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

November 1964

16–19 Magnetism and Magnetic Materials (Minneapolis) spons'd by **American Inst. of Physics,** Inst. of Electrical and Electronics Engrs: *R. Prosen, Honeywell Research Center, Hopkins, Minn.* (See Sept. PT, p. 108)

16–20 Magnetism of the Earth's Interior (U. of Pittsburgh): *A. F. Frederickson, Dept of Earth and Planetary Sciences, U. of Pittsburgh, Pitts., Pa.* (See Sept. PT, p. 108)

17–19 Fall Joint Computer Conference (Brooks Hall, San Francisco) spons'd by American Federation of Information Processing Socs: *Phyllis Huggins, AFIPS, PO Box 55, Malibu, Calif.*

23–25 **APS Division of Fluid Dynamics** (Pasadena, Calif.): *R. J. Emrich, Dept. of Physics, Lehigh U., Bethlehem, Pa.* (See Oct. PT, p. 92)

23-25 Earth Magnetism (U. of Pittsburgh) spons'd by Internat'l Assoc. of Geomagnetism and Aeronomy: *M. Sugiura, Goddard Space Flight Center, Greenbelt, Md.* (See Sept. PT, p. 108)

26–28 Central Association of Science and Mathematics Teachers (Detroit): *L. Alcorta, Science Education Dept., Wayne State U., Detroit, Mich.*

December 1964

7–9 Performance of High-Temperature Systems (Pasadena, Calif.): *G. S. Bahn, 16902 Bollinger Dr., Pacific Palisades, Calif.* (See Feb. PT, p. 97)

7–11 Chemical Effects Associated with Nuclear Reactions and Radioactive Transformations (Vienna) spons'd by Internat'l Atomic Energy Agency, Internat'l Council of Scientific Unions' Joint Commission on Applied Radioactivity: *J. H. Kane, Internat'l Confs. Branch, Div. of Special Projects, Atomic Energy Commission, Washington, D.C.* (See Aug. PT, p. 71)

14–22 International Geological Congress (New Delhi): *Secretary General, c/o Geological Survey of India, 27, Chowringhee, Calcutta 13, India*

15–18 Relativistic Astrophysics (Austin) spons'd by U. of Texas, SW Center for Advanced Studies: *Jane Wardlaw, Dept. of Physics, U. of Texas, Austin, Tex.* (See Aug. PT, p. 71)

15–19 Inelastic Scattering of Neutrons (Bombay) 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 Aug. PT, p. 71)

21–23 **American Physical Society** (Berkeley): *W. Whaling, Regional Secretary, California Inst. of Technology, 1201 E. California St., Pasadena.*

26–31 American Association for the Advancement of Science (Montreal): *R. L. Taylor, AAAS, 1515 Massachusetts Ave., NW, Washington, D.C.* (See Nov. PT, p. 113)

28–30 American Geophysical Union (Seattle): *J. C. Harrison, Hughes Research Labs, 3011 Malibu Canyon Rd., Malibu, Calif.* (See Aug. PT, p. 71)

29–31 ♦ **American Astronomical Society** (Montreal): *G. C. McVittie, U. of Illinois Observatory, Urbana, Ill.*

January 1965

5–8 Solid-State Physics (U. of Bristol) spons'd by Inst. of Physics and Physical Soc.; send abstracts by Nov. 20 to D. A. Greenwood, H. H. Wills Physics Lab, Royal Fort, Bristol 8: *Administration Assistant, IPPS, 47 Belgrave Sq., London, SW 1, England* (See Oct. PT, p. 92)

7–9 • Chemical, Physical, and Biological Aspects of Energy Transfer in Radiation Processes (University College, Cardiff) spons'd by Assoc. for Radiation Research: *G. O. Phillips, Dept. of Chemistry, University College, Cardiff, Wales*

25–27 Aerospace Sciences (New York City) spons'd by American Inst. of Aeronautics and Astronautics: *AIAA, 1290 Sixth Ave., New York 19, N. Y.*

