **3rd Conf on Dynamical Processes in the Excited States of Ions and Molecules in Solids** Regensburg, FRG (W. Gebhardt, Fachbereich Physik, Univ. Regensburg, D 8400, Regensburg, FRG)

AUGUST 1981

- 2-5 → **Heat Transfer in Composite Materials—20th ASME-AIChE National Heat Transfer Conf** Milwaukee, Wisc. (L. S. Fletcher, College of Eng., Texas A&M Univ., College

- Station, Tex. 77843 [(713) 845-6431])
- 3-6 **NMR Symp** Denver, Colo. 11/80
- 3-6 **4th Int EPR Symp** Denver, Colo. 11/80
- 3-7 **Symp on Extragalactic Radio Sources** Albuquerque, N. M. 7/80
- 3-7 **Int Conf on Phase Transitions on Surfaces** Orono, Me. 3/81
- 3-7 **Conf on Applications of X-Ray Analysis** Denver, Colo. 3/81
- 3-7 → **Scanning Electron Microscopy** Chicago, Ill. (N. B. Daerr, McCrone Res. Inst., 2508 S. Michigan Ave., Chicago, Ill. 60616)
- 3-7 → **Nonlinear Optics** Wolfeboro, N.H. (A. M. Chruickshank, Gordon Res. Conf., Colby-Sawyer College, New London, N.H. 03257)
- 3-7 → **Siggraph '81: 8th Annual Conf on Computer Graphics and Interactive Techniques** Dallas, Tex. (D. Green, Dept. of Electrical Eng., Texas A&M Univ. College Station, Tex. 77843)
- 3-7 → **4th Workshop on Lie-Admissible Formulations** Cambridge, Mass. (R. M. Santilli, Inst. for Basic Research, 96 Prescott St., Cambridge, Mass. 02138)
- 8-13 **AAPM Annual Meeting** Boston, Mass. 7/80
- 9-12 **2nd Topical Mtg on Fusion Reactor Materials** Seattle, Wash. 3/81
- 9-14 → **8th Conf on Mixing** [Engineering Foundation] HENNIKER, N.H. (Eng. Foundation, 345 E. 47 St., N.Y., N.Y. 10017)
- 10-14 → **Chemistry & Physics of Liquids** Plymouth, N.H. (A. M. Chruickshank, Gordon Res. Conf., Colby-Sawyer College, New London, N.H. 03257)
- 10-14 → **Few-Body Problems** Wolfeboro, N.H. (A. M. Chruickshank, Gordon Res. Conf., Colby-Sawyer College, New London, N.H. 03257)
- 10-14 → **Dynamics of Gas Surface Interaction** Plymouth, N.H. (A. M. Chruickshank, Gordon Res. Conf., Colby Sawyer College, New London, N.H. 03257)
- 10-14 → **Nuclear Structure Physics** Plymouth, N.H. (A. M. Chruickshank, Gordon Res. Conf., Colby Sawyer College, New London, N.H. 03257)
- 10-14 **Int Symp on the Phys of Solids under High Pressure** Bad Honnef, FRG 11/80
- 10-14 **1981 Cryogenic Engineering Conf/Int Cryogenic Materials Conf** San Diego, Cal. 7/80
- 10-14 **5th Int Symp on Plasma Chem** Edinburgh, UK 7/80
- 10-14 **Int Conf on Low-Dimensional Conductors** Boulder, Colo. 3/81
- 10-19 **20th Gen Assembly of Int Union of Radio Sci** Washington, D.C. 11/79
- 11-21 **6th Int Conf on Math Phys/Congress of the Assoc for Math Phys** West Berlin, FRG 7/80
- 12-13 **Symp on Neutron Diffraction** Argonne, Ill. 9/80
- 12-14 → **21st Canadian High Polymer Forum** Kingston, Ontario (R. E. Prud'homme, Chem. Dept., Laval Univ. Québec, Canada G1K 7P4)

