

# CALENDAR

This is a partial calendar comprising only notices received since last month. A complete calendar is published every third month. Readers are referred to the last one, published in January, if they wish a comprehensive listing of notices. The April issue will contain the next complete calendar.

Information in the calendar is compiled from a file maintained in the PHYSICS TODAY office. Readers are invited to write or telephone for general calendar information beyond what we print. For complete information concerning an entry, readers are advised to consult the contact and the original PHYSICS TODAY reference.

## Abbreviations:

AAPT—American Association of Physics Teachers

AAS—American Astronomical Society

ACA—American Crystallographic Assoc.

APS—American Physical Society

ASA—Acoustical Society of America

OSA—Optical Society of America

S OF R—Society of Rheology

AEC—US Atomic Energy Commission

AFCRL—Air Force Cambridge Research Laboratories

ANS—American Nuclear Society

AVS—American Vacuum Society

IAEA—International Atomic Energy Agency

IEEE—Institute of Electrical and Electronics Engineers

IPPS—The Institute of Physics and The Physical Society

IUPAP—International Union of Pure and Applied Physics

NBS—National Bureau of Standards

ORNL—Oak Ridge National Laboratory

## Coding:

date subject ☐ HOST ☐ Location (Contact) [submission deadline] *Physics Today* ref.  
• new listing ♦ new information

## MARCH 1970

1-5 • ☐ RADIATION RESEARCH SOCIETY  
☐ Dallas (R. J. Burk, American University, Washington, D.C. 20016) 2/70

1-6 • ☐ AMERICAN RADIUM SOCIETY ☐  
San Diego (F. G. Bloedorn, University of Maryland Hospital, Baltimore, Md. 21201) 2/70

5-7 • ☐ TEXAS ACAD. SCI., TEXAS AAPT  
☐ San Angelo (B. T. Young, San Angelo State College, San Angelo, Texas 76901) 2/70

9-14 • Primary Radiation Effects in Chemistry and Biology ☐ COMISIÓN NACIONAL DE ENERGÍA ATOMICA ☐ Buenos Aires (M. A. Molinari, Avenida del Libertador 8250, Buenos Aires, Argentina) 2/70

10-12 • Changing Roles of Information Services ☐ NATIONAL FEDERATION OF SCIENCE ABSTRACTING AND INDEXING SERVICES ☐ (S. Keenan, NFSAIS, 2102 Arch Street, Phila., Pa. 19103) 2/70

16-21 • Acoustics, Vacuum Technique

and Electronics in Physics Experiments ☐ GERMAN PHYS. SOC. ☐ Bochum, Germany (W. Pepperhoff, Mannesman Forschungsinstitut, Postfach, D-41 Duisburg-Wanheim, Germany) 2/70

23-25 • Dynamics of Nuclear Systems ☐ Tucson (D. L. Hetrick, Univ. of Arizona, Tucson, Ariz. 85716) 2/70

23-26 • Dielectric Properties of Heterogeneous Systems ☐ Aberystwyth, UK (A. H. Price, Edward Davies Chemical Laboratory, Aberystwyth, Cards. UK) 2/70

## APRIL 1970

6-11 • Nuclear Physics and High-Energy Physics ☐ NETHERLANDS PHYSICAL SOCIETY ☐ Utrecht, Netherlands (U. Schmitt-Rohr, MPI Für Kernphysik, Postfach 1248, D-69 Heidelberg, Germany) 2/70

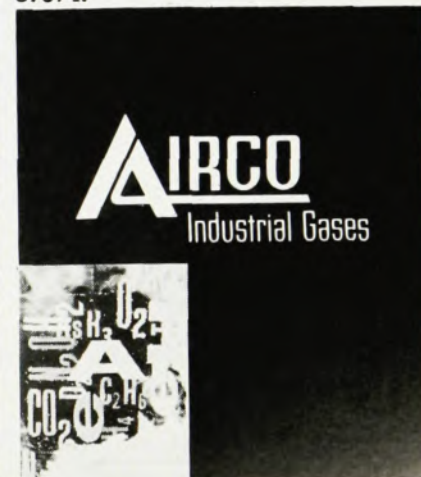
7, 8 • Disaster Hazards ☐ COMBUSTION INSTITUTE ☐ Houston (H. S. Nap-

