

Quantum chemistry

Sweden's University of Uppsala and the University of Florida will jointly sponsor a winter institute in quantum chemistry, solid-state physics and quantum biology at the University of Florida and Sanibel Island, Fla., from 5 Dec. to 21 Jan. The institute will be devoted mainly to the application of quantum theory to the electronic structure of molecules. The final week will consist of a symposium on atomic, molecular and solid-state physics to be held in honor of John C. Slater, professor of physics at the University of Florida.

For further information write to Per-Olov Löwdin, Quantum Theory Project, Nuclear Sciences Building, University of Florida, Gainesville, Fla. 32601.

Optical Spectra

The Office of Naval Research will sponsor a symposium from 12 to 14 Sept. at Johns Hopkins University on the optical properties of transition-metal and rare-earth ions in solids. Fundamental processes associated with optical spectra will be emphasized, and the topics covered will include energy levels, transition probabilities, lattice vibrations, energy-transfer processes, external perturbations, magnetic and exchange interactions, and excited-state spectroscopy.

For further information write to H. W. Moos, Department of Physics, Johns Hopkins University, Baltimore, Md. 21218.

Gaseous electronics

Georgia Institute of Technology and the Georgia Power Company will assist in organizing the 19th gaseous electronics conference. Accepted as an American Physical Society topical conference, the meeting will be held from 12 to 14 Oct. at Georgia Tech. As usual, the conference will consider

basic phenomena and processes of ionized gases. Papers on engineering applications or specific devices are excluded. Abstracts (deadline 26 Aug.) should conform to the regulations listed in every issue of the *Bulletin* of The American Physical Society.

All correspondence should be sent to J. W. Hooper, Department of Electrical Engineering, Georgia Institute of Technology, Atlanta, Ga.

Liquid scintillators

Physical and chemical techniques in the use of liquid scintillation counters will be the topic of a conference to be held by The Institute of Physics and The Physical Society at the National Physical Laboratory, Teddington, Middlesex, England, on 18 and 19 Oct. Invited introductory papers on scintillation processes, apparatus and applications are being arranged. About 18 shorter contributions on quenching and quench corrections, principles and techniques of sample preparation, supplementary methods and applications (particularly large-volume scintillators and nuclear-physics applications) will be read.

Additional information and registration forms can be obtained from the Meetings Officer, The Institute of Physics and The Physical Society, 47 Belgrave Square, London SW 1, England.

Quantum optics

The theoretical physics division of the Canadian Association of Physicists is planning an international summer school on quantum optics at the University of British Columbia from 22 Aug. to 2 Sept. On the program will be W. E. Lamb Jr and M. O. Scully (theory of lasers), N. Bloembergen (nonlinear optics), Melvin Lax and W. H. Louisell (quantum noise with maser applications) and Leonard Mandel (statistical properties of light). Substantial financial

support will be available for accepted participants.

Inquiries should be sent to R. R. Haering, Physics Department, Simon Fraser University, Burnaby 2, B.C., Canada.

Fluid dynamics

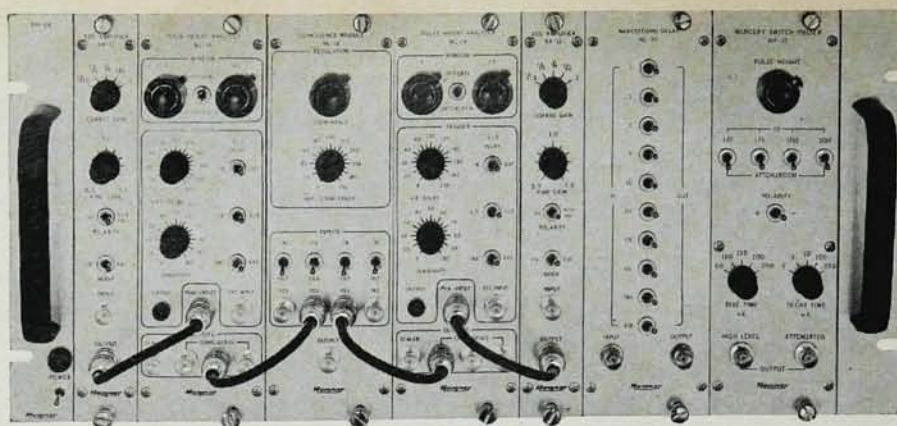
The International Academy of Astronautics is planning an international symposium on the fluid dynamics of continuous heterogeneous media including several phases. The symposium will take place at the Institute of Aerodynamics in Naples during the week preceding the 17th congress of the International Federation of Astronautics, which meets in Madrid from 9 to 15 Oct. Problems of outflow with two phases (solids and gases or liquids and gases), non-conventional and advanced mixing, and outflow with chemical reactions will be discussed. Participation is by invitation.

Additional information can be obtained from L. G. Napolitano, Institute of Aerodynamics, University of Naples, Viale C. Augusto, Naples, Italy.