25–28 American Meteorological Society (New York City): *AMS, 45 Beacon St., Boston 8, Mass.*

27–30 **American Physical Society** (Statler Hilton Hotel, New York City); abstracts deadline Nov. 13: *K. K. Darrow, The American Physical Soc., Columbia U., 538 W. 120th St., New York 27, N.Y.*

American Association of Physics Teachers (Statler Hilton Hotel, New York City): *H. R. Crane, U. of Michigan, Ann Arbor, Mich.*

28–29 • **Society of Rheology** (Santa Barbara, Calif.); send abstracts by Dec. 1 to R. S. Porter, California Research Corp., 576 Standard Ave., Richmond, Calif: *Charles C. Surland, Dept. 4520, Aerojet-General Corp., PO Box 1947, Sacramento 9, Calif.*

28–30 • American Geophysical Union (Socorro): *C. R. Holmes, New Mexico Inst. of Mining and Technology, Campus Station, Socorro, N.M.*

February 1965

1–3 • **American Crystallographic Association** (Rensselaer Polytechnic Inst.): *W. L. Kehl, Secretary, Gulf Research and Development Co., PO Box 2038, Pittsburgh, Pa.*

2–6 • Electron Microscopy in Asia and Oceania (Calcutta) spons'd by Internat'l Federation of Electron Microscope Socs. and Indian Soc. of Microscopy: *N. N. Das Gupta, Electron Microscope Soc. of India, Saha Inst. of Nuclear Physics, 92 Acharya Prafulla Chandra Rd., Calcutta 9, India.*

4–5 Western Spectroscopy Association (Asilomar, Calif.): *M. W. Windsor, TRW Space Technology Labs, One Space Park, RI/1078, Redondo Beach, Calif.*

8–12 • American Society for Testing and Materials (Cleveland): *ASTM, 1916 Race St., Philadelphia 3, Pa.*

15–16 Louisiana Society for Electron Microscopy (New Orleans): *R. H. Morriss, Physics Dept., Tulane U., New Orleans, La.*

17–19 Solid-State Circuits (Philadelphia) spons'd by U. of Pennsylvania, Inst. of Electrical and Electronics Engrs: *L. Winner, 152 W. 42nd St., New York, N.Y.*

24–26 • Biophysical Society (San Francisco): *W. Sleator, Secretary, Washington U. School of Medicine, St. Louis 10, Mo.*

25–27 **American Physical Society** (Norman, Okla.); abstracts deadline Dec. 18: *R. G. Sachs, Regional Secretary, Argonne Nat'l Lab, 9700 S. Cass Ave., Argonne, Ill.*

26 Cryogenics in Relation to Vacuum (London) spons'd by Inst. of Physics and Physical Soc., Joint British Committee for Vacuum Science and Technology: *Administration Assistant, IPPS, 47 Belgrave Sq., London, SW 1, England*

March 1965

10–12 Particle Accelerators (Washington, D.C.) spons'd by Inst. of Electrical and Electronics Engrs. Nuclear Science Group, Nat'l Bureau of Standards, **American Inst. of Physics/ American Physical Soc.**; abstracts deadline Dec. 1: *R. S. Livingston, Particle Accelerator Conf., Oak Ridge Nat'l Lab, PO Box X, Oak Ridge, Tenn.* (See Oct. PT, p. 92)

22–26 Physics and Chemistry of Fission (Salzburg, Austria) spons'd by Internat'l Atomic Energy Agency; abstracts deadline Nov. 10: *J. H. Kane, Internat'l Confs. Branch, Div. of Special Projects, Atomic Energy Commission, Washington, D.C.* (See Sept. PT, p. 108)

24–27 **American Physical Society** (Kansas City); abstracts deadline Jan. 8: *R. G. Sachs, Regional Secretary, Argonne Nat'l Lab, 9700 S. Cass Ave., Argonne, Ill.*

31–2 **Optical Society of America** (Dallas): *Mary E. Warga, 1155 16th St., NW, Washington 6, D.C.*