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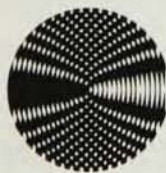
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By R. P. Haelbich, M. Iwan and E. E. Koch
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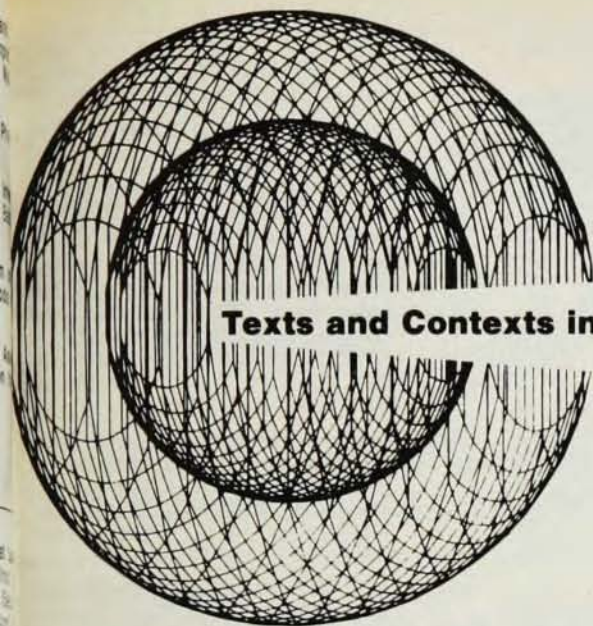
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- 16-25 **12th Gen Assembly and Congress of the Int Union of Crystallography** Ottawa, Canada 7/80
- 17-20 **6th Int Conf on Fast Ion Beam Spectroscopy** Québec, Canada 3/81
- 17-21 **Annual Meeting of the Meteoritical Soc** Bern, Switz. 9/80
- 17-21 **Int Symp on Transition Metal Catalyzed Polymerizations: Unsolved Problems** Midland, Mich. 3/81
- 17-21 → **Transmission Electron Microscopy & Selected Area Electron Diffraction** Chicago, Ill. (N. B. Daerr, McCrone Res. Inst., 2508 S. Michigan Ave., Chicago, Ill. 60616)
- 17-21 → **Elementary Particle Interaction** Andover, N.H. (A. M. Chruickshank, Gordon Res. Conf., Colby Sawyer College, New London, N.H. 03257)
- 17-21 → **21st Conf on Physical Sciences and Engineering in Medicine and Biology** [Australian College of Physical Sciences in Medicine] Melbourne, Australia (K. H. Clarke, Phys. Sci. Cancer Inst., 481 Little Lonsdale St. Melbourne, Vic., Australia 3000)
- 17-22 **5th Int Meeting on Ferroelectricity** University Park, Pa. 11/80
- 17-22 **High Pressure in Research and Industry** Uppsala, Sweden 3/81
- 19-26 **16th Low Temperature Phys Conf** Los Angeles, Cal. 11/79
- 20 **Symp on Applications of Lidar to Atmospheric Radiation and Climate** Hamburg, FRG 3/81
- 23-4 **Excitations in Disordered Systems** East Lansing, Mich. 3/81
- 23-28 **Int Symp on Physicochemical Aspects of Polymer Surfaces** New York, N.Y. 11/80
- 23-28 **Int Conf on the Sci of Hard Materials** Moran, Wy. 9/80
- 23-28 → **Symp on Prediction and Study of Equilibrium Properties of Fluids** New York, N.Y. (G. A. Mansoori, Dept. of Energy Eng., Univ. Of Illinois at Chicago Circle, Box 4348, Chicago, Ill. 60680)
- 23-29 **7th Int Biophys Congress of the Int Union for Pure and Applied Biophys** Mexico City, Mex. 7/80
- 24-27 → **Conf on Radiation Protection** [Australian Radiation Protection Assoc.] Sydney, Australia (R. Rosen, Univ. of New South Wales, P.O. Box 1, Kensington, NSW, Australia 2033)
- 24-28 → **25th Annual Int Technical Symp & Exhibition** [Soc of Photo-Optical Eng.] San Diego, Cal. (US Organizing Sec. P.O. Box 10, Bel-lingham, Wash. 98227)
- 24-28 **4th Int Conf on Electronic Properties of Two-Dimensional Systems** New London, N. H. 11/80
- 24-28 **4th Int Conf on Rapidly Quenched Metals** Sendai, Japan 7/80
- 24-28 **IAU Colloquium: Evolutionary Status of Variable Stars** Budapest, Hungary 9/80
- 24-29 **1981 Symp on Lepton and Photon Interactions at High Energies** Bonn, FRG 9/80
- 26-28 **Molecular Structure and Biological Activity (A Symposium on Biologically Active Molecules)** Buffalo, N. Y. 3/81
- 31-3 **Int Conf on Phonon Phys** Bloomington, Ind. 7/80
- 31-4 **Amorphous Systems Investigated by Nuclear Methods** Balatonfüred, Hungary 9/80
- 31-4 **10th Int Colloquium on Group Theoretical Methods in Phys** Canterbury, UK 9/80
- 31-5 **Congress and 12th Assembly of the Int Commission for Optics** Graz, Austria 9/80

