

calendar

JANUARY 1981

- 21-25 **Conf on Liquid Crystals of One- and Two-Dimensional Order and their Applications** Garmisch-Partenkirchen, Fed. Rep. Germany 9/79
- 26-29 **APS/AAPT Annual Joint Meeting** New York, N.Y. 11/79
- 27-29 **8th Annual Conf on the Phys of Compound Semiconductor Interfaces** Williamsburg, Va. 9/80

FEBRUARY 1981

- 5-15 **1st Int Winter Symp on Computed Tomography and Ultrasonography** Chamonix, France 11/80
- 17-26 **20th Int University Week for Nuclear Phys: Recent Developments in Mathematical Phys** Schladming, Austria 11/80
- 22-25 **Meeting of the Adhesion Soc** Savannah, Georgia 9/80
- 22-26 **52nd S of R Annual Meeting** Williamsburg, Virginia 7/80
- 25-2 **Conf on Nonlinear Problems in Sci** Houston, Texas 9/80

MARCH 1981

- 2-4 **Texas Conf on Theoretical Approaches to Chem Dynamics** Austin, Texas 9/80
- 8-14 **Conf on High Energy (Multiparticle) Hadron Phys** Erice, Italy 7/80
- 11-13 **Particle Accelerator Conf** Washington, D.C. 11/79
- 11-14 **Conf on Resonance Light Scattering in Solid State and Biomolecular Systems** Castle Hot Springs, Arizona 11/80
- 12-14 **Topical Conf on Tetrahedrally Bonded Amorphous Semiconductors** Carefree, Arizona 11/80
- 16-19 **Meeting on Long-Time Prediction in Nonlinear Conservative Systems** Austin, Texas 11/80
- 16-20 **APS Gen Meeting** Phoenix, Ariz. 11/79
- 22-27 **ACA Meeting** College Station, Texas 7/80
- 23-24 **Wrkshp on Molecular Electronic Devices** Washington, D.C. 11/80
- 23-26 **4th Int Conf on Stable Isotopes** Jülich, Fed. Rep. Germany 11/80
- 23-27 **Meeting on Nuclear Phys** Hamburg, Fed. Rep. Germany 11/80

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.

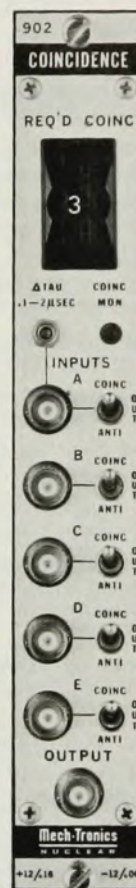
Abbreviations:

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
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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- 25-27 **Int Conf on Excited State and Multiresonant Nonlinear Processes in Solids** Aussois, France 9/80
- 30-3 **7th Int Conf on Magnet Tech** Karlsruhe, Fed. Rep. Germany 7/80

APRIL 1981

- 6-8 **Conf on Particle Phys and Nuclear Structure** Oxford, UK 7/80
- 6-10 **6th Int Symp on Noise in Phys Systems** Gaithersburg, Md. 7/80
- 6-10 **2nd Oxford Conf on Microscopy of Semiconducting Materials** Oxford, UK 9/80
- 6-10 **Int Conf on Metallurgical Coatings** San Francisco, Cal. 9/80
- 6-10 **Eur Conf on Atomic Phys** Heidelberg, Fed. Rep. Germany 7/80
- 7-10 **Los Alamos Conf on Optics '81** Santa Fe, New Mexico 7/80
- 7-10 **Europhys Conf on Macromolecular Phys** Leeds, UK 7/80
- 7-10 **4th Int Seminar on Magnetism** Hetzdorf, German Dem. Rep. 9/80
- 8-10 **Conf on Mass Spectroscopic Analysis of Isotopes and Elements** Amsterdam, The Netherlands 11/80
- 8-11 **Colloquium on Phys of Photon-Photon Interactions** Paris, France 9/80
- 13-15 **Conf on High Resolution Spectroscopy** Bristol, UK 9/80
- 13-15 **Miami Int Symp on Metal-Hydrogen Systems** Miami Beach, Florida 9/80
- 13-15 **3rd Eur Solar Meeting: Solar Activity** Oxford, UK 9/80
- 14-16 **IAU Colloquium: Uranus and the Outer Solar System** Bath, UK 9/80
- 20-23 **APS Gen Meeting** Baltimore, Md. 11/79
- 27-29 **Conf on Insulating Films on Semiconductors** Erlangen, Fed. Rep. Germany 7/80
- 27-29 **3rd Int Conf on Integrated Optics and Fiber Communication** San Francisco, Cal. 9/80