April 1965

5–7 Elementary Particles (U. of Birmingham) spons'd by Inst. of Physics and Physical Soc: send abstracts by Jan. 31 to Conf. Secretary, Elementary Particle Conf., Physics Dept., U. of Birmingham: *Administration Assistant, IPPS, 47 Belgrave Sq., London SW 1, England*

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Instructor for Department of Physics to teach both undergraduate and graduate courses. Ph.D. required. Rank and salary will depend upon applicant's background and experience. Apply **President, Montana School of Mines, Butte, Montana.**

5–8 Physics Exhibition (Manchester) spons'd by Inst. of Physics and Physical Soc: *Administration Assistant, IPPS, 47 Belgrave Sq., London SW 1, England*

12–14 Atomic Spectra and Radiation Processes (Clarendon Lab, Oxford) spons'd by Inst. of Physics and Physical Soc: *Administration Assistant, IPPS, 47 Belgrave Sq., London SW 1, England*

13–14 Proton Transfer Reactions (Newcastle-upon-Tyne) spons'd by Faraday Soc: *B. E. Kronitzer, Assistant Secretary, Faraday Soc., 6 Gray's Inn Sq., London WC 1, England*

20–23 American Meteorological Society (Washington, D. C.), with American Geophysical Union: *AMS, 45 Beacon St., Boston 8, Mass.*

21–23 Nonlinear Magnetics (Washington, D.C.) spons'd by Inst. of Electrical and Electronics Engrs: *E. W. Pugh, IBM Components Div., Dept. 231, Bldg. 703-2, Poughkeepsie, N.Y.*

• Engineering Aspects of Magnetohydrodynamics (U. of Pittsburgh) spons'd by American Soc. of Mechanical Engrs., American Inst. of Aeronautics and Astronautics, Inst. of Electrical and Electronics Engrs., U. of Pittsburgh, Carnegie Inst. of Technology; send abstracts by Dec. 14 to E. Reshotko, Program Chairman, Div. of Engrg., Case Inst. of Technology, Cleveland, Ohio: *B. I. Leidy, Dept. of Mechanical Engrg., U. of Pittsburgh, Pittsburgh, Pa.*

26–27 Combustion Institute Western States Section (Los Angeles): *Secretary, CI WSS, 16902 Bollinger Dr., Pacific Palisades, Calif.* (See Feb. PT, p. 92)

26–29 **American Physical Society** (Washington, D.C.); abstracts deadline Feb. 5: *K. K. Darrow, The American Physical Soc., Columbia U., 538 West 120th St., New York 27, N.Y.*

May 1965

5–7 • Microwave Theory and Techniques (Clearwater, Fla.) spons'd by Inst. of Electronics and Electrical Engrs: *J. E. Pippin, Sperry Microwave Elec. Co., Box 1828, Clearwater, Fla.*

10–12 Organic Crystals (U. of Chicago); abstracts deadline Jan. 1: *Secretary, Organic Crystal Symp., U. of Chicago, 5640 S. Ellis Ave., Chicago, Ill.*

10–13 Pulsed-Neutron Research (Karlsruhe, Germany) spons'd by Internat'l Atomic Energy Agency; abstracts deadline Jan. 4: *J. H. Kane, Internat'l Confs. Branch, Div. of Special Projects, Atomic Energy Commission, Washington, D.C.* (See Oct. PT, p. 95)

17–19 Application of Computing Methods to Reactor Problems (Argonne Nat'l Lab) spons'd by Mathematics and Computing Div. of American Nuclear Soc., Argonne Nat'l Lab, European Nuclear Energy Agency: *B. J. Toppel, Reactor Physics Div., ANL, 9700 S. Cass Ave., Argonne, Ill.*

Equipment

Positions Open

24–28 • Radioisotope Sample Measurement Techniques in Medicine and Biology (Vienna) 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.*