SEPTEMBER 1981

- 1-4 → **2nd Australian Nat Laser Conf** [ACS, Australian Inst. of Phys.] Canberra, Australia (Sec., 2nd Australian Nat. Laser Conf., Eng. Phys. Dept., Res. School of Phys. Sci., P. O. Box 4, Canberra, Act. 2600, Australia) [5/31/81]
- 1-5 **22nd Int Colloquium on Spectroscopy/9th Int Conf on Atomic Spectroscopy** Tokyo, Japan 9/80
- 2-4 → **5th Int Symp on Radionuclides in Nephrology** [Royal Society] London, UK (A. R. Constable, Inst. of Urology, 172 Shaftesbury Ave., London WC2H 8JE, UK)
- 6-12 **GIREP Conf on Phys Education on Nuclear Phys and Nuclear Power** Balatonfüred, Hungary 9/80
- 7-10 **4th Int Conf on Small Gap Semiconductors** Linz, Austria 9/80
- 7-10 **9th Int Conf on Cyclotrons and Their Applications** Caen, France 9/80
- 7-10 → **Electron Microscopy Analysis Group Conf** [Inst. of Phys.] Cambridge, UK (Meetings Officer, Inst. of Phys., 47 Belgrave Sq. London SW1X 8QX) [5/15/81]
- 7-11 **5th EPS Gen Conf** Istanbul, Turkey 9/80
- 7-11 **4th Int Symp on Neutron-Capture Gamma-Ray Spectroscopy and Related Topics** Grenoble, France 7/80
- 7-11 **Int Conf on Nonlinear Phenomena in Chemical Dynamics** Bordeaux, France 3/81
- 7-11 → **Int Conf and Satellite Mtg of the 12th Assembly of the Int Commission for Optics on Optics in Biomedical Sciences** Graz, Austria (K. Schindl, C. Reichert Optische Werke AG, Hernalser Hauptstrasse 219, A-1170, Vienna, Austria)
- 7-11 → **Chemistry of Materials at High Temperatures** Harwell, UK (P. E. Potter, Chem. Div., AERE Harwell, Nr. Didcot, Oxon, OX11 0RA, UK)
- 7-12 **11th Int Conf on Solid State Nuclear Track Detectors** Bristol, UK 9/80
- 8-10 **2nd Int Conf on Chemical Analysis: Microanalysis Using Charged Particle Accelerators** Namur, Belgium 3/81
- 8-11 **7th Eur Conf on Optical Communication** Copenhagen, Denmark 11/80
- 9-11 → **Annual Mtg of the Division of Particles and Fields of the APS**



