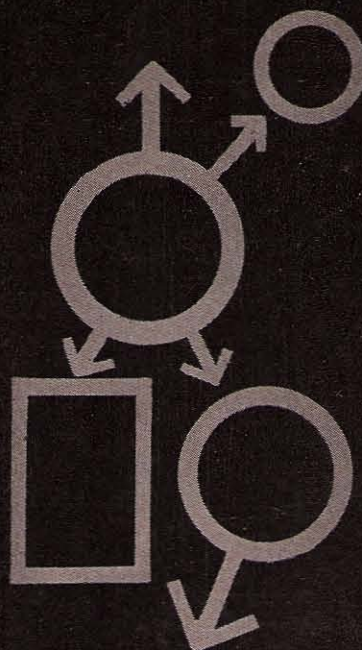




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CALENDAR

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.

March

- 14-17 **Optical Society of America** (Washington, D. C.): *Mary E. Wurga, 1155 16th St., N.W., Washington 6, D. C.* (See Feb. PT, p. 82)
- 24 **AAPT New England Section** (Greenfield, Mass.): *J. B. Guernsey, Wellesley Col., Wellesley 81, Mass.*
- 26-29 **American Physical Society** (Baltimore, Md.): *K. K. Darrow, 538 W. 120 St., New York 27, N. Y.* (See Jan. PT, p. 102)
- 26-29 **APS Division of Solid-State Physics** (Lord Baltimore Hotel, Baltimore, Md.): *J. S. Smart, IBM Research Center, Yorktown Hts., N. Y.* (See Jan. PT, p. 102)
- 26-29 **APS Division of Chemical Physics** (Baltimore, Md.): *J. C. Decius, Oregon State U., Corvallis, Ore.* (See Jan. PT, p. 102)
- 27-29 **APS Division of High-Polymer Physics** (Baltimore, Md.): *H. D. Keith, Bell Tel. Labs, Murray Hill, N. J.* (See Jan. PT, p. 102)
- 28-29 **Engineering Aspects of Magnetohydrodynamics** (U. of Rochester) spon-s'd by Inst. of Radio Engrs., U. of Rochester, Am. Inst. of Electrical Engrs., Inst. of Aerospace Sciences: *N. W. Mather, Princeton U., Princeton, N. J.* (See Feb. PT, p. 84)

- 16-18 **Kinetics, Equilibria, and Performance of High-Temperature Systems** (U. of Calif., Los Angeles) spon-s'd by Western States Section of Combustion Inst.: *G. S. Bahn, 16902 Bol-linger Dr., Pacific Palisades, Calif.* (See Nov. '61 PT, p. 95)
- 16-19 **Interactions between Mathematical Research and High-Speed Computing** (Chalfonte-Haddon Hall Hotel, Atlantic City, N. J.) spon-s'd by American Mathematical Soc., Assoc. for Computing Machinery: *E. Pitcher, AMS, 190 Hope St., Providence 8, R. I.*
- 16-19 **Vacuum Ultraviolet Radiation Physics** (U. of So. Calif.) spon-s'd by Nat'l Science Foundation: *G. L. Weissler, USC, Los Angeles 7, Calif.* (See Sept. '61 PT, p. 90)
- 17-20 **Sector-Focused Cyclotrons** (U. of Calif., Los Angeles) spon-s'd by Internat'l Union of Pure & Applied Physics, U. of Calif.: *B. T. Wright, UCLA, Los Angeles 24, Calif.*
- 18-20 **Information Retrieval in Action** (Cleveland) spon-s'd by Western Reserve U.: *Center for Documentation and Communication Research Conf., WRU, 10831 Magnolia Dr., Cleveland 6, Ohio*
- 22-27 **Second-Order Effects in Elasticity, Plasticity, & Hydrodynamics** (Haifa) spon-s'd by Internat'l Union of Theoretical & Applied Mechanics: *M. Reiner, Comité Scientifique, Technion, P.O.B. 4910, Haifa, Israel*

