

CALENDAR

Meeting announcements intended for inclusion in the calendar should be submitted at least eight weeks before meetings are to take place. Send notices to *Physics Today*, 335 East 45th Street, New York 17, N.Y.

• new announcement

♦ change from previous listing

June 1965

- 10-12 Canadian Association of Physicists (Vancouver): *G. M. Volkoff, Dept. of Physics, U. of British Columbia, Vancouver 8, B.C., Canada* (See Apr. PT, p. 107)
- 11-12 Resonant Particles (Ohio U.): *B. A. Munir, Dept. of Physics, Ohio U., Athens, Ohio* (See Apr. PT, p. 107)
- 14 (through September 3) Gordon Research Conferences (New Hampshire): *W. G. Parks, U. of Rhode Island, Kingston, R.I.*
- 14-17 Health Physics Society (Los Angeles): *W. L. Fisher, Health and Safety Lab, Atomic International, 8900 DeSoto Ave., Canoga Park, Calif.*
- 14-18 Molecular Structure and Spectroscopy (Ohio State U.): *K. Narahari Rao, Dept. of Physics, Ohio State U., 174 W. 18th Ave., Columbus, Ohio* (See Feb. PT, p. 91)
- 17-19 American Association of Physics Teachers (U. of Tennessee): *Melba Phillips, Ryerson Physical Lab, U. of Chicago, Chicago 37, Ill.*
- 21 (through July 30) Particle Symmetries and Field Theory (Waltham, Mass.), Brandeis Summer Institute in Theoretical Physics: *Mrs. N. Goldstein, Physics Summer Institute, Brandeis U., Waltham, Mass.*
- 22-24 Polymer Science (Ottawa) spon's'd by Canadian Nat'l Research Council, Chemical Inst: *D. M. Wiles, Applied Chemistry Div., Nat'l Research Council, Ottawa, Ont., Canada* (See Mar. PT, p. 117)
- Physics of X-Ray Spectra (Cornell U.): *H. W. Schnopper, Lab of Atomic and Solid State Physics, Rockefeller Hall, Cornell U., Ithaca, N. Y.* (See May PT, p. 118)
- 23-25 American Physical Society (New York City): *K. K. Darrow, The American Physical Soc., Columbia U., 538 West 120th St., New York 27, N.Y.*
- Electronic and Atomic Processes at the Vacuum-Solid Interface (New York City) spon's'd by APS Division of Electron Physics: *F. G. Allen, Bell Telephone Labs, Murray Hill, N. J.*
- 24-26 Small-Angle X-Ray Scattering (Syracuse U.): *H. Brumberger, Dept. of Chemistry, Syracuse U., Syracuse, N.Y.*
- 27-2 American Crystallographic Association (Gatlinburg, Tenn.): *W. L. Kehl, Secretary, Gulf Research and Development Co., PO Box 2038, Pittsburgh, Pa.*
- 28-30 Physics of Quantum Electronics (San Juan, P.R.) spon's'd by Office of Naval Research: *P. L. Kelley, Secretary, Physics of Quantum Electronics Conf., MIT Lincoln Lab, Lexington, Mass.* (See Jan. PT, p. 160)

- 28-30 Electromagnetic Scattering (U. of Massachusetts) spon's'd by Air Force Cambridge Research Labs: *R. L. Rowell, Dept. of Chemistry, U. of Massachusetts, Amherst, Mass.* (See Mar. PT, p. 115)
- 28-2 Vacuum (Stuttgart) spon's'd by Internat'l Union for Vacuum Science Techniques, and Applications: *H. Adam, Scientific Committee, Internat'l Vacuum Congress, Postfach 195, Köln-Bayenthal, Germany* (See Apr. PT, p. 108)