Texts and Contexts in Synchrotron Radiation

Synchrotron Radiation: Introduction and Applications, C. Kunz, editor

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9-11 → **2nd Int Symp on Radiopharmacology** Chicago, Ill. (Pharmacology Dept., School of Medicine, Loyola Univ., Maywood, Ill. 60653)

13-15 → **Nat Teach-in on Medical Computing** [British Computer Soc.] Lancaster, UK (J. Bryant, Mtgs. Sec., BCS, 13 Manfield St., London W1M 0BP, UK)

13-17 **COMPUMAG Conf on the Computation of Magnetic Fields** Chicago, Ill. 9/80

13-18 → **10th Int Cong of Electroencephalography and Clinical Neurophysiology** Kyoto, Japan (M. Ebe, Dept. of Physiology, Toranomon Hospital, 2-2-2 Toranomon, Minato-ku, Tokyo, Japan)

14-16 **Selectivity in Heterogeneous Catalysis** Nottingham, UK 9/80

14-16 **4th European Conf on Surface Science** Münster, FRG 3/81

14-17 **4th Int Conf on Small Gap Semiconductors** Linz, Austria 9/80

14-17 → **11th European Solid State Device Res Conf/6th Symp on Solid State Device Technology** [CNRS] Toulouse, France (G. Sarraयरouse, LAAS-CNRS 7, av. du Colonel-Roche, 31400 Toulouse, France)

14-18 → **COMPCON Fall '81** Washington, D. C. (H. Hayman, P. O. Box 639, Silver Spring, Md. 20901)

14-18 → **Research Reactor Operation and Use** [IAEA] Julich, FRG (J. Kane, Int. Affairs, IA-50, Rm AI-5216, DOE, Washington, D. C. 20545)

14-19 **10th European Conf on Controlled Fusion and Plasma Physics** Moscow, USSR 3/81

15-17 → **Western Electronic Show and Convention (WESCON)**, San Francisco, Cal. (D. Litherland, Electronic Conventions, 999 N. Sepulveda Blvd., El Segundo, Cal. 90245)

15-18 **Int Mtg (Relativistic Astrophysics, Origins and Evolution of the Solar System, Late Stages of Stellar Evolution)** Innsbruck, Austria 3/81

16-18 → **Oceans 81** [IEEE, MTS] Boston, Mass. (OCEANS 81, P. O. Box 132, Portsmouth, R. I. 02871)

20-22 → **Molecular Spectroscopy/FACSS Mtg** [ASTM] Philadelphia, Pa. (J. Schroeder, ASTM, 1916 Race St., Philadelphia, Pa. 19103 [(215)299-5529])

20-23 **1981 Int Symp on Gallium Arsenide and Related Compounds** Oiso, Kanagawa, Japan 3/81

21-23 → **7th Biennial Symp on Turbulence** Rolla, Mo. (G. K. Patterson, Chem. Eng. Dept, Univ. of Missouri-Rolla, Rolla, Mo. 65401 [(314)341-4416])

21-25 → **5th Int Thin Films Congress, Thin Films: Properties and Devices** Herzlia-on-Sea, Israel (Sec., P. O. Box 3054, Tel Aviv, Israel)

21-26 **12th Europhys Conf on Macromolecular Phys on Molecular Mobility in Polymer Systems** Leipzig, German Dem. Rep. 9/80

22-25 → **6th Symp on the Jahn-Teller Effect** Nijmegen, The Netherlands (D. van der Wey, Phys. Chem., Katho-

23-25 **5th Nat Quantum Electronics Conf** Hull, England 3/81

28-2 → **Int Conf on Industrial Applications of Radioisotopes and Radiation Technology** Grenoble, France (IAEA, P. O. Box 100, Vienna International Centre, A-1400, Vienna, Austria)