31–4 Phase Movements and Changes in Molecular Solids (Paris) spons'd by Société de Chimie Physique: *G. Emschwiller, Société de Chimie Physique, 10, rue Vauquelin, Paris 5, France*

June 1965

2–5 **Acoustical Society of America** (Washington, D.C.); abstracts deadline Mar. 3: *G. J. Franz, David Taylor Model Basin, Washington, D.C.*

7–8 • Environment-Sensitive Mechanical Behavior of Materials (Baltimore) spons'd by Army Research Office-Durham, Physical Metallurgy Committee of American Inst. of Metallurgical Engrs., Martin Co.: *A. R. C. Westwood, 7212 Bellona Ave., Baltimore, Md.*

14–17 Health Physics Society (Los Angeles); send abstracts by Feb. 1 to Walter S. Snyder, Health Physics Div., Oak Ridge Nat'l Lab, Oak Ridge, Tenn: *W. L. Fisher, Health and Safety Lab, Atomics Internat'l, 8900 DeSoto Ave., Canoga Park, Calif.*

21–23 • Physics of Quantum Electronics (San Juan, P.R.) spons'd by Office of Naval Research: *P. L. Kelley, Secretary, Physics of Quantum Electronics Conf., MIT Lincoln Lab, Lexington, Mass.*

23–25 **American Physical Society** (New York City): *K. K. Darrow, The American Physical Soc., Columbia U., 538 West 120 St., New York 27, N.Y.*

27–2 • **American Crystallographic Association** (Gatlinburg, Tenn.): *W. L. Kehl, Secretary, Gulf Research and Development Co., PO Box 2038, Pittsburgh, Pa.*

17–19 • American Association of Physics Teachers (U. of Tennessee)

July 1965

9–11 • Heat Flow below 100° K and its Applications (Grenoble) spons'd by Commission on Low Temperature Physics and Thermodynamics, Internat'l Inst. of Refrigeration: *J. Wilks, Chairman, c/o Clarendon Lab, Parks Rd., Oxford, England*

12–17 Spectroscopy (U. of Exeter) spons'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 PT, p. 115)

12–18 • Pure and Applied Chemistry (Moscow) spons'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 chaussée 2-b, Moscow V-334, USSR.*

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14–16 • Molecular Relaxation Processes (Aberystwyth, Wales): send abstracts by Dec. 31 to M. Davies, Edward Davies Chemical Lab, Aberystwyth: *General Secretary, The Chemical Soc., Burlington House, London W 1, England.*

15–21 Education of Professional Physicists (London) spons'd by Education Commission of Internat'l Union of Pure and Applied Physics; abstracts deadline Jan. 1, 1965: *Patricia N. Boston, Inst. of Physics and Physical Soc., 47 Belgrave Sq., London SW 1, England*

19–23 Study of Nuclear Structure Using Neutrons (Mol) spons'd by European-American Nuclear Data Committee: *M. Nève, Neutron Physics Dept., Centre d'Etudes Nucléaires, Mol, Belgium*

August 1965

3–7 Physics of Electronic and Atomic Collisions (Laval U., Quebec): *W. L. Fite, Dept. of Physics, U. of Pittsburgh, Pittsburgh 13, Pa.*

14–20 • Molecular Spectroscopy (Copenhagen) spons'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*

16–21 Electron Diffraction and Crystal Defects (Melbourne) spons'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 PT, p. 115)

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.*

28–29 International Congress of the History of Science (Kraków): *B. Suchodolski, Polish Academy of Sciences, Palace of Culture and Sciences, Warsaw, Poland*

30–31 Past and Future of Science (Kraków): *B. Suchodolski, Polish Academy of Sciences, Palace of Culture and Sciences, Warsaw, Poland*

30–4 Phenomena in Ionized Gases (Belgrade) spons'd by Yugoslav Union of Mathematical, Physical, and Astronomical Socs., Internat'l Union of Pure and Applied Physics: *Secretariat, PO Box 699, Studentski trg 16/C/IV, Belgrade, Yugoslavia* (See Sept. PT, p. 108)

September 1965

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*