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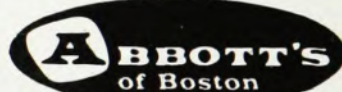
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adensky, ITT Research Institute, 10 West 35th St., Chicago, Ill. 60616) 2/70

- 7-10 • **Thermophysical Properties of Solids at High Temperatures** □ EPS □ Salford (A. D. Stuckes, Dept. of Pure and Applied Physics, Univ. of Salford, Salford M5 4WT, Lancs., UK) 2/70

- 13-16 • **Atomic and Molecular Physics** □ IPPS □ London (Meetings Officer, 47 Belgrave Sq., London, S.W. 1, UK) 2/70

Topics: Heavy-particle collisions and chemical processes; ultraviolet and x-ray spectroscopy; plasma and solar spectroscopy; electron collisions; far-infrared and submillimeter spectroscopy; magnetic resonance and hyperfine structure; isotope shifts; quantum optics.

- 14-17 • **Geoscience Electronics** □ IEEE □ Wash., D.C. (R. Bernstein, IBM Corp., 18100 Frederick Pike, Gaithersburg, Md. 20760) 2/70

- 19-22 • **Rare Earth Research** □ 8TH RARE EARTH CONFERENCE COMM. □ Reno, Nev. (T. A. Henrie, US Bureau of Mines, Reno, Nev. 89505) 2/70

Topics: Solid-state reactions, chemistry, physics, metallurgy, geology and industrial processes.

- 20-22 • **Reactor Analysis** □ DEUTSCHES ATOMFORUM □ Berlin (Ording, Deutsches Atomforum, Allianzplatz, Haus X 53 Bonn, Germany) 2/70

Topics: Development and technology of reactor elements and components; experience with construction and operation of nuclear power stations; fuel cycle; reactor concepts and problems of economics.

- 25 • **AAPT** □ Ames, Iowa (R. C. Morrison, Iowa State Univ., Ames, Iowa) 2/70

## MAY 1970

- 3-6 • **Static Electricity** □ EUROPEAN FEDERATION OF CHEMICAL ENGINEERING □ Vienna (W. F. De Geest, EFCE Lijsenstraat 24, Buchem-Antwerp, Belgium) 2/70

- 4-6 • **Laser Fundamentals and Communications** □ Houston, Texas (F. Tittel, Electrical Engineering Dept., Rice Univ., Houston, Tex. 77001) 2/70

Topics: Laser theory; ultrashort light pulses; nonlinear optical devices; optical modulation and detection; laser-beam deflection techniques; optical transmission; laser optical radar; optical space communications.

- 8, 9 • **Geophysics of the Earth and Moon** □ APS □ Schenectady, N.Y. (M. D. Fiske, GE Research and Development Center, P.O. Box 8, Schenectady, N.Y. 12301) 2/70

## JUNE 1970

- 1-5 • **Nondestructive Testing** □ Hanover, Germany (Secretariat Der 6 ICNT (d) Postfach 1424, 3 Hanover, Germany) 2/70

- 2, 3 • **Silicon Device Processing** □ NBS —AMERICAN SOCIETY FOR TESTING AND MATERIALS □ Gaithersburg,

Md. (C. P. Marsden, B-320 Instr., NBS, Wash., D.C. 20234) 2/70

- 10-12 • **Thermal Expansion of Solids** □ UNIV. ILLINOIS—SANDIA LABS □ Santa Fe, N. Mex. (R. O. Simmons, Physics Dept., Univ. of Ill., Urbana, Ill. 61803) 2/70