July 1965

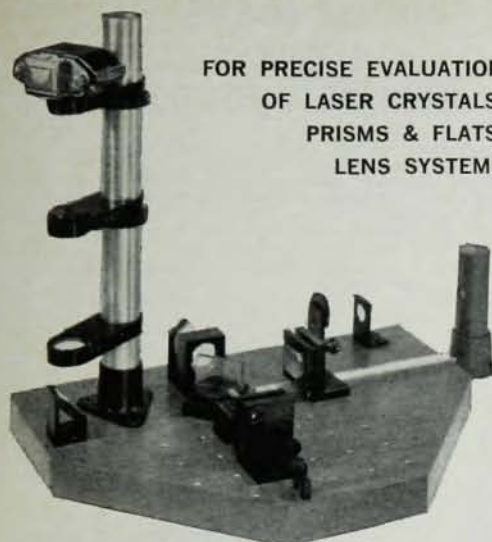
- 1 (through Aug. 25) High-Energy Physics (Les Houches, France), U. of Grenoble Summer School for Theoretical Physics: *Cécile DeWitt, Physics Dept., U. of N. Carolina, Chapel Hill, N.C.*
- 1-10 General Relativity and Gravitation (London) spon's'd by Internat'l Union of Pure and Applied Physics: *H. Bondi, Mathematics Dept., Kings' College, London WC 2, England*
- 7-9 Molecular Relaxation Processes (Aberystwyth, Wales): *General Secretary, The Chemical Soc., Burlington House, London W 1, England* (See Jan. PT, p. 160)
- 12-17 Spectroscopy (U. of Exeter) spon's'd by British Spectroscopists Coordinating Committee, Inst. of Physics and Physical Soc: *C. E. Arregger, 1 Lowther Gardens, Prince Consort Rd., London SW 7, England* (See May '64 PT, p. 115)
- 12-18 Pure and Applied Chemistry (Moscow) spon's'd by Academy of Sciences of the USSR, Internat'l Union of Pure and Applied Chemistry: *Secretary-General, 20th Congress, Inst. of Chemical Physics, USSR Academy of Sciences, Vorobyevskoye chaussee 2-b, Moscow V-334, USSR.*
- 15-21 Education of Professional Physicists (London) spon's'd by Education Commission of Internat'l Union of Pure and Applied Physics: *Patricia N. Boston, Inst. of Physics and Physical Soc., 47 Belgrave Sq., London SW 1, England* (See Nov. '64 PT, p. 115)
- 19-21 Properties and Applications of Plasmas (Moscow, USSR) spon's'd by Internat'l Union of Pure and Applied Chemistry: *E. S. Starkman, College of Engineering, U. of California, Berkeley, Calif.* (See Jan. PT, p. 162)
- 27-29 Positron Annihilation (Wayne State U., Detroit) spon's'd by Wayne State Fund, U. of North Carolina, Advanced Research Projects Agency, National Science Foundation; abstracts deadline June 18: *A. T. Stewart, Physics Dept., U. of North Carolina, Chapel Hill, N.C.*

August 1965

- 2-6 Physics of Electronic and Atomic Collisions (Laval U., Quebec) spon's'd by Internat'l Union of Pure and Applied Physics: *W. L. Fite, Dept. of Physics, U. of Pittsburgh, Pittsburgh 13, Pa.*
- 4-6 American Astronomical Society (Ann Arbor): *G. C. McVittie, U. of Illinois Observatory, Urbana, Ill.*
- 4-7 ♦ High Pressure (Le Creusot, France): *Prof. B. Vodar, CNRS, BP 30, Bellevue, Seine-et-Oise, France* (See Jan. PT, p. 162)
- 9-10 Photoelectric and Secondary Electron Emission (U. of Minn.) spon's'd by Advisory Group on Electron Devices, U. of Minn.: *W. T. Peria, Dept. of Electrical Engrg., U. of Minnesota, Minneapolis, Minn.*
- 9-13 Meteor Orbits and Dust (Smithsonian Astrophysical Observatory) by invitation: *G. S. Hawkins, SAO, 60 Garden St., Cambridge, Mass.* (See May PT, p. 118)
- Photonuclear Reactions (Tilton, N.H.): *W. G. Parks, Dept. of Chemistry, U. of Rhode Island, Kingston, R.I.*
- 9-16 ♦ High-Energy Accelerators (Frascati): *L. Mezzetti, Laboratori Nazionali di Frascati, Casella postale 70, Frascati, Rome, Italy*
- 9-27 Phonons in Perfect Lattices and in Lattices with Point Imperfections (U. of Aberdeen): *T. Smith, Dept. of Natural Philosophy, U. of Aberdeen, Aberdeen, Scotland*
- 10-11 Atomic Interactions and Space Physics (Goddard Space Flight Center) spon's'd by Nat'l Aeronautics and Space Administration: *A. Temkin, GSFC, Greenbelt, Md.*
- 14-20 Molecular Spectroscopy (Copenhagen) spon's'd by European Molecular Spectroscopy Group, Internat'l Union of Pure and Applied Chemistry, Oersted Inst. of U. of Copenhagen Dept. of Chemical Physics: *B. Bak, U. of Copenhagen, Dept. of Chemical Physics, Oersted Inst., 5 Universitetsparken, Copenhagen Ø, Denmark*
- 16-20 Liquid Crystals (Kent, Ohio): *G. H. Brown, Dept. of Chemistry, Kent State U., Kent, Ohio*
- 16-21 Electron Diffraction and Crystal Defects (Melbourne) spon's'd by Australian Academy of Science, Internat'l Union of Crystallography, Internat'l Union of Pure and Applied Physics: *R. I. Garrod, Aeronautical Research Lab, Box 4331, GPO, Melbourne, Victoria, Australia* (See May '64 PT, p. 115)
- 16-3 Radiation Trapped in the Earth's Magnetic Field (Bergen, Norway): *B. M. McCormac, IIT Research Inst., 10 W. 35 St., Chicago, Ill.*