OCTOBER 1981

4-9 → **Int Conf on Radiation Hazards in Mining: Control, Measurement, and Medical Aspects** [US Dept. of Labor] Denver, Colo. (M. Gomez, Mine Safety and Health Admin., Denver Tech. Support Ctr., P. O. Box 25367, DFC, Denver, Colo. 80225)

5-7 **1st Int Symp on Radiological Physics** Bratislava, CSSR 3/81

5-7 → **3rd Symp on Frequency Standards and Metrology** [CNRS] Aussois, France (C. Audoin, Lab. de l'Horloge Atomique, Bat. 221-Univ. Paris-Sud, 91405 Orsay, Cedex France)

7-9 → **7th Int Conf on Very Large Data Bases** Nice, France (M. Edelberg, Sperry Research Ctr. 100 North Rd., Sudbury, Mass. 01776)

11-15 → **53rd Annual Mtg of Soc of Rheology** Louisville, Ky. (L. R. Schmidt, General Electric R&D Center, P. O. Box 8, Schenectady, N.Y.)

11-15 → **1981 Fall Mtg of the Basic Science Div. of the American Ceramic Society** [AIME] Louisville, Ky. (L. Ogbuji, Dept. of Materials Science, Univ. of Florida, Gainesville, Fla. 32611 [(904)392-1455])

11-15 → **Symp on Computer Simulation of Phase Transformation Involving Solids** [ASM] Louisville, Ky. (P. C. Clapp, Dept. of Metallurgy U-136, Univ. of Conn., Storrs, Conn. 06268)

12-15 → **American Soc for Testing and Materials Emission Spectroscopy Mtg** Gaithersburg, Md. (J. J. Rothrock ASTM, 1916 Race St., Philadelphia, Pa. 19103 [(215)299-5485])

12-16 → **Mtg of the APS Plasma Phys Div** New York, N. Y. 9/80

12-16 → **Int Mtg on Radiobiology of Radium and the Actinides in Man** [Argonne Nat. Lab.] Wisc. (J. Rundo, Argonne Nat. Lab., 9700 S. Cass Ave., Argonne, Ill. 60439)

13-16 → **Int Symp on Indoor Air Pollution, Health and Energy Conservation** Amherst, Mass. (J. Spengler, Dept. of Environmental Health Sci., Harvard School of Pub. Health, 665 Huntington Ave., Boston, Mass. 02115)

13-16 → **Div of Planetary Sci of the AAS** Pittsburgh, Pa. (Dept. of Geology & Planetary Sci., 321 Old Engineering Hall, Univ. of Pittsburgh, Pa. 15260)

14-16 → **Ultrasonics Conf** Chicago, Ill. (W.D. O'Brien, Biocoustics Research Lab., Univ. of Illinois, Urbana, Ill. 68101 [(217)333-2407])

18-21 **11th Annual North American Thermal Analysis Soc Mtg** New Orleans, La. 3/81

19-20 → **14th Annual Synchrotron Radiation Users Group Mtg** Madison,

19-23 **3rd Neutral Beam Wrkshp** Gatlinberg, Tenn. 11/80

19-23 **6th Eur Regional Astro Meeting: Sun and Planetary Systems** Dubrovnik, Yugoslavia 9/80

19-23 → **Int Symp on Application of the Dose Limitation Systems in Nuclear Fuel Cycle Facilities and Other Radiation Practices** [IAEA ICRP] Madrid (R. Najar, Conf. Service Sec., IAEA, P. O. Box 100, A-1400 Vienna, Austria)

20-21 → **Symp on Producibility and Quality Assurance of Composite Materials** [ASTM] St. Louis, Mo. (C. Browning, AFWAL/MLBC, Wright-Patterson AFB, Ohio 45433 [(513)255-2201]) [6/1/81]

20-23 → **34th Annual Gaseous Electronics Conf** Boston, Mass. (M. J. Boness, Avco Everett Res. Lab., 2385 Revere Beach Parkway, Everett, Mass. 02149)