Spectroscopy

An international conference on spectroscopy will meet from 9 to 18 Jan. 1967 in Bombay. Sponsored by the Indian Department of Atomic Energy, the International Astronomical Union, the International Union of Pure and Applied Chemistry and the International Union of Pure and Applied Physics, the meeting will cover spectral regions ranging from radio and microwaves to infrared, as well as Raman and optical spectroscopy, including the vacuum ultraviolet. Abstracts of 200 words accompanied by a minimum presentation-time estimate are due by 1 Sept. 1966.

All correspondence should be addressed to the Secretary, Organizing Committee, International Conference



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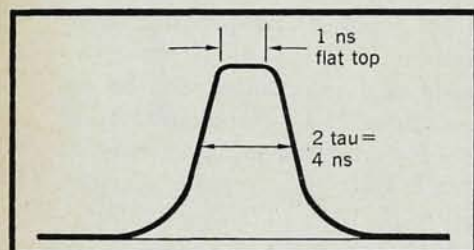
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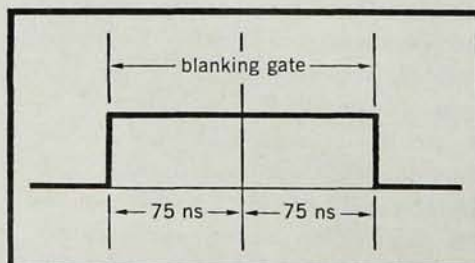


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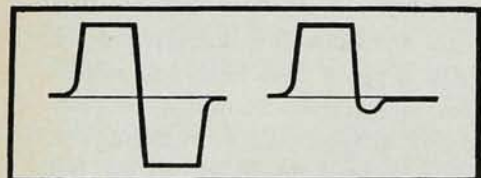
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The double delay line clipped pulses produced in the Hamner system may be timed from either their leading edges or their zero crossover points. This permits optimization of system operation based on the characteristics of the detector. For example, with plastic scintillators or other fast-rise detectors, cross-

on Spectroscopy, Spectroscopy Division, Atomic Energy Establishment Trombay, 414 A, Cadell Road, Bombay 28, India.

Polarized targets

An international conference on polarized targets and ion sources will be held from 5 to 8 Dec. at the Center for Nuclear Studies at Saclay, France. The meeting will cover both high- and low-energy nuclear physics, including new methods of polarization, new materials to be polarized, measurement of polarization, future uses of polarized targets and a survey of polarized-ion sources. Admission to the conference is by invitation.

Correspondence should be addressed to A. Abragam, Direction de la Physique, Centre d'Etudes Nucléaires de Saclay, BP 2, Gif-sur-Yvette (Essone), France.

Atmosphere

Circulation in the upper stratosphere and mesosphere (25 to 80 km in altitude) will be the major topic of an American Meteorological Society meeting to be held from 8 to 10 Nov. at Texas Western College in El Paso. The meeting, which will cover the dynamic structure of the free atmosphere, will also consider papers on eddy and molecular diffusion in the upper atmosphere and the physical characteristics of internal wave motions and their propagation throughout the atmosphere.

Titles and abstracts should be sent by 1 Aug. to AMS Program Committee, PO Box 4003, Sunrise Station, El Paso, Tex.

Solar-terrestrial physics

The International Scientific Radio Union, the International Union of Geodesy and Geophysics, the International Astronomical Union and the Committee on Space Research are organizing a symposium on solar-terrestrial physics. Open to all interested scientists, the meeting will be held from 29 Aug. to 2 Sept. in Belgrade. Major topics will be solar particle emissions and interplanetary magnetic fields, the interactions of solar plasma

with the geomagnetic field, energetic charged particles in the magnetosphere and the temperature of neutral and charged particles in the ionosphere and magnetosphere.

Registration and other information can be obtained from D. Bajic, URSI Belgrade Symposium Committee, PO Box 356, Belgrade, Yugoslavia.

Radionuclides

The International Atomic Energy Agency has announced that it will hold a symposium on the standardization of radionuclides from 10 to 14 Oct. in Vienna. A provisional program for the meeting lists absolute calibration methods (one-counting-channel, coincidence, corrections, presentation of results and calculation of errors), relative calibration methods (ionization chambers, counting methods, high-activity solid sources), associated techniques (source preparation, mass determination, carrier films, carrier contents and standard-solution stability, sample-purity control), and miscellaneous matters (maintenance and continuity of standards, characterization of standard sources, main factors limiting the accuracy of standards).

The official United States channel for participation in the symposium is the Atomic Energy Commission, and inquiries regarding attendance or the submission of papers should be sent to John H. Kane, Chief, Conferences Branch, Division of Technical Information, Atomic Energy Commission, Washington, D.C. 20545.