- 22-27 Phenomena in Ionized Gases (Belgrade) spons'd by Yugoslav Union of Mathematical, Physical, and Astronomical Soc., Internat'l Union of Pure and Applied Physics: *Secretariat, PO Box 699, Studentski trg 16/C/IV, Belgrade, Yugoslavia* (See Sept. '64 PT, p. 108)
- 23-27 The Exploration of Mars and Venus (Virginia Polytechnic Inst.) spons'd by Nat'l Aeronautics and Space Administration, Air Force Cambridge Research Labs: *M. L. Collier, Jr., VPI, Blacksburg, Va.*
- 24-26 International Congress of the History of Science (Warsaw): *B. Suchodolski, Polish Academy of Sciences, Palace of Culture and Sciences, Warsaw, Poland*
- 25-27 Gas Dynamics (Northwestern U.): *American Inst. of Aeronautics and Astronautics, 1290 Sixth Ave., New York 19, N.Y.*
- Applications of X-Ray Analysis (Denver) spons'd by Metallurgy Div., Denver Research Inst.: *W. M. Mueller, U. of Denver, Colo.*
- 25-28 Electron Microscopy Society of America (Statler-Hilton Hotel, New York City): *L. L. Ross, Dept. of Anatomy, Cornell U. Medical College, 1300 York Ave., New York 21, N.Y.* (See Apr. PT, p. 108)
- 28-29 International Congress of the History of Science (Kraków): *B. Suchodolski, Polish Academy of Sciences, Palace of Culture and Sciences, Warsaw, Poland*
- 28-4 Electron Microscopy (Kyoto): *Chairman, Sixth Internat'l Congress for Electron Microscopy, Inst. for Virus Research, Kyoto U., Kyoto, Japan*
- 30-31 Past and Future of Science (Kraków): *B. Suchodolski, Polish Academy of Sciences, Palace of Culture and Sciences, Warsaw, Poland*
- 30-1 Rare-Earth Research (Iowa State U.) spons'd by Iowa State U. Inst. for Atomic Research, Air Force Office of Scientific Research: *S. Legvold, Dept. of Physics, Iowa State U., Ames* (See Jan. PT, p. 162)
- Antennas and Propagation (Washington, D.C.) spons'd by Inst. of Electrical and Electronics Engrs: *R. J. Adams, Code 5330, Naval Research Lab, Washington, D.C.* (See Feb. PT, p. 91)
- September 1965**
- 1-3 • American Geophysical Union (Dallas): *E. R. Browncombe, Atlantic Refining Company, PO Box 2819, Dallas, Texas*
- 2-4 American Physical Society (U. of Hawaii Physics Dept.): *K. K. Darrow, The American Physical Soc., Columbia U., 538 W. 120th St., New York 27, N.Y.*
- Vacuum Ultraviolet Radiation Physics (Honolulu) spons'd by APS Division of Electron Physics: *F. G. Allen, Bell Telephone Labs, Murray Hill, N.J.*
- 6-9 Opto-Electronic Components and Devices (Paris) spons'd by Advisory Group for Aeronautical Research and Development (NATO): *Lt. Col. E. F. Dukes, Executive, Avionics Panel, AGARD, 64 rue de Varenne, Paris 7, France* (See May PT, p. 118)
- 6-10 Plasma Physics and Controlled Nuclear Fusion Research (England) spons'd by Internat'l Atomic Energy Agency: *J. H. Kane, Internat'l Confs. Branch, Div. of Special Projects, Atomic Energy Commission, Washington, D.C.* (See Mar. PT, p. 115)
- 6-11 Polarization Phenomena of Nucleons (Karlsruhe) spons'd by the Internat'l Union of Pure and Applied Physics: *H. Schopper, Inst. für Experimentall Kernphysik, Kernforschungszentrum Karlsruhe, 75 Karlsruhe, Postfach 947, Republic of Germany* (See Apr. PT, p. 110)
- Electromagnetic Wave Theory (Delft) spons'd by Internat'l Scientific Radio Union: *R. Timman, Technological U., Julianalaan 132, Delft, Netherlands*
- Zeeman Centennial (Amsterdam) spons'd by Dutch Physical Soc., Internat'l Union of Pure and Applied Physics: *Th. A. M. van Kleef, Zeeman Laboratorium, der Universiteit van Amsterdam, Plantage Muidergracht 4, Amsterdam, Netherlands* (See Apr. PT, p. 108)
- ♦ Nuclear Structure with Neutrons (Antwerp) spons'd by Internat'l Union of Pure and Applied Physics, European-American Nuclear Data Committee: *M. Nève, Neutron Physics Dept., Centre d'Etudes Nucléaires, Mol, Belgium* (See Apr. PT, p. 108)