April

- 1-4 **American Astronomical Society** (Harvard College Observatory & Smithsonian Astrophysical Observatory, Cambridge, Mass.): *H. Smith, Yale U. Observatory, New Haven, Conn.*
- 3-5 **Plasma Sheath** (Boston, Mass.) spon-s'd by Air Force Cambridge Research Labs: *Alice Cahill, AFRL, L. G. Hanscom Field, Bedford, Mass.* (See Oct. '61 PT, p. 86)
- 5-7 **APS Southeastern Section** (Florida State U.): *H. Carr, Auburn U., Auburn, Ala.*
- 7 **AAPT Northern Calif. Section** (Chico State College, Chico, Calif.): *J. H. Ross, San Mateo College, San Mateo, Calif.*
- 7 **APS New England Section** (Providence College, Providence, R. I.): *E. Fowler, Yale U., New Haven, Conn.*
- 11-13 **High-Temperature Materials for Nuclear Applications** (San Diego) spon-s'd by American Nuclear Soc.: *L. R. Zumwalt, General Atomic, P. O. Box 608, San Diego 12, Calif.*
- 12-14 **Experimental Arithmetic** (U. of Chicago) spon-s'd by American Mathematical Soc.: *E. Pitcher, AMS, 190 Hope St., Providence 8, R. I.*
- 13-14 **Plasma Physics** (Hilton Inn, Tarrytown, N. Y.) spon-s'd by **APS N. Y. State Section**: *B. Foulds, General Precision Equipment Corp., 50 Prospect Ave., Tarrytown, N. Y.*

- 23-25 **Meteorological Uses of Rockets and Satellites** (Washington, D. C.) spon-s'd by Committee on Space Research, Internat'l Union of Geodesy and Geophysics, World Meteorological Organization. In conjunction with meeting of Committee for Space Research, Washington, D. C., Apr. 30-9: *WMO, 41, av. Giuseppe Moita, Geneva, Switzerland*
- 23-26 **American Physical Society** (Washington, D. C.): *K. K. Darrow, 538 W. 120 St., New York 27, N. Y.*
- 24-26 **Gas Chromatography Institute** (Canisius College, Buffalo) spon-s'd by Canisius College: *H. A. Szymanski, Canisius Col., Buffalo 8, N. Y.*
- 24-26 **Mathematical Theory of Automata** (Polytechnic Inst. of Brooklyn): *Symp. Committee, PIB, 55 Johnson St., Brooklyn 1, N. Y.* (See Feb. PT, p. 84)
- 25-28 **American Meteorological Society & American Geophysical Union** (Washington, D. C.): *W. E. Hiatt, US Weather Bureau, Washington 25, D. C.* (See Jan. PT, p. 104)
- 26-28 **Use of Artificial Satellites for Geodesy** (Washington, D. C.) spon-s'd by Internat'l Assoc. for Geodesy, Committee on Space Research. In conjunction with meeting of Committee for Space Research, Apr. 30-9, Washington, D. C.: *IAG, 18, rue Auber, Paris 9, France*
- 30-2 **Neutron Thermalization** (Brookhaven Nat'l Lab): *N. Cornog, BNL, Upton, L. I., N. Y.* (See Feb. PT, p. 86)

PHYSICS TODAY

- 30-4 Mid-America Spectroscopy Symp. (Chicago) spons'd by Chicago Section of Soc. for Applied Spectroscopy: *J. R. Ferraro, Argonne Nat'l Lab, 9700 S. Cass Ave., Argonne, Ill. (See Oct. '61 PT, p. 86)*
- 30-4 High-Polymers (Penn. State U.): *Conf. Center, Penn. State U., University Park, Pa.*
- 30-9 Committee on Space Research (Washington, D. C.): *Secretariat, COSR, 28 Nieuwe Schoolstraat, The Hague, Netherlands*