21-23 → **Nuclear Science Symp** San Francisco, Cal. (P. L. Phelps Jr., Lawrence Livermore Lab., P. O. Box 5507, L-453, Livermore, Cal. 94550)

21 → **Forces and Fluid Mechanics in Medicine** [HPA (General Medical Physics Group)] Durham, UK (HPA, 47 Belgrave Sq., London SW1X 8 QX, England)

22-23 → **8th Annual Stanford Synchrotron Radiation Laboratory Users Group Mtg** Stanford, Cal. (J. C. Miller, SSRL-SLAC Bin 69, P. O. Box 4349, Stanford, Cal. 94305)

22-24 **Workshop on Pion Production and Absorption in Nuclei** Bloomington, Ind. 9/80

25-28 → **1981 Conf on Electrical Insulation and Dielectric Phenomena** Whitehaven, Pa. (C. M. Cooke, Bldg. N-10, High Voltage Research Lab., MIT, 155 Mass. Ave., Cambridge, Mass. 02139)

26-29 **9th Symp on Engrng Problems of Fusion Res** Chicago, Ill. 11/80

26-30 **OSA Annual Meeting** Kissimmee, Fla. 9/80

26-30 **3rd Int Conf on Energy Use Management**. ICEUM-III Berlin, FRG 3/81

27-29 → **2nd Joint Meeting of Hungarian Physical Soc/Austrian Vacuum Soc** Brunn am Gebirge, Austria (R. Dobrozemsky, Institut für Allgem. Physik, Univ. of Technology, Karlsplatz 13, A-1040 Vienna, Austria)

28-30 **Meeting of the APS Nuclear Phys Div** Asilomar, Cal. 9/80

28-30 → **22nd Annual Symp on Foundations of Computer Science** Nashville, Tenn. (R. Book, Dept. of Math., Univ. of California, Santa Barbara, Cal. 93106)

30 → **Dosimetry in Diagnostic Radiology Group** [HPA (Diagnostic Radiology Group)] London, UK (HPA, 47 Belgrave Sq., London SW1X 8QX, UK)

NOVEMBER 1981

3-6 **AVS Symp** Anaheim, Cal. 9/80

9-12 **Int Mtg on Neutron Irradiation Effects in Solids** Argonne, Ill. 3/81



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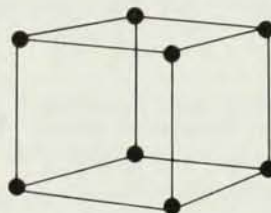


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10-13 → **27th Annual Conf on Magnetism and Magnetic Materials** [AIP, IEEE, AMPS, ONR, AIME, ASTM] Atlanta, Ga. (I. S. Jacobs, General Electric, R&D Ctr., P.O. Box 8, Schenectady, N.Y. 12301) [7/20/81]

16-19 → **Materials Research Soc Mtg** Boston, Mass. (MRS Secy., 102C Materials Res. Lab., University Park, Pa. 16802)

15-20 **Joint Mtg AAPM and Radiation Soc of N Amer** Chicago, Ill. 3/81

16-20 **Conf on Magnetism and Magnetic Materials** Atlanta, Ga. 9/80

17-18 **13th Annual Symp on Optical Materials for High Power Lasers** Boulder, Colo. 3/81

17-19 → **Electro-Optics/Laser Conf and Expo** [Cahners Exposition Group] Anaheim, Cal. (Industrial & Sci. Conf Management, 222 W. Adams St., Chicago, Ill. 60606)

22-24 **Mtg of the APS Fluid Dynamics Div** Monterey, Cal. 9/80

23-25 **APS Fall Mtg/Southeastern Section Mtg** New Orleans, La. 9/80

23-28 → **Int Workshop on the Physics of Semiconductor Devices** [COST-ED, ICSU, IEEE Asian Physical Soc.] Delhi, India (S. C. Jain, Solid State Physics Lab., Lucknow Rd., Delhi-110007, India)