- 6-18 Cosmic Rays (London) spons'd by Internat'l Union of Pure and Applied Physics: *J. G. Wilson, Physics Dept., Leeds U., Leeds, England*
- 7-9 Internal Friction in Solids (U. of Manchester) spons'd by Inst. of Physics and Physical Soc: *G. M. Leak, Dept. of Metallurgy, U. of Manchester, Manchester 13, England*
- 7-14 International Congress on Acoustics (Liège): *Secrétariat, 33, Rue Saint-Gilles, Liège, Belgium* (See Feb. PT, p. 91)
- 8-10 Medical Physics (Harrogate, Yorkshire) spons'd by Internat'l Organization for Medical Physics, Hospital Physicists' Assoc: *W. V. Mayneord, Director, Inst. of Cancer Research, Royal Cancer Hospital, Clifton Ave., Belmont, Sutton, Surrey, England*
- Magnet Technology (Stanford U.), spons'd by Lawrence Radiation Lab, Stanford Linear Accelerator Center: *R. H. Moulton, Jr., SLAC, PO Box 4349, Stanford, Calif.* (See Feb. PT, p. 92)
- 12-18 XVIth International Astronautical Congress (Athens) spons'd by the Internat'l Astronautical Federation: *IAF, 250 rue Saint-Jacques, Paris 5, France*
- 13-15 • Thermophysics (Monterey, Calif.) spons'd by American Inst. of Aeronautics and Astronautics: *M. Schach, Thermal Systems Branch, Goddard Space Flight Center, Greenbelt, Md.*
- 13-16 Optical Properties and Electronic Structure of Metals and Alloys (Paris) spons'd by Air Force Office of Scientific Research, Direction des Recherches et Moyens d'Essais, Institut d'Optique: *F. Abeles, Institut d'Optique, 3 boulevard Pasteur, Paris 15, France* (See Feb. PT, p. 92)
- 15-17 Nuclear and Particle Physics (U. of Liverpool) spons'd by Inst. of Physics and Physical Soc; send abstracts by June 30 to I. G. Main, Chadwick Lab, U. of Liverpool, Liverpool 3: *Administration Assistant, IPPS, 47 Belgrave Sq., London SW 1, England* (See Apr. PT, p. 111)
- 19-25 Elementary Particles (Oxford) spons'd by Rutherford Lab: *R. C. Pepperell, Scientific Conference Secretariat, Rutherford High Energy Laboratory, Chilton, Didcot, Berkshire, England* (See Apr. PT, p. 111)
- 20 Organic Solid State (Franklin Inst.): *M. M. Labes, Franklin Inst. Research Labs, Philadelphia 3, Pa.*
- 20-22 • Inelastic Scattering of Neutrons by Condensed Systems (Brookhaven Nat'l Lab): *H. Palevsky, Dept. of Physics, BNL, Upton, L.I., N.Y.*
- 21-23 Plasma Electromagnetics of Hypersonic Flight (Boston, Mass.) spons'd by Air Force Cambridge Research Labs, Office of Aerospace Research, Hanscom Field: *A. Cahill, CRD, Symp. Secretary, AFRL, L. G. Hanscom Field, Bedford, Mass.* (See Apr. PT, p. 110)
- Megagauss Magnetic Field Generation by Explosives and Related Experiments (Rome) spons'd by the Italian Physical Society, Laboratorio Gas Ionizzati: *"Megagauss," Laboratorio Gas Ionizzati, CP 65, Frascati (Rome), Italy* (See Mar. PT, p. 115)
- 21-25 Radio Wave Propagation Factors in Space Communications (Rome) spons'd by North Atlantic Treaty Organization: *Lt. Colonel E. F. Dukes, Executive, Avionics Panel, AGARD, 64 rue de Varenne, Paris 7, France* (See Mar. PT, p. 117)
- 23-24 Nonmetallic Thin Films (London) spons'd by Inst. of Physics and Physical Soc.; send abstracts by June 15 to A. K. Jonscher, Physics Dept., Chelsea College of Science and Technology, London, SW 3: *Meetings Officer, IPPS, 47 Belgrave Sq., London, SW 1, England* (See May PT, p. 118)
- 27-28 • Vacuum Microbalance Techniques (Princeton): send abstracts by July 30 to K. H. Behrndt, Bell Telephone Labs, Murray Hill, N. J.: *H. P. Vaughan, Mettler Instrument Corp., 20 Nassau St., Princeton, N.J.*
- 27-2 Semimetal Compounds (Paris) spons'd by Faculté des Sciences de Paris: *A. Michel, Centre d'Orsay, Faculté des Sciences de Paris, Orsay, France*