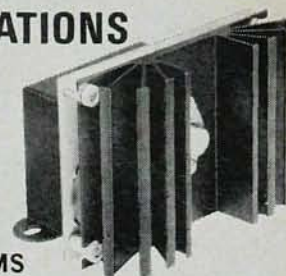
Current Listings

- new announcement
- ♦ change from previous listing

August 1966

- 1-3 • Electron-Spin Resonance (Michigan State U.) spons'd by American Chemical Soc. Physical Chemistry Div.: *M. T. Rogers, Chemistry Dept., College of Natural Sciences, Michigan State U., East Lansing, Mich.*
- 7-20 Optical Properties of Solids (Freiburg, W. Germany), NATO Advanced Study Inst.: *S. Nudelman, U. of Rhode Island, Kingston, R.I.*

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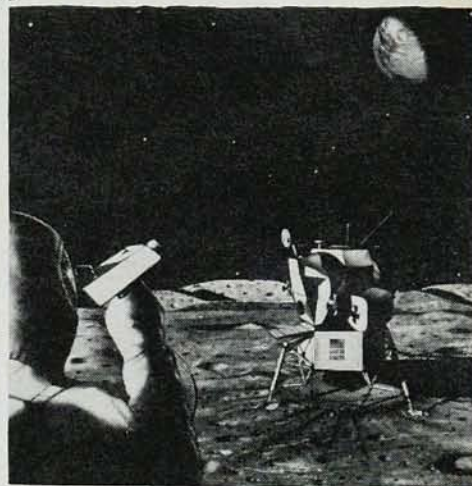
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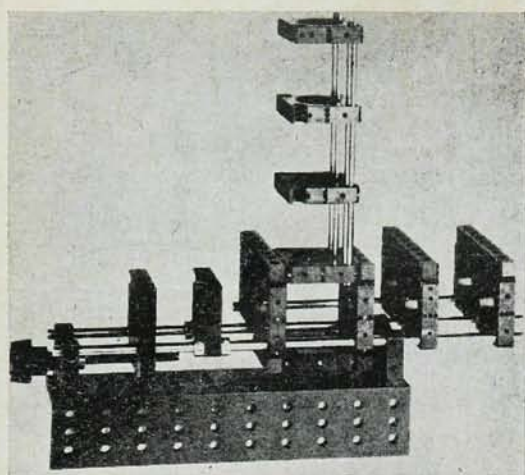
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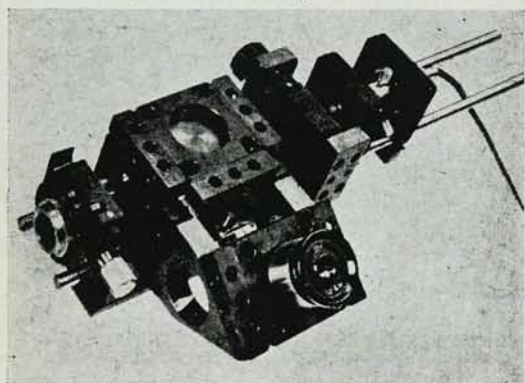
- 14-19 Combustion (U. of California, Berkeley) spons'd by Combustion Inst. W. States Section: *Secretary, CIWSS, 16902 Bollinger Dr., Pacific Palisades, Calif.*
- 15-26 Aurora and Airglow (U. of Keele, England), NATO Advanced Study Inst.: *B. M. McCormac, Director, 10 W. 35th St., Chicago, Ill. (See June PT, p. 123)*
- 21-25 Electron Microscopy Society of America (San Francisco): *G. Thomas, Dept. of Mineral Technology, U. of California, Berkeley 4, Calif.*
- 22-26 Nordic Solid-State Conference (Työlösands Havsbad, Sweden) spons'd by Swedish Research Councils: *Elizabeth Törnsten, Physics Dept., Chalmers U., Göteborg S, Sweden*
- 22-2 • Quantum Optics (U. of British Columbia) spons'd by Canadian Assoc. of Physicists: *R. R. Haering, Physics Dept., Simon Fraser U., Burnaby 2, B.C., Canada*
- 23-30 Luminescence (Budapest) spons'd by Internat'l Union of Pure and Applied Physics, Hungarian Academy of Sciences: *G. Szigeti, Research Inst. for Technical Physics, Hungarian Academy of Sciences, Budapest, POB: Újpest 1, No. 76, Hungary (See Oct. PT, p. 127)*
- 26-29 Calorimetry below 20°K (Helsinki), spons'd by Internat'l Union of Pure and Applied Physics, Finnish Physical Soc., Finnish Inst. of Technology: *O. V. Lounasmaa, Dept. of Technical Physics, Inst. of Technology, Otaniemi (Helsinki), Finland*
- 29-31 American Physical Society (Mexico City): *K. K. Darrow, The American Physical Society, 538 W. 120th St., New York 27, N.Y.*
- 29-31 Physical Chemistry of Solids (U. of Montreal) spons'd by Physical Chemistry Section of Chemical Inst. of Canada: *W. C. Cooper, Noranda Research Centre, 240 Hyumus Blvd., Pointe Claire, Quebec, Canada*
- 29-31 Preparation and Properties of Electronic Materials for the Control of Radiative Processes (Boston): *E. P. Warekois, Lincoln Lab, MIT, Lexington, Mass. (See April PT, p. 134)*
- 29-2 Solar-Terrestrial Physics (Belgrade) spons'd by Internat'l Scientific Radio Union: *D. Bajic, URSI Belgrade Symp. Committee, PO Box 356, Belgrade, Yugoslavia*
- 31-6 Low Temperature Physics (Moscow) spons'd by Internat'l Union of Pure and Applied Physics: *P. L. Kapitza, Inst. for Physical Problems, Academy of Sciences, Moscow, USSR*