24-25 → **Quantitative Surface Analysis: Chemical State, Standards & Reference Data** Teddington, UK (C. Lea, Div. of Chem. Standards, Nat. Phys. Lab., Teddington, Middlesex TW11 0LW, UK)

30-4 **ASA Annual Mtg** Miami Beach, Fla. 9/80

DECEMBER 1981

3-5 **Mtg of the APS Electron & Atomic Phys Div** New York, N.Y. 9/80

4-5 **Symp on the Orion Nebula to Honor Henry Draper** New York, N.Y. 3/81

7-11 **6th Int Conf on Infrared and Millimeter Waves** Miami Beach, Fla. 9/80

7-11 **AGU Fall Mtg** San Francisco, Cal. 9/80

9-11 → **Optical Fabrication and Testing Workshop** [OSA] Anaheim, Cal. (OSA, 1816 Jefferson Pl., N.W. Washington, D.C. 20036 [(202) 223-8130])

11 → **69th Physics Exhibition 1981** [Societe Francaise de Physique] Paris, France (Ambassade de France, Mission Sci., 2011 I St., N.W. Washington, D.C. 20006)

16-18 → **20th IEEE Conf on Decision and Control** San Diego, Cal. (M. K. Sain, Dept. of Electrical Eng. Notre Dame Univ., Notre Dame, Ind. 46556 [(219)283-6538])

JANUARY 1982

3-8 **AAAS Mtg** Washington, D. C. 3/81

6-8 → **6th Topical Mtg on Integrated and Guided-Wave Optics** [OSA]

Pacific Grove, Cal. (OSA, 1816 Jefferson Pl., N. W., Washington, D. C. 20036 [(202)223-8130])

10-13 → **159th Mtg of AAS** Boulder, Colo. (P. B. Boyce, AAS, 1816 Jefferson Pl., N. W., Washington, D. C. 20036)

25-28 **APS/AAPT Annual Joint Mtg** San Francisco, Cal. 11/80

FEBRUARY 1982

20-26 → **COMPCON Spring 1982** San Francisco, Cal. (H. Hayman, P. O. Box 639, Silver Spring, Md. 20901)

MARCH 1982

7-11 → **3rd Int Symp on Gaseous Dielectrics** [IEEE] Knoxville, Tenn. (D. W. Bouldin, Oak Ridge Nat. Lab., 4500S, H-158, P. O. Box X, Oak Ridge, Tenn. 37830)

7-11 → **AIAA 9th Communications Satellite Systems Conf** San Diego, Cal. (W. L. Morgan, 52 B Green Valley Rd., Clarksburg, Md. 20734 [(301) 831-9201])

8-12 → **APS Gen Meeting** Dallas, Tex. (W. W. Havens Jr., APS, 335 E. 45th St., New York, N.Y. 10017)

12-17 → **Int Symp on Applications and Technology of Ionizing Radiations** Riyadh, Saudi Arabia (R. Barrall, Cancer Therapy Inst., King Faisal Hospital, Box 3354, Riyadh, Saudi Arabia) [9/15/81]

14-18 → **6th Symp on Temperature—Its Measurement and Control in Science and Industry** [AIP, ISA, NBS] Washington, D. C. (L. G. Rubin, Nat. Magnet Lab., MIT, Cambridge, Mass. 02138)

22-25 → **2nd European Physical Soc Condensed Matter Div General Conf** Mtg. Officer, Inst. of Physics, 47 Belgrave Sq., London SW1X 80X

29-31 → **Vacuum '82** [Vacuum Group of the Institute of Physics] Chester, England (Meetings Officer, Inst. of Phys., 47 Belgrave Sq., London SW1X 80X UK)

29-2 → **3rd Int Congress of European Association of Thermology** Bath, UK (Congress Sec., Martlet Conf. Services, 24 Preston St., Brighton, Sussex BN1 2HN, UK)

29-2 → **ACA General Mtg** Gaithersburg, Md. (C. R. Hubbard, NBS, Matl. A229, Washington, D. C.)