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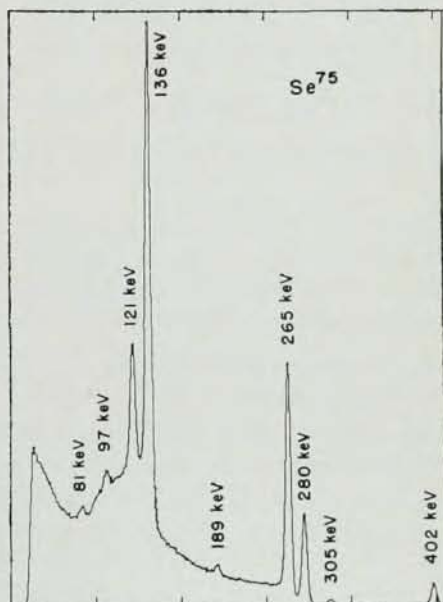
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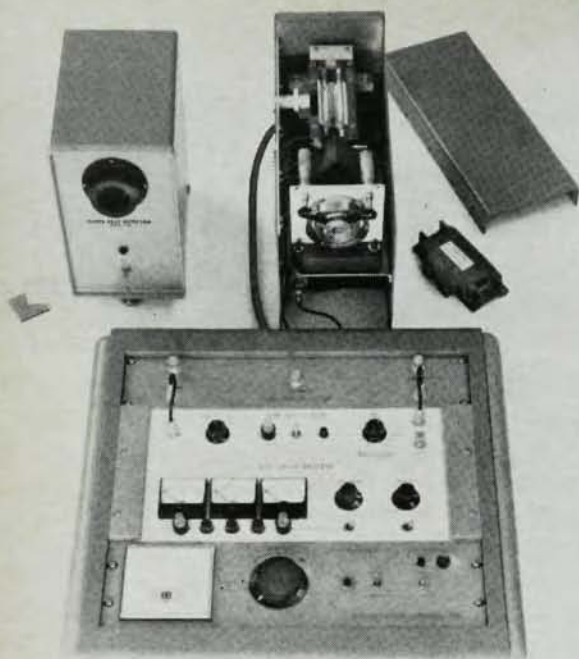
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27-30 Optics in Space (U. of Southampton) spons'd by Inst. of Physics and Physical Soc.; send abstracts by June 30 to H. G. Jerrard, Dept. of Physics, U. of Southampton, Hampshire; *Meetings Officer, IPPS, 47 Belgrave Sq., London SW 1, England*