- 31-7 • High-Energy Physics (Berkeley), by invitation, spons'd by Atomic Energy Commission, Internat'l Union of Pure and Applied Physics: *T. H. Chenoweth, Lawrence Radiation Lab, U. of California, Berkeley, Calif.*
- 5-9 International Organization for Pure and Applied Biophysics (Vienna): *E. Weidenhaus, Viennese Medical Academy, Alserstr. 4, Vienna 9, Austria (See Sept. PT, p. 119)*
- 5-10 Magnetic Resonance and Relaxation (Ljubljana), 14th Colloque AMPERE, spons'd by Yugoslav Federal Council for Coordination of Research, Nuclear Energy Commission, Groupement AMPERE: *Secretary, 14th Colloque AMPERE, Nuclear Institute "Jozef Stefan," Ljubljana, Yugoslavia (See Oct. PT, p. 127)*
- 5-10 Betatrons (Prague) spons'd by Inst. of Plasma Physics, Czech Academy of Sciences: *Inst. of Plasma Physics, Czech Academy of Sciences, Nademlinská 600, Prague 9, Czechoslovakia*
- 5-10 International Radiation Protection Association (Rome): *C. Polvani, IRPA, Casella Postale 2359, Rome, Italy (See Jan. PT, p. 158)*
- 5-23 Nonlinear Effects in Plasmas (U. of Paris), NATO Advanced Research Program: *G. Kalman, Joint Inst. for Laboratory Astrophysics, U. of Colorado, Boulder, Colo. (See June PT, p. 123)*
- 6-10 Molecular Structure and Spectroscopy (Ohio State U.): *K. Narahari Rao, Molecular Spectroscopy Symp., Physics Dept., Ohio State U., 174 W. 18th Ave., Columbus, Ohio (See Mar. PT, p. 116)*
- 7-9 • American Geophysical Union (U. of California, Los Angeles): *Conf. Coordinator, 310 De Neve Circle, U. of California, Los Angeles, Calif.*
- 8-13 Physics of Semiconductors (Tokyo) spons'd by Physical Soc. of Japan, Internat'l Union of Pure and Applied Physics: *G. M. Hato-yama, PSJ, Hongo, PO Box 28, Tokyo, Japan*
- 9, 10 High Energy Physics Instrumentation (Stanford): *W. K. H. Panofsky, Stanford Linear Accelerator Center, Stanford U., Stanford, Calif.*
- 12-14 Applications of Generalized Functions to System Theory (State U. of New York, Stony Brook) spons'd by Soc. for Industrial and Applied Mathematics: abstracts deadline 11 July: *A. H. Zemanian, Dept. of Applied Analysis, State U. of New York, Stony Brook, N.Y. (See Feb. PT, p. 104)*
- 12-14 Physics of Free Atoms (Berkeley) spons'd by APS Div. of Electron and Atomic Physics: abstracts deadline 8 Aug.: *V. W. Cohen, Physics Dept., Brookhaven Nat'l Lab, Upton, Long Island, N.Y. (See May PT, p. 139)*
- 12-14 • Optical Properties of Transition-Metal and Rare-Earth Ions in Solids (Johns Hopkins U.) spons'd by Office of Naval Research: *H. W. Moos, Physics Dept., Johns Hopkins U., Baltimore, Md.*
- 12-16 Measurement of Nuclear Radiations (Berkeley, England) spons'd by Berkeley Nuclear Labs, Inst. of Physics and Physical Soc: *Meetings Officer, IPPS, 47 Belgrave Sq., London SW 1, England (See Mar. PT, p. 113)*
- 12-17 Nuclear Physics (Gatlinburg, Tenn.) spons'd by Oak Ridge Nat'l Lab, Atomic Energy Commission, Inter-

September 1966

- 5-7 Rare Earths (U. of Durham) spons'd by Inst. of Physics and Physical Soc.: *Meetings Officer, IPPS, 47 Belgrave Sq., London, SW 1, England (See Mar. PT, p. 114)*