MAY 1981

- 4-6 **Topical Conf on Gradient Index Optical Imaging Systems** Honolulu, Hawaii 11/80
- 6-8 **Three Lands Conf on Crystal Growth** Noordwijkerhout, The Netherlands 9/80
- 6-8 **4th Int Conf on Electrostatics** Hague, The Netherlands 9/80
- 10-15 **Symp on the Adhesion Aspects of Polymeric Coating** Minneapolis, Minn. 9/80
- 10-15 **Symp on Laser Spectroscopy** Minneapolis, Minnesota 11/80
- 11-15 **15th IEEE Photovoltaic Specialists Conf** Orlando, Florida 11/80
- 11-15 **INTERMAG** Grenoble, France 7/80

- 18-20 **Int Conf on Plasma Sci** Santa Fe, New Mexico 7/80
- 18-21 **5th Princeton Conf on Space Manufacturing** Princeton, New Jersey 11/80
- 18-22 **ASA Gen Meeting** Ottawa, Canada 11/79
- 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
- 27-28 **Princeton U Plasma Phys Lab Info Meeting** Princeton, New Jersey 7/80

JUNE 1981

- 1-4 **Symp on Mesons and Light Nuclei** Liblice Castle, Czechoslovakia 9/80
- 1-5 **8th Int Symp on Molecular Beams** Cannes, France 7/80
- 3-5 **3rd Symp on Applied Surface Analysis** Dayton, Ohio 11/80
- 7-12 **ANS Annual Meeting** Miami, Florida 7/80
- 8-11 **2nd Int Conf on Solid Films and Surfaces** College Park, Maryland 7/80
- 8-12 **Int Conf on Fourier Transform Infrared Spectroscopy** Columbia, South Carolina 11/80
- 8-12 **2nd Int Conf on Precision Measurement and Fundamental Constants** Gaithersburg, Md. 7/80
- 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
- 15-17 **Int Microwave Symp** Los Angeles, Cal. 11/79
- 15-18 **Annual Congress of the Canadian Assoc of Phys** Halifax, Canada 7/80
- 15-19 **8th Symp of Thermophys Properties** Gaithersburg, Md. 7/80
- 15-19 **17th Conf on Thermal Conductivity** Gaithersburg, Maryland 11/80
- 15-19 **8th Int Thermal Expansion Symp** Gaithersburg, Maryland 11/80
- 16-19 **7th Symp Int on Detonation** Annapolis, Md. 9/80
- 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
- 21-26 **12th Int Symp on Multiparticle Dynamics** Notre Dame, Indiana 11/80
- 22-25 **Topical Conf on Photoacoustic Spectroscopy** Berkeley, Cal. 11/80
- 22-26 **Int Symp on Health Impacts of Different Sources of Energy** Nashville, Tennessee 11/80
- 22-26 **4th American Conf on Theoretical Chem** Boulder, Colorado 11/80

- 24-26 **Modification of the Surface Properties of Metals by Ion Implantation** Manchester, UK 11/80
- 28-1 **AAS Gen Meeting** Calgary, Canada 7/80
- 29-1 **Phys Electronics Conf** Bozeman, Montana 9/80
- 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

JULY 1981

- 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** Lydon, France 11/80
- 6-10 **9th Int Conf on High Energy Phys and Nuclear Structure** Versailles, France 7/80
- 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 NMR Meeting** Exeter, UK 9/80
- 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
- 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
- 15-21 **12th Int Conf on the Phys of Electronic and Atomic Collisions** Gatlinburg, Tennessee 11/80
- 18-23 **Sci Meeting of the Astro Soc of Amer** Seattle, Washington 11/80
- 20-24 **1981 Int Conf on Luminescence** West Berlin, Fed. Rep. Germany 9/80
- 25-28 **7th Int Conf on Conduction and Breakdown in Dielectric Liquids** West Berlin, Fed. Rep. Germany 7/80