May

- 2-8 International Space Science Symposium (Washington, D. C.) in conjunction with meeting of the Committee on Space Research, Apr. 30-9, Washington, D. C.: *Secretariat, COSR, 28 Nieuwe Schoolstraat, The Hague, Netherlands*
- 3-4 Theoretical & Applied Mechanics (Gatlinburg, Tenn.) spons'd by Oak Ridge Nat'l Lab: *R. L. Maxwell, U. of Tenn., Knoxville, Tenn. (See Feb. PT, p. 86)*
- 6-10 Optical Masers (Statler-Hilton Hotel, Los Angeles, Calif.) spons'd by Electrochemical Soc.: *J. L. Birman, Gen. Tel. & Electronics Labs, Inc., 208-20 Willets Pt. Blvd., Bayside 60, N. Y.*
- 14-16 Thermionic Power Conversion (Colorado Springs) spons'd by Dept. of Defense, **APS Division of Electron Physics**, & engineering socs.: *P. H. Egli, Naval Research Lab, code 6430, Washington 25, D. C. (See Jan. PT, p. 102)*
- 21-25 Max Planck Institute for Advancement of Science, general assembly (Düsseldorf): *Max Planck Inst., Kaiserswertherstr. 164, Düsseldorf, Germany*
- 23-26 **Acoustical Society of America** (New York City): *W. P. Mason, Bell Telephone Labs, Murray Hill, N. J.*
- 28-30 Physics and Chemistry of Ceramics (Penn State U.), by invitation, spons'd by Office of Naval Research: *C. Klingsberg, ONR, Washington 25, D. C.*

June

- 4-8 Society of Physical Chemistry (Paris): *G. Emschwiller, Soc. de Chimie Physique, 10 rue Vauquelin, Paris 5, France*
- 7-10 Canadian Association of Physicists (McMaster U., Hamilton, Ont.): *G. D. Scott, U. of Toronto, Toronto 5, Ont., Canada*
- 11-13 Irreversible Thermodynamics (Providence): *J. Ross, Brown U., Providence 12, R. I.*
- 11-14 Health Physics Society (Sherman Hotel, Chicago): *C. C. Palmiter, Federal Radiation Council, Rm. 597, Exec. Office Bldg., Washington 25, D. C. (See Dec. '61 PT, p. 88)*
- 11-15 Molecular Structure & Spectroscopy (Ohio State U.): *H. H. Nielsen, Ohio State U., 174 W. 18th Ave., Columbus 10, Ohio*
- 12-14 Chemical Physics in Onsager Reciprocal Relations (Brown U.) spons'd by Brown U., Nat'l Science Foundation, Air Force Office of Scientific Research: *J. Ross, Brown U., Providence 12, R. I.*
- 13-15 Heat Transfer & Fluid Mechanics Institute (U. of Washington): *R. E. Street, U. of Washington, Seattle 5, Wash. (See Oct. '61, p. 86)*