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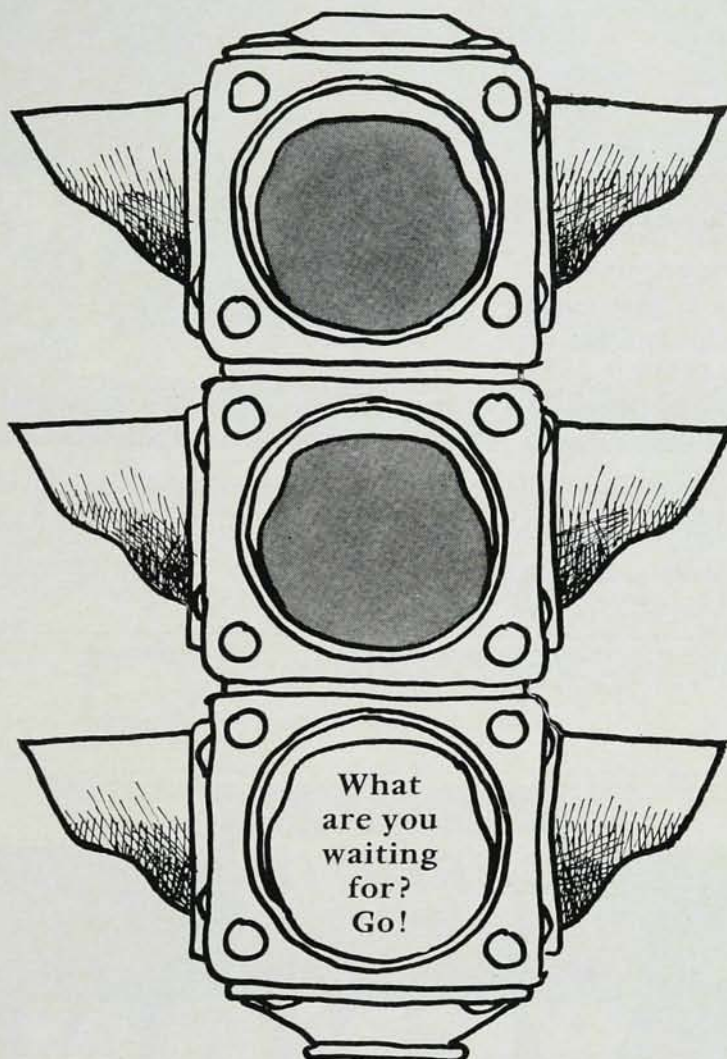
nat'l Union of Pure and Applied Physics: A. Zucker, *Internat'l Conf. on Nuclear Physics, ORNL, PO Box X, Oak Ridge, Tenn.* (See Feb. PT, p. 104)

- 19-21 Instrumental Optics and Optical Design (Chelsea College of Science and Technology) spons'd by Inst. of Physics and Physical Soc.: *Meetings Officer, IPPS, 47 Belgrave Sq., London SW 1, England*
- 19-23 Liquid Metals (Brookhaven Nat'l Lab) spons'd by Atomic Energy Commission, Internat'l Union of Pure and Applied Physics; send abstracts to A. Paskin, Metallurgy and Materials Science Div., BNL: J. R. Weeks, *Metallurgy and Materials Science Div., BNL, Upton, Long Island, N.Y.* (See Feb. PT, p. 104)
- 19-24 Boundary Layers and Turbulence, Including Geophysical Applications (Kyoto) spons'd by Internat'l Union of Geodesy and Geophysics, Internat'l Union of Theoretical and Applied Mechanics: I. Tani, *Inst. of Space and Aeronautical Sciences, U. of Tokyo, Komaba, Meguro-ku, Tokyo, Japan*
- 21-23 Nuclear and Particle Physics (U. of Glasgow) spons'd by Inst. of Physics and Physical Soc.: *Meetings Officer, IPPS, 47 Belgrave Sq., London SW 1, England* (See Mar. PT, p. 114)
- 21-23 Physics of Semiconducting Compounds (U. of Wales) spons'd by Inst. of Physics and Physical Soc.: *Meetings Officer, IPPS, 47 Belgrave Sq., London SW 1, England* (See Jan. PT, p. 160)
- 21-23 Origin and Distribution of the Elements (Paris) spons'd by Internat'l Association of Geochemistry and Cosmochemistry: E. Ingerson, *Geology Dept., U. of Texas, Austin, Tex.* (See May PT, p. 139)
- 27-29 Analytical Chemistry (Gatlinburg, Tenn.) spons'd by Oak Ridge Nat'l Lab; abstracts deadline 15 July: L. J. Brady, *ORNL, PO Box X, Oak Ridge, Tenn.*
- 28-30 Physical Basis of Yield and Fracture (U. of Oxford) spons'd by Inst. of Physics and Physical Soc.: *Meetings Officer, IPPS 47 Belgrave Sq., London SW 1, England*
- 28-30 Energy Beams and Their Uses (U. of York) spons'd by Inst. of Physics and Physical Society: *Meetings Officer, IPPS, 47 Belgrave Sq., London SW 1, England*