28-30 • Physics and Nondestructive Testing (Dayton, Ohio): *W. J. McGonnagle, ITT Research Inst., 10 W 35th St., Chicago, Ill.*

28-2 Hyperpure Materials in Science and Technology (Dresden): *Inst. for Applied Physics of Hyperpure Materials, Dresden A 20, Winterbergstr. 28, East Germany (See Dec. '64 PT, p. 86)*

28 Thin Films (New York City) spons'd by the American Vacuum Society: *J. M. Lafferty, General Electric Company Research Laboratory, PO Box 1088, Schenectady, N. Y.*

29-1 American Vacuum Society Symposium and Exhibition (New York City); send abstracts by July 5 to Dr. R. L. Jepsen, Varian Associates, 611 Hansen Way, Palo Alto, Calif.: *H. W. Schleuning, Polytechnic Inst. of Brooklyn, 333 Jay St., Brooklyn, N.Y. (See May PT, p. 120)*

30-1 Spectroscopic Studies of Vibrational Modes (Harwell) spons'd by Inst. of Physics and Physical Soc.; send abstracts by June 30 to L. Bovey, Atomic Energy Research Establishment, Harwell, Berks; *Meetings Officer, IPPS, 47 Belgrave Sq., London SW 1, England*

October 1965

6-8 Optical Society of America (Philadelphia): *Mary E. Wurga, 1155 16th St., NW, Washington 6, D. C.*

9 AAPT New England Section (Orono, Me.): *J. G. Stripe, Boston U., Boston, Mass.*

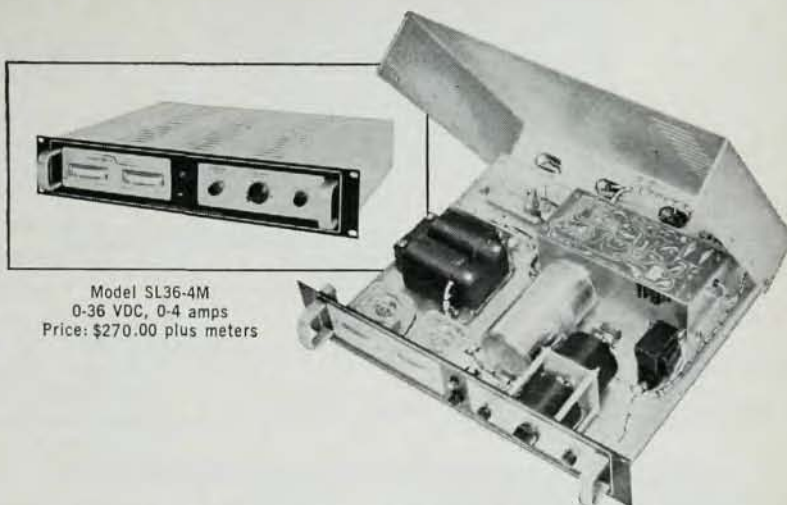
11-13 Color Centers in the Alkali Halides (U. of Illinois) spons'd by Advanced Research Projects Agency, Nat'l Science Foundation, Atomic Energy Commission, Harshaw Chemical Co: *W. D. Compton, Dept. of Physics, U. of Illinois, Urbana, Ill.*

13-15 Detonation (Silver Spring, Md.) spons'd by Naval Ordnance Lab, Office of Naval Research: *S. J. Jacobs, Naval Ordnance Lab, White Oak, Silver Spring, Md.*

18-20 Nuclear Science (San Francisco) spons'd by Inst. of Electrical and Electronics Engrs; send abstracts by July 1 to J. M. Harner, Argonne Nat'l Lab, Argonne, Ill.: *J. J. Kennedy, General Electric Co., Missile and Space Div., Valley Forge Space Technology Center, PO Box 8555, Philadelphia, Pa. (See May PT, p. 120)*