APRIL 1982

4-8 → **6th Int Conf on Positron Annihilation** Arlington, Tex. (L. M. Diana, Box 19059, U. of Texas, Arlington, Tex. 76019)

12-14 → **5th Topical Mtg on Optical Fiber Communication** [OSA] Phoenix, Ariz. (OSA, 1816 Jefferson Pl. N. W., Washington, D. C. 20036 [(202)223-8130])

14-16 → **2nd Conf on Lasers and Electro-Optics** [OSA] Phoenix, Ariz. (OSA,

1816 Jefferson Pl. N. W., Washington, D. C. 20036 [(202)223-8130])

18-24 → **4th Cong of the Int Rehabilitation Medicine Assoc** San Juan, P. R. (H. J. Flax, Luhn 2, Guaynabo, P. R. 00657)

26-29 → **APS General Meeting** Washington, D. C. (W. W. Havens, Jr., APS 335 E. 45th St., New York, N. Y. 10017)

26-30 → **103rd Mtg of the ASA** Chicago, Ill. (B. Goodfriend, ASA, 335 E. 45th St., New York, N. Y. 10017)

MAY 1982

3-7 → **5th Int Conf on Plasma Surface Interactions in Controlled Fusion Devices** Gatlinburg, Tenn. (R. A. Langley, ORNL, P. O. Box Y, Oak Ridge, Tenn. 37830)

17-19 → **INTER-NOISE 82: 11th Int Conf on Noise Control Engineering** San Francisco, Cal. (Conf. Sec. Noise Control Foundation, P. O. Box 3469, Arlington Branch, Poughkeepsie, N. Y. 12603)

25-27 → **Electro '82** Boston, Mass. (D. Litherland, Electronic Conventions, 999 N. Sepulveda Blvd., El Segundo, Cal. 90245)

JUNE 1982

6-11 → **3rd Int Symp on Radiation Protection: Advances in Theory and Practice** [SRP] Inverness, Scotland (J. Y. Comben, Radiological Protection, Imperial Cancer Res. Fund, P. O. Box 123, Lincoln's Inn Fields, London WC2A 3PX, UK)

6-11 → **ANS Annual Mtg** Los Angeles, Cal. (ANS, 555 N. Kensington Ave., La Grange Park, Ill. 60525) [(312) 352-6611]

7-10 → **National Computer Conf** New York, N. Y. (H. Hayman, P. O. Box 639, Silver Spring, Md. 20901)

9-15 → **Int Conf on Plasma Physics, Joint Conf of 5th Kiev Int Conf or Plasma Theory and 5th Int Conf on Waves and Instabilities in Plasmas** Goteborg, Sweden (Conference Sec. Swedish Trade Fair Found., Box 5222, S-402 24 Goteborg, Sweden) [2/1/82]

13-18 → **Int Microwave Symp** Dallas, Tex. (D. McQuiddy Jr., Microwave Lab., P. O. Box 226015, MS 255, Dallas, Tex. 75266)

14-17 → **Annual Mtg of Society of Nuclear Medicine** Miami Beach, Fla. (M. Glos, SNM, 475 Park Ave. S., N. Y., N. Y. 10016)

15-17 → **Int Microwave Symp** [IEEE] Los Angeles, Cal. (A. Clavin, Hughes Aircraft Co., Bldg. 268, 8433 Fallbrook Ave., Canoga Park, Cal. 91304)

28-30 → **ASTM 11th Int Symp on the Effects of Radiation on Materials** Scottsdale, Ariz. (H. R. Brager, Westinghouse Hanford, P. O. Box 1970, Richland, Wash. 99352) □