March 1962

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- 17-21 American Nuclear Society (Boston): O. J. Du Temple, ANS, 86 E. Randolph St., Chicago 1, Ill.
- 18-19 Vacuum Metallurgy (New York U., University Hts., New York City) spon's'd by American Vacuum Soc., NYU: R. F. Bunshah, Lawrence Radiation Lab, U. of Calif., P. O. Box 808, Livermore, Calif.
- 18-21 Applied Mechanics (Berkeley) spon's'd by Am. Physical Soc., US Nat'l Committee on Theoretical & Applied Mechanics, & engineering socs.: W. Goldsmith, U. of Calif., Berkeley 4, Calif.
- 19-21 American Physical Society (Evanston, Ill.): abstracts deadline Apr. 13: K. K. Darrow, 538 West 120 St., New York 27, N. Y.
- 25-29 Theoretical Interpretation of Upper Atmosphere Emissions (Paris), by invitation, spon's'd by Internat'l Astronomical Union, Internat'l Union of Geodesy & Geophysics: J. W. Chamberlain, Yerkes Observatory, Williams Bay, Wisc.
- 25-30 Partial Differential Equations (Paris) spon's'd by French Nat'l Scientific Research Center: Prof. Malgrange, U. de Paris à la Sorbonne, 47, rue des Écoles, Paris 5, France
- 25-30 Electromagnetic Theory & Antennas (Copenhagen) spon's'd by Internat'l Scientific Radio Union, Technical U. of Denmark, Danish Acad. of Technical Science: H. L. Knudsen, Øster Voldgade 10 G, Copenhagen K, Denmark (See Nov. '61 PT, p. 96)
- 26-28 American Association of Physics Teachers (Carleton College, Northfield, Minn.): R. P. Winch, Williams College, Williamstown, Mass.
- 26-28 Physics & Chemistry of High Pressures (London) spon's'd by Soc. of Chemical Industry, Inst. of Physics & Physical Soc.: J. S. Rowlinson, Imperial College, London, S.W. 7, England
- 26-28 American Meteorological Society (U. of Alaska, Fairbanks): J. F. Gailard, CWO, USAF, 11th Weather Sq., APO 942, Seattle, Wash. (See Jan. PT, p. 105)
- 26-29 Rarefied Gas Dynamics (Paris): L. Talbot, U. of Calif., Berkeley, Calif., or Laboratoire d'Aérothermique, 4c routes des Gardes, Meudon, France (See Sept. '61 PT, p. 90)
- July**- 2-4 Interaction Phenomena in Plasmas (Chalmers U. of Technology): H. Wilhelmsson, Chalmers U. of Technology, Gothenburg, Sweden
- 2-6 Ionosphere (London) spon's'd by Inst. of Physics & Physical Soc.: Inst. of Physics & Physical Soc., 47 Belgrave Sq., London, S.W. 1, England (See Jan. PT, p. 105)
- 2-7 Magnetic & Electric Resonance & Relaxation (Eindhoven) spon's'd by Netherlands Physical Soc., Groupement Ampère: D. J. Kroon, Philips Res. Lab, Eindhoven, Netherlands (See Nov. '61 PT, p. 98)
- 4-11 High Energy Nuclear Physics (Geneva), by invitation, spon's'd by Internat'l Union of Pure & Applied Physics: Scientific Conf. Secretariat, CERN, Geneva 23, Switzerland
- 9-11 Astrophysics (Liège) spon's'd by U. of Liège, Belgian Inst. of Astrophysics: P. Swings, Ins. of Astrophysics, Cointe-Scléssin, Belgium
- 16-19 Novae, Novoids, and Supernovae (Lyons) spon's'd by French Nat'l Scientific Research Center: J. Dufay, U. de Lyons, rue de Cavenne, Lyons, France
- 16-20 Paramagnetic Resonance (Hebrew U.) spon's'd by Internat'l Union of Pure & Applied Physics: W. Low, Hebrew U., Jerusalem, Israel (See Oct. '61 PT, p. 86)
- 16-20 Physics of Semiconductors (U. of Exeter) spon's'd by Inst. of Physics & Physical Soc., Internat'l Union of Pure & Applied Physics, British Nat'l Committee for Physics: Inst. of Physics & Physical Soc., 47, Belgrave Sq., London, S.W. 1, England (See Oct. '61 PT, p. 88)
- 25-27 Fifty Years of X-Ray Diffraction (Munich) spon's'd by Ludwig Maximilians U. of Munich, Bavarian Academy of Sciences, Internat'l Union of Crystallography: F. Bopp, Inst. für Theoretische Physik der U. Munich, Schellingstr. 4-8, Munich 13, Germany
- 25-31 Relativistic Theories of Gravitation (Warsaw), internat'l conf. spon's'd by IUPAP, Polish Acad. of Science: L. Infeld, Inst. Fizyki, ul. Hoza 69, Warsaw, Poland
- 27-31 Recent Advances in the Experimental and Theoretical Methods of Crystal Structure Research (Munich) spon's'd by Internat'l Union of Crystallography, German Mineralogical Soc. Crystallography Section: F. Bopp, Inst. für Theoretische Physik der U. Munich, Schellingstr. 4-8, Munich 13, Germany
- 30-18 Excitations in Semiconductors, Excitons, & Polarons (U. of St. Andrews) spon's'd by Scottish Universities, NATO: C. G. Kuiper, St. Salvador's Col., U. of St. Andrews, Fife, Scotland
- August**- 8-14 Cycle and Isotopic Composition of Atmospheric Gases (Utrecht) spon's'd by Internat'l Union of Geodesy and Geophysics, Internat'l Assoc. of Meteorology and Atmospheric Physics, Commission on Air Chemistry and Radioactivity: E. C. Junge, IAMAP, 26 Blueberry Lane, Lexington, Mass.
- 11-22 Aug. 11-13, Internat'l Mathematical Union General Assembly; Aug. 15-22, Internat'l Congress of Mathematicians (Stockholm): R. Thörn, Kungl. Järnvägsstyrelsen, Stockholm C, Sweden
- 14-16 Precision Electromagnetic Measurements (Boulder) spon's'd by Nat'l Bureau of Standards, Inst. of Radio Engineers, Am. Inst. of Electrical Engineers: J. Brockman, NBS, Boulder, Colo. (See May '61 PT, p. 90)
- 19-26 Image Formation and Vision, Congress of International Commission for Optics (Munich): H. Schober, U. of Munich, Arnulfstr. 205, Munich 19, Germany
- 20-23 Gyrodynamics (Celerina, Switzerland) spon's'd by Internat'l Union of Theoretical & Applied Mechanics: H. Ziegler, Ecole Polytechnique Fédérale, Zurich, Switzerland
- 21-28 International Congress on Acoustics (Copenhagen): F. H. B. Ingerslev, Tekniske Højskole, Øster Voldgade 10, Copenhagen, Denmark (See Dec. '60 PT, p. 80)
- 22-24 X-Ray Optics and X-Ray Microanalysis (Stanford U.): L. Zeitz, Biophysics Lab, Stanford U., Stanford, Calif.