AUGUST 1981

- 3-6 **NMR Symp** Denver, Colorado 11/80
- 3-6 **4th Int EPR Symp** Denver, Colorado 11/80
- 3-7 **Symp on Extragalactic Radio Sources** Albuquerque, New Mexico 7/80
- 8-13 **AAPM Annual Meeting** Boston, Massachusetts 7/80
- 10-14 **Int Symp on the Phys of Solids under High Pressure** Bad Honnef, Fed. Rep. Germany 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
- 10-19 **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, Fed. Rep. Germany 7/80
- 12-13 **Symp on Neutron Diffraction** Argonne, Ill. 9/80
- 16-25 **12th Gen Assembly and Congress of the Int Union of Crystallography** Ottawa, Canada 7/80
- 17-21 **Annual Meeting of the Meteoritical Soc** Bern, Switzerland 9/80
- 17-22 **5th Int Meeting on Ferroelectricity** University Park, Pennsylvania 11/80
- 19-26 **16th Low Temperature Phys Conf** Los Angeles, Cal. 11/79
- 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, Wyoming 9/80
- 23-29 **7th Int Biophys Congress of the Int Union for Pure and Applied Biophys** Mexico City, Mexico 7/80
- 24-28 **4th Int Conf on Electronic Properties of Two-Dimensional Systems** New London, New Hampshire 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, Fed. Rep. Germany 9/80
- 31-3 **Int Conf on Phonon Phys** Bloomington, Indiana 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

- 1-5 **22nd Int Colloquium on Spectroscopy/9th Int Conf on Atomic Spectroscopy** Tokyo, Japan 9/80
- 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
- 7-11 **5th EPS Gen Conf** Istanbul, Turkey 9/80
- 7-11 **4th Int Symp on Neutron-Capture Gamma-Ray Spectroscopy and**

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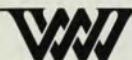
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- 7-12 **11th Int Conf on Solid State Nuclear Track Detectors** Bristol, UK 9/80
- 8-11 **7th Eur Conf on Optical Communication** Copenhagen, Denmark 11/80
- 13-17 **COMPUMAG Conf on the Computation of Magnetic Fields** Chicago, Illinois 9/80
- 14-16 **Selectivity in Heterogeneous Catalysis** Nottingham, UK 9/80
- 14-17 **4th Int Conf on Small Gap Semiconductors** Linz, Austria 9/80
- 21-26 **12th Europhys Conf on Macromolecular Phys on Molecular Mobility in Polymer Systems** Leipzig, German Dem. Rep. 9/80

OCTOBER 1981

- 19-23 **3rd Neutral Beam Wrkshp** Gatlinburg, Tennessee 11/80
- 19-23 **6th Eur Regional Astro Meeting: Sun and Planetary Systems** Dubrovnik, Yugoslavia 9/80
- 22-24 **Wrkshp on Pion Production and Absorption in Nuclei** Bloomington, Indiana 9/80
- 26-29 **9th Symp on Engrng Problems of Fusion Res** Chicago, Illinois 11/80
- 26-30 **OSA Annual Meeting** Kissimmee, Fla. 9/80
- 28-30 **Meeting of the APS Nuclear Phys Div** Asilomar, California 9/80

NOVEMBER 1981

- 2-6 **Meeting of the APS Plasma Phys Div** New York, N.Y. 9/80
- 3-6 **AVS Symp** Anaheim, Cal. 9/80
- 16-20 **Conf on Magnetism and Magnetic Materials** Atlanta, Ga. 9/80
- 22-24 **Meeting of the APS Fluid Dynamics Div** Monterey, Cal. 9/80
- 23-25 **APS Fall Meeting** New Orleans, La. 9/80
- 30-4 → **ASA Annual Meeting** Miami Beach, Florida (B. Goodfriend, ASA, 335 E. 45th St., New York, N.Y. 11017)

DECEMBER 1981

- 3-5 → **Meeting of the APS Electron & Atomic Phys Div** New York, N.Y. (W.W. Havens, Jr., APS, 335 East 45th St., New York, N.Y. 10017)
- 7-11 → **6th Int Conf on Infrared and Millimeter Waves** Miami Beach, Fla. (K.J. Button, MIT Nat. Magnet Lab., 170 Albany St., Cambridge, Mass. 02139)
- 7-11 → **AGU Fall Meeting** San Francisco, Cal. (Meetings, AGU, 2000 Florida Ave., NW, Washington, D.C. 20009)