October 1966

- 1 Midwest Solid-State Conference (Iowa State U.): G. C. Danielson, *Physics Dept., Iowa State U., Ames, Iowa*
- 2-8 • Fluid Dynamics of Continuous Heterogeneous Media with Several Phases (Naples), by invitation, spons'd by Internat'l Academy of Astronautics: L. G. Napolitano *Inst. of Aerodynamics, U. of Naples, Viale C. Augusto, Naples, Italy*
- 3,4 Reactor Chemistry (Julich, West Germany) spons'd by Nuclear, Radio and Radiation Group of Ger-

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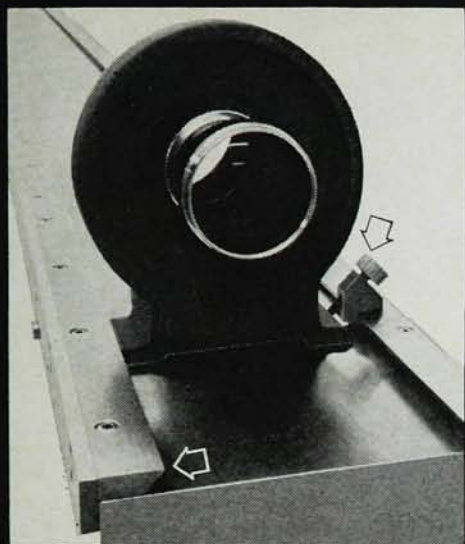
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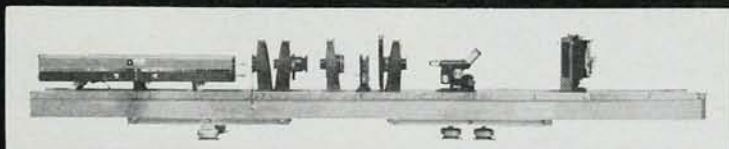
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man Chemical Soc.: *Gesellschaft Deutscher Chemiker*, 6 Frankfurt/Main, Postfach 9075, West Germany

- 3-5 Solar Astronomy (Boulder) spons'd by **American Astronomical Society**: J. W. Firor, *High Altitude Observatory*, Boulder, Colo. (See May PT, p. 141)
- 3-5 Electrical Insulation (Pocono Manor, Pa.) spons'd by Nat'l Academy of Sciences-Nat'l Research Council: D. W. Thornhill, *Conf. on Electrical Insulation, NAS*, 2101 Constitution Ave., NW, Washington, D.C.
- 3-7 Trace Characterization—Chemical and Physical (Gaithersburg, Md.) spons'd by Nat'l Bureau of Standards: R. C. Bates, *Inst. for Materials Research, NBS*, Washington, D.C. (See Mar. PT, p. 113)
- 4 Energy Transfer Processes in Crystals (U. of N. Carolina): R. C. Janargin, *Chemistry Dept.*, U. of N. Carolina, Chapel Hill, N.C. (See Mar. PT, p. 116)
- 7,8 Physics of New Materials (Rensselaer Polytechnic Inst.), **APS New York State Section Fall Meeting**: K. H. Moore, *Rowland Lab, RPI*, Troy, N.Y.
- 9-15 XVIIIth International Astronomical Congress (Madrid) spons'd by International Astronautical Federation: IAF, 250 rue Saint-Jacques, Paris 6, France (See Jan. PT, p. 160)
- 10-13 Fast Reactors (Argonne, Ill.) spons'd by Argonne Nat'l Lab, Atomic Energy Commission: W. C. Redman, *ANL*, Argonne, Ill. (See Mar. PT, p. 116)
- 10-14 Standardization of Radionuclides (Vienna) spons'd by Internat'l Atomic Energy Agency: J. H. Kane, *Chief, Conferences Branch, Div. of Technical Information, Atomic Energy Commission*, Washington, D.C.
- 12-14 Gaseous Electronics (Atlanta), **APS Topical Conf.**; abstracts deadline 26 Aug.: J. W. Hooper, *Electrical Engineering Dept.*, Georgia Inst. of Technology, Atlanta, Ga.
- 12-15 Ultrasonics (Cleveland) spons'd by Inst of Electrical and Electronics Engineers; abstracts deadline 1 Aug.: N. S. Shiren, *IBM Watson Research Center*, PO Box 218, Yorktown Heights, N.Y.
- 17-21 Nuclear Data—Microscopic Cross Sections and Other Data Basic for Reactors (Paris) spons'd by Internat'l Atomic Energy Agency: J. H. Kane, *Chief, Internat'l Confs. Branch, Div. of Technical Information, US Atomic Energy Agency*, Washington, D.C. (See Feb. PT, p. 104)
- 17-22 German Physical Society (Munich): K. H. Riewe, *Postfach 169, (Heraeus)*, 645 Hanau, Germany
- 18, 19 Liquid Scintillation Counting (National Physical Lab, England) spons'd by Inst. of Physics and Physical Soc.: *Meetings Officer, IPPS*, 47 Belgrave Sq., London, SW 1, England
- 19-21 Nuclear Science (Boston) spons'd by Inst. of Electrical and Elec-



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tronics Engineers' Nuclear Science Group: L. Costrell, NBS, Washington, D.C.