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INTERVIEWS.

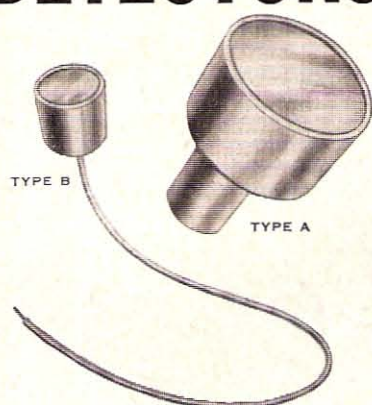
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- 26-2 History of Science (Cornell U.) Ithaca & Am. Philosophical Soc. (Philadelphia, Pa.): C. Doris Hellman, Cornell U., Ithaca, N. Y.
- 27-29 American Physical Society (Seattle); send abstracts by June 22 to H. A. Shugart, U. of Calif., Berkeley 4, Calif.: R. Geballe or B. Jacobsohn, U. of Wash., Seattle, Wash.
- 27-30 American Astronomical Society (Yale U.): H. Smith, Yale U. Observatory, New Haven, Conn.
- 27-1 Information Processing (Munich) spons'd by Internat'l Federation of Information Processing Soc.: C. W. Adams, 142 Great Road, Bedford, Mass. (See Nov. '61 PT, p. 95)
- 29-30 Thin Films (Denver) spons'd by U. of Denver Research Inst.; abstracts deadline Apr. 1: R. B. Feagin, U. of Denver Research Inst., Denver 10, Colo. (See Feb. PT, p. 86)
- 29-5 Electron Microscopy (Philadelphia) spons'd by Internat'l Federation of Electron Microscope Soc.: Congress for Electron Microscopy, 7701 Burholme Ave., Philadelphia 11, Pa.

September

- 3-7 Movements in the Vicinity of the Speed of Sound (Aachen): K. Oswaltisch, c/o Inst. für Theoretische Gasdynamik, Theaterstrasse 13, Aachen, Germany
- 7-12 Crystal Lattice Defects (Kyoto, Japan) spons'd by Physical Soc. of Japan: R. R. Hasiguti, U. of Tokyo, Bunkyo-ku, Tokyo, Japan (See June '61 PT, p. 90)
- 10-15 Molecular Structure & Spectroscopy, (Tokyo) spons'd by Internat'l Union of Pure & Applied Chemistry, Japanese learned socs.: Tokyo Secy., Sci. Foundation of Japan, Ueno Park, Tokyo, Japan
- 13-14 Advanced Gas-Cooled Reactor (London): Secy, British Nuclear Energy Conf., 1-7 Great George St., London, S.W. 1, England
- 16-22 Low Temperature Physics (London) spons'd by Internat'l Union of Pure & Applied Physics: LT-8, Queen Mary Col., U. of London, Mile End Rd., London, E. 1, England
- 17-20 Soc. of Exploration Geophysicists (Calgary, Alta., Canada): C. C. Campbell, Box 1536, Tulsa 1, Okla.
- 24-28 Union of German Physical Societies (Stuttgart): H. Franke, Gänseheide 15 A., Stuttgart O, Germany