19-21 Radio Astronomical and Satellite Studies of the Atmosphere (Boston) spons'd by Air Force Cambridge Research Labs: *G. A. Cushman, Wentworth Inst., 550 Huntington Ave., Boston, Mass.*

Cloud Physics and Severe Storms (Reno) spons'd by American Meteorological Soc., U. of Nevada: *W. A. Mordy, Desert Research Inst., U. of Nevada, Reno, Nev.*



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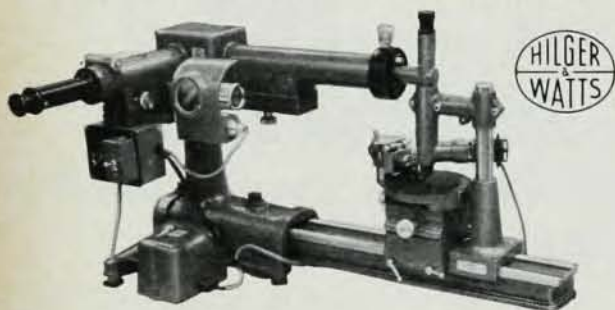
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- 25-27 **Society of Rheology (Cleveland, Ohio)**; *S. Prager, Dept. of Chemistry, U. of Minnesota, Minneapolis, Minn.*
- 28-30 **American Physical Society (Chicago)**; abstracts deadline Sept. 15; *R. G. Sachs, Regional Secretary, PO Box 344, Argonne, Ill.*

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- 3-5 **Society of Engineering Science, Inc. (U. of California)**; send abstracts by July 1 to A. C. Eringen, School of Aeronautics, Astronautics, and Engrg. Sciences, Purdue U., Lafayette, Ind.; *E. Teller, Dept. of Applied Science, U. of California, Davis, Calif.* (See May PT, p. 120)
- 3-6 **Acoustical Society of America (St. Louis)**; abstracts deadline Aug. 4; *L. J. Hirsh, Chairman, Central Institute for the Deaf, 818 S. Kingshighway, St. Louis, Mo.*
- 11-13 **Bases for Nuclear Spin-Parity Assignments (Gatlinburg), APS Topical Conf.**; send abstracts by Oct. 1 to F. K. McGowan, Oak Ridge Nat'l Lab, PO Box X, Oak Ridge, Tenn.; *Tom Woods, Mountain View Hotel, Gatlinburg, Tenn.*
- 16-18 **Physics of Failure in Electronics (Chicago)** spons'd by Rome Air Development Center, IIT Research Inst.; abstracts deadline June 25; *M. Goldberg, IIT Research Inst., 10 W. 35th St., Chicago, Ill.* (See May PT, p. 120)
- 16-19 **Magnetism and Magnetic Materials (San Francisco)** spons'd by **American Inst. of Physics**, Inst. of Electrical and Electronics Engrs; send abstracts by Aug. 15 to H. S. Jarrett, Dupont de Nemours and Co., Wilmington, Del.; *P. E. Wigen, Box 11432, Palo Alto, Calif.*
- 22-24 **APS Division of Fluid Dynamics (Case Inst. of Technology)**; *R. G. Fowler, U. of Oklahoma, Norman, Okla.*

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- 1-3 **Sonics and Ultrasonics (Boston)** spons'd by Inst. of Electrical and Electronics Engrs; send abstracts by Sept. 1 to J. H. Rowen, Bell Telephone Labs, Murray Hill, N.J.; *D. L. Arenberg, 94 Green St., Jamaica Plain, Mass.*
- 20-22 **American Physical Society (Los Angeles)**; abstracts deadline Oct. 15; *W. Whaling, Regional Secretary, California Inst. of Technology, 1201 E. California St., Pasadena, Calif.*

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- 4-7 • **Solid-State Physics (Manchester)** spons'd by Inst. of Physics and Physical Soc; send abstracts by Nov. 12 to S. F. Edwards, Dept. of Physics, U. of Manchester; *Meetings Officer, IPPS, 47 Belgrave Sq., London SW 1, England*
- 26-29 **American Physical Society (New York City)**; abstracts deadline Nov. 10; *K. K. Darrow, The American Physical Soc., 538 W. 120th St., New York 27, N.Y.*

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