- 19-21 **Optical Society of America** (San Francisco): Mary E. Warga, 1155 16th St., NW, Washington, D.C. (See June PT, p. 123)
- 26-28 **American Vacuum Society** (San Francisco): E. E. Donaldson, Physics Dept., Washington State U., Pullman, Wash.
- 31 • **Defects in Semiconductors** (Chicago) spons'd by American Inst. of Mechanical Engrs.: I. Cadoff, Metallurgy and Materials Sciences Dept., New York U., New York, N.Y.
- 31-2 **Society of Engineering Science** (North Carolina State U.): abstracts deadline 1 Aug.: A. C. Eringen, School of Aeronautics, Astronautics, and Engineering Science, Purdue U., Lafayette, Ind.

November 1966

- 2-5 **APS Division of Plasma Physics** (Boston): abstracts deadline 30 Sept.: D. J. Rose, Rm. 24-207, Massachusetts Inst. of Technology, Cambridge, Mass.
- 2-5 **Acoustical Society of America** (Statler Hilton, Los Angeles): abstracts deadline 3 Aug.: I. Rudnick, U. of California, Los Angeles, Calif.
- 8-10 **Dynamic Structure of the Free Atmosphere** (El Paso) spons'd by American Meteorological Soc.: abstracts deadline 1 Aug.: AMS Program Committee, PO Box 4003, Sunrise Station, El Paso, Tex.
- 9-11 • **Pittsburgh Diffraction Conference** (Mellon Inst.): abstracts deadline 12 Sept.: P. R. Swann, US Steel Corp., Fundamental Research Lab, Monroeville, Pa.
- 14 **Organic Solid State** (Franklin Inst. Research Labs): M. M. Labes FIRC, Philadelphia, Pa. (See May PT, p. 139)
- 14-16 **Belfer Science Conference** (New York City): A. Gelbart, Dean, Belfer Graduate School of Science, Yeshiva U., Amsterdam Ave. & 186th St., New York 33, N.Y.
- 15-17 **Physics of Failure in Electronics** (Battelle Memorial Inst.) spons'd by BMI Columbus Labs, Rome Air Development Center: T. S. Shilliday, Columbus Labs, BMI, 505 King Ave., Columbus, Ohio (See April PT, p. 134)
- 15-18 **Magnetism and Magnetic Materials** (Sheraton Park Hotel, Washington, D.C.) spons'd by **American Inst. of Physics**, Inst. of Electrical and Electronics Engineers: V. J. Folen, Code 6452, US Naval Research Lab, Washington, D.C. (See April PT, p. 134)
- 16-18 **Characterization of Materials** (Pennsylvania State U.): R. Roy, Materials Research Lab, Pennsylvania State U., University Park, Pa. (See April PT, p. 134)
- 17-18 **Small-Angle Scattering of Electrons and X Rays** (London) spons'd by Inst. of Physics and Physical Soc.: send abstracts by 29 July to H. E. Henn, Molecular Science

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D-10-20	1"	20"	
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December 1966

- 1-3 **American Physical Society** (Nashville); abstracts deadline 26 Sept.: *R. G. Sachs, PO Box 344, Argonne, Ill.*
- 5 • (through 21 Jan.) **Quantum Chemistry, Solid-State Physics and Quantum Biology** (U. of Florida) spons'd by U. of Florida, Swedish U. of Uppsala: *P.-O. Löwdin, Quantum Theory Project, Nuclear Sciences Bldg., U. of Florida, Gainesville, Fla.*
- 5-8 • **Polarized Targets and Ion Sources** (Saclay), by invitation: *A. Abragam, Direction de la Physique, Centre d'Etudes Nucléaires de Saclay, PB 2, Gif-sur-Yvette (Essone), France*
- 7-9 **URSI-IEEE Fall Meeting** (Palo Alto) spons'd by Internat'l Scientific Radio Union, Institute of Electrical and Electronics Engineers: *J. Hannaum, Nat'l Academy of Sciences, 2101 Constitution Ave., Washington, D.C.*
- 14-16 **Gas-Surface Interactions** (San Diego) spons'd by Air Force Office of Scientific Research, General Atomic: *H. Saltsburg, General Dynamics/General Atomic, PO Box 608, San Diego, Calif. (See Mar. PT, p. 116)*
- 26-31 **American Association for the Advancement of Science** (Washington, D.C.): *R. L. Taylor, AAAS, 1515 Massachusetts Ave., NW, Washington, D.C.*
- 28-30 **American Physical Society** (Stanford); abstracts deadline 21 Oct.: *W. Whaling, California Inst. of Technology, 1201 E. California St., Pasadena, Calif.*