October

- 4-6 Optical Society of America (Rochester, N. Y.): Mary Wurga, 1155 16th St., N.W., Washington 6, D. C.
- 10-12 Organic Crystals (Ottawa) spons'd by Canadian National Research Council; abstracts deadline June 1: Secretary, Organic Crystal Symp., NRC, Ottawa 2, Canada
- 10-12 Gaseous Electronics (Boulder) spons'd by Nat'l Bureau of Standards, American Physical Society; abstracts deadline Aug. 24: J. M. Richardson, NBS Labs, Boulder, Colo.
- 31-3 American Vacuum Society (Statler Hilton Hotel, Los Angeles): G. H. Bancroft, Consolidated Vacuum Corp., 1775 Mt. Read Blvd., Rochester 3, N. Y.

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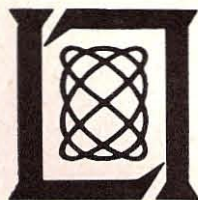
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November

- 7-10 **Acoustical Society of America** (Seattle); abstracts deadline Aug. 8: R. W. Kenworthy, U. of Wash., Seattle, Wash.
23-24 **American Physical Society** (Cleveland); abstracts deadline Sept. 21: K. K. Darrow, 538 W. 120 St., New York 27, N. Y.

December

- 26-29 **American Physical Society** (Stanford U.); abstracts deadline Oct. 19: H. A. Shugart, U. of Calif., Berkeley 4, Calif.
26-31 **Space Physics** (Philadelphia) sponsored by Am. Rocket Soc., Am. Assoc. for Advancement of Science; send abstracts by September 10 to B. Chifos, ARS: R. Hohl, ARS, 500 Fifth Ave., New York 36, N. Y.
? **American Astronomical Society** (U. of Arizona & Kitt Peak Nat'l Observatory, Tucson, Ariz.): H. Smith, Yale U. Observatory, New Haven, Conn.

1963

May

- 22-25 **Acoustical Society of America** (New York City): H. F. Olson, RCA Labs, Princeton, N. J.

June

- 10-14 **Molecular Structure and Spectroscopy** (Columbus), concurrent with Internat'l Union of Pure and Applied Physics, Internat'l Union of Pure and Applied Chemistry, and Internat'l Astronomical Union Triple Commission on Spectroscopy (Columbus): H. H. Nielsen, Ohio State U., Columbus 10, Ohio
17-20 **American Nuclear Society** (Cincinnati): ANS, 86 E. Randolph St., Chicago 1, Ill.

August

- 19-31 **Internat'l Union of Geodesy & Geophysics** (U. of Calif., Berkeley): D. K. Todd, U. of Calif., Berkeley, Calif. (See Dec. '61 PT, p. 88)
25-28 **Creep & Fracture** (Hotel Biltmore, NYC) sponsored by US & British Engineering Soc.; send abstracts by June 1 to K. Merckx, GE Corp., Richland, Wash.: N. L. Mochel, Westinghouse Corp., Lester Branch P. O., Philadelphia 13, Pa. (See Aug., '61 PT, p. 80)
26-30 **Rheology** (Brown U.) sponsored by **Society of Rheology**, Internat'l Committee on Rheology; send abstracts by Mar. 30, 1963, to E. H. Lee, Brown U.: R. S. Rivlin, Brown U., Providence 12, R. I. (See Oct. '61 PT, p. 88)
28-31 **Electron Microscope Society of America** (Denver): V. L. Breemen, Mercy Inst. for Biomedical Research, 2920 E. 16 Ave., Denver 6, Colo.

September

- 9-14 **International Union of Crystallography** (Rome): E. Onorato, Istituto di Mineralogia, Città Universitaria, Rome, Italy



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