- 14-19 • **Mass Spectroscopy** □ AMERICAN SOCIETY FOR MASS SPECTROSCOPY—AMERICAN SOCIETY FOR TESTING AND MATERIALS □ San Francisco, Calif. (J. M. McCrea, ASMS; US Steel Corp., Monroeville, Pa. 15146) 2/70

- 17-19 • **Cryogenic Engineering** □ NATIONAL RESEARCH COUNCIL □ Boulder, Colorado (R. A. Cliffe, National Academy of Sciences, 2101 Constitution Ave. NW, Wash., D.C. 20418) 2/70

- 25-5 • **High-Energy Physics** □ ORGANIZING COMM. □ Kiev, Ukrainian SSR (Ac. E. Tamm, Academy of Sciences, Leninskii pr. 14, Moscow, V-71 USSR) 2/70

- 29-1 • **Microscopy** □ MC CRONE RESEARCH INSTITUTE □ Chicago, Ill. (Inter Micro-70, McCrone Research Institute, 451 East 31 Street, Chicago, Ill. 60616) 2/70

## JULY 1970

- 2 • **Electrical Measurement of the Chemical Properties of Sea Water** □ Wash., D.C. (A. E. Wheeler, North American Rockwell Corp., Space Div., 12214 Lakewood Blvd, Downey, Calif. 90241) 2/70

- 6-10 • **Microwave Spectroscopy** □ IPPS □ Bangor, Wales (Meetings Officer, IPPS, 47 Belgrave Sq., London S.W. 1, UK) 2/70

- 21-23 • **Nuclear and Space Radiation Effects** □ IEEE—UNIV. OF CALIF. □ San Diego, Calif. (R. A. Poll, Systems, Science and Software, P. O. Box 1620, La Jolla, Calif. 92037) 2/70

Topics: Theoretical and experimental studies of nuclear and space radiation on materials, components, circuits and electronic systems.

## AUGUST 1970

- 3-7 • **Precision Measurement and Fundamental Constants** □ IUPAP □ Gaithersburg, Md. (Room A363, Bldg. 221, NBS, Wash., D.C. 20234) 2/70

- 24-28 • **Liquid Crystals** □ FRITZ-HARBOR-INSTITUT, MAX PLANCK GESELLSCHAFT □ Berlin, Germany (G. H. Brown, Kent State Univ., Kent, Ohio 44240) [5/70] 2/70

- 27-29 • **Transport Properties of Solids** □ AUSTRALIAN INSTITUTE OF PHYSICS, IUPAP □ Sydney, Australia (G. K. White, CSIRO Div. of Physics, Chippendale, NSW 2008, Australia) 2/70

Topics: Electrical and thermal resistivity of 'normal' and transition metals; interactions between electrons and phonons; many-body effects;

This is a partial calendar. See note at opening.

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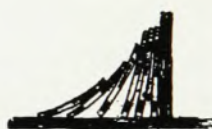
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## SEPTEMBER 1970

- 1-3 • **Nuclear Power in 1970** □ ANS □ Williamsburg, Va. (W. Thomas, Virginia Elec. & Power Richmond, Va. 23219) 2/70
- 1-6 • **Magnetic Resonances and Related Phenomena** □ COLLOQUE AMPERE □ Bucharest, Rumania (I. Ursu, Institute of Atomic Physics, BP 35, Bucharest, Rumania) 2/70
- 6-15 • **4th International Conference on the Peaceful Uses of Atomic Energy** □ UNITED NATIONS □ Geneva (United Nations, Palais des Nations, Geneva, Switzerland) 2/70
- 8-12 • **Molecular Structure and Spectroscopy** □ Columbus, Ohio (K. N. Rao, Dept. of Physics, Ohio State Univ. 174 West 18th Ave., Columbus, O. 43210) 2/70
- 14-16 • **Photoelectron Spectroscopy** □ IPFS-CHEMICAL SOCIETY □ Oxford, UK (IPFS, 47 Belgrave Square, London, S.W. 1, UK) 2/70
- 14-27 • **INTERNATIONAL ASSOCIATION OF THE PHYSICAL SCIENCES OF THE OCEAN** □ Tokyo, Japan (A. E. Maxwell, Woods Hole Oceanographic Institution, Woods Hole, Mass. 02543) 2/70
- 18, 19 • **Solid State Physics** □ Bucharest, Rumania (Institutul de Fizica Atomica, Magurele, Bucharest, Rumania) 2/70
- 21-23 • **Temperature Measurement** □ IPFS □ Coventry, UK (Meetings Officer, 47 Belgrave Square, London SW1 UK) 2/70
- 22-29 • □ IAEA □ Vienna (11 Karntner Ring, Vienna 1, Austria) 2/70