January 1967

- 4-7 **Solid-State Physics** (U. of Manchester) spons'd by Inst. of Physics and Physical Soc.; send abstracts by 28 Oct. to *S. F. Edwards, Physics Dept., The University, Manchester 13; Meetings Officer, IPPS, 47 Belgrave Sq., London SW 1, England*
- 9-18 • **Spectroscopy** (Bombay) spons'd by Indian Dept. of Atomic Energy, Internat'l Astronomical Union, Internat'l Union of Pure and Applied Physics, Internat'l Union of Pure and Applied Chemistry; abstracts deadline 1 Sept.: *Secretary, Internat'l Conference on Spectroscopy, Atomic Energy Establishment Trombay, 414A Cadell Rd., Bombay, India*
- 30-2 **American Physical Society** (New York City): *K. K. Darrow, The American Physical Soc., 538 W. 120th St., New York 27, N.Y.*
- 30-2 **American Association of Physics Teachers** (New York City): *A. B. Arons, Physics Dept., Amherst College, Amherst, Mass.*

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- 23-25 **American Physical Society** (Austin, Tex.): *W. Whaling, California Inst. of Technology, 1201 E. California St., Pasadena, Calif.*

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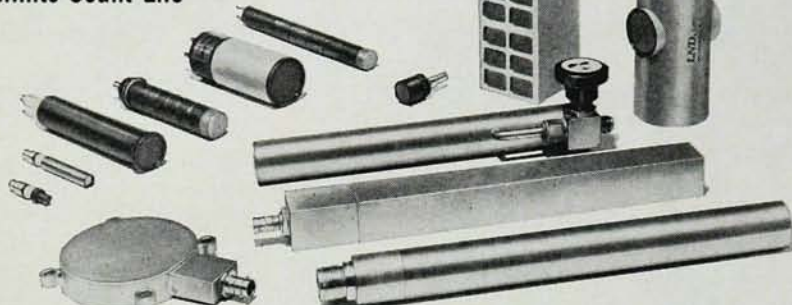
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March 1967

- 27-30 **American Physical Society** (Chicago): R. G. Sachs, PO Box 344, Argonne, Ill.

April 1967

- 19-22 **Acoustical Society of America** (New York City): J. Zwilocki, Special Education Bldg., Syracuse U., 805 S. Crouse Ave., Syracuse 10, N.Y.
- 24-27 **American Physical Society** (Washington, D.C.): K. K. Darrow, The American Physical Society, 538 W. 120th St., New York 27, N.Y.

June 1967

- 13-16 **Conjugate-Point Phenomena** (Boulder) spons'd by Nat'l Center for Atmospheric Research, Environmental Science Services Administration: Aeronomy Laboratory, (540.03) ESSA-ITSA, Boulder, Colo. (See Mar. PT, p. 113)
- 19-23 **Colloquium Spectroscopicum Internationale** (Carleton U., Ottawa) spons'd by Canadian Assoc. for Applied Spectroscopy; abstracts deadline 1 Oct.: Secretary, XIII Colloquium Spectroscopicum Internationale, Nat'l Research Council, Ottawa 7, Canada
- 21-23 **American Physical Society** (Toronto): K. K. Darrow, The American Physical Society, 538 W. 120th St., New York 27, N.Y.

July 1967

- 4 • (through 25 Aug.) **Many-Body Physics** (Les Houches, France): C. DeWitt, Physics Dept., U. of North Carolina, Chapel Hill, N.C.

August 1967

- 31-2 **American Physical Society** (Seattle): W. Whaling, California Inst. of Technology, 1201 E. California St., Pasadena, Calif.

September 1967

- 11-15 • **High-Energy Accelerators** (Cambridge), by invitation, spons'd by Cambridge Electron Accelerator: W. A. Shurcliff, CEA, Harvard U., 42 Oxford St., Cambridge 38, Mass.

October 1967

- 11-13 **Optical Society of America** (Detroit): Mary E. Warga, 1155 16th St., NW, Washington 6, D.C.

November 1967

- 8-11 **Acoustical Society of America** (Miami): J. C. Steinberg, Marine Lab, 1 Rickenbacker Causeway, Virginia Key, Miami 49, Fla.
- 16-18 **American Physical Society** (New York City): K. K. Darrow, The American Physical Society, 538 W. 120th St., New York 27, N.Y.

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- 18-20 **American Physical Society** (Pasadena): W. Whaling, California Inst. of Technology, 1201 E. California St., Pasadena, Calif.