## OCTOBER 1970

- 5-9 • **Plutonium Conference** □ Santa Fe, New Mexico (F. W. Schonfeld, Los Alamos Scientific Laboratory, P.O. Box 1663, Los Alamos, New Mexico 87544) 2/70

Topics: Physical properties; electronic structure; mechanical properties; radiation effects; thermodynamics and phase relationships; transformations and kinetics.

- 19-24 • **Material Testing** □ Budapest (Scientific Society of Mechanical Engineers, Szabadsag Ter 17, Budapest V, Hungary) 2/70

## NOVEMBER 1970

- 30-5 • □ RADIOLOGICAL SOCIETY OF NORTH AMERICA □ Chicago, Ill. (Sec.-Treas. Radiological Society

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## 4-10 APRIL

- Nuclear Magnetic Resonance** □ Gainesville (W. S. Brey, Jr., Chemistry Dept., Univ. of Florida, Gainesville, Fla. 32601)

Topics: Quantum mechanical and mathematical basis for nmr; nuclear Overhauser effects; rate processes; nuclear relaxation and molecular conformation; spectroscopy of nuclei other than hydrogen; relaxation measurements; spin-spin coupling constants; nmr spectroscopy of free radicals; computer methods of spectral interpretation; applications of nmr to inorganic systems; relaxation measurements as probes of molecular interactions.

## 22 JUNE-3 JULY

- Interaction of Energetic Charged Particles with Solids** □ NATO ADVANCED STUDY INSTITUTE □ Ankara, Turkey (A. N. Goland, Brookhaven National Laboratory, Building 510 B, Upton, N.Y. 11973)

Topics: Stopping power and range-energy relations; channeling; electron-plasmon interactions; solid-state detectors, interatomic potentials and radiation damage.

## 26 JULY-29 AUGUST

- Quantum Chemistry, Solid-State Physics and Quantum Biology** □ U. OF UPPSALA, U. OF FLORIDA □ 26 July-9 Aug. Uppsala, Sweden; 10-29 Aug., Beitostolen, Norway (Director, Summer Institute, Quantum Chemistry Group, Box 518, s-751 20 Uppsala 1, Sweden)

## NOVEMBER 1970

of North America, 5145 O Street, Lincoln, Neb. 68510) 2/70

## DECEMBER 1970

- 6-11 • □ AIR POLLUTION CONTROL ASSOCIATION □ Wash., D.C. (A. Arch, APCA, 4400 Fifth Avenue, Pittsburgh, Pa. 15213) 2/70

## APRIL 1971

- 18-23 • **Geoscience Electronics** □ IEEE □ Wash., D.C. (Geoscience Electronics Group, IEEE, 345 East 47 St., N.Y., N.Y. 10017) 2/70

## MAY 1971

- 9-13 • □ RADIATION RESEARCH SOCIETY □ Boston (R. J. Burk, Jr, American University, Wash., D.C. 20016) 2/70

## JULY 1971

- 5-7 • **Rare Earths and Actinides** □ IPFS □ Durham, UK (Solid-State Physics Subcommittee, IPFS, 47 Belgrave Square, London, S.W. 1, UK) 2/70

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