

Calendar

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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.

new announcement

♦ change from previous listing

May 1965

- 1-13 Internal Conversion Process (Vanderbilt U.) spon's'd by Atomic Energy Commission, Nat'l Science Foundation, Internat'l Union of Pure and Applied Physics: J. H. Hamilton, Physics Dept., Vanderbilt U., Nashville, Tenn. (See Mar. PT, p. 115)
- 2-14 Instrumentation for High-Energy Physics (Purdue U.): L. Kowarski, Purdue U., Lafayette, Ind.
- 4-15 Theoretical Physics (Ohio State U.): R. L. Mills, Dept. of Physics, Ohio State U., Columbus, Ohio
- 6-21 Mass Spectrometry and Allied Topics (St. Louis, Mo.): H. M. Rosenstock, Nat'l Bureau of Standards, Washington, D.C.
- 7 Semiconductor Technology (San Francisco) spon's'd by American Inst. of Chemical Engrs: A. S. Grove, Solid-State Physics Dept., Fairchild Semiconductor, 4001 Junipero Serra Blvd., Palo Alto, Calif.
- 17-19 Application of Computing Methods to Reactor Problems (Argonne Nat'l Lab) spon's'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.
- 21-22 Surface Physics (Washington State U.): E. E. Donaldson, Physics Dept., Washington State U., Pullman, Wash.
- 31-4 Exchange Reactions (Brookhaven Nat'l Lab) spon's'd by the Internat'l Atomic Energy Agency: J. H. Kane, Internat'l Confs. Branch, Div. of Special Projects, Atomic Energy Commission, Washington, D.C.
- 8-12 Electron and Photon Interaction at High Energies (Hamburg) spon's'd by German Physical Soc: P. Stichel, c/o Deutsches Elektronen-Synchrotron (DESY), 2 Hamburg-Gross Flottbek 1, Notkestieg 1, Germany
- 9-11 Heat Flow Below 100°K and Its Technological Applications (Grenoble) spon's'd by Internat'l Inst. of Refrigeration Commission I, Société Air Liquide: Centre de Recherches sur les très basses Températures, BP 319, Grenoble, France (See Feb. PT, p. 91)
- 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)
- 13-23 Geophysical Theory and Computers (Rehovoth) spon's'd by the Internat'l Union of Geodesy and Geophysics: C. L. Pekeris, Applied Mathematics Dept., Weizmann Inst., Rehovoth, Israel
- 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, Atomics Internat'l, 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)

June 1965

- 2-5 Acoustical Society of America (Washington, D.C.): G. J. Franz, David Taylor Model Basin, Washington, D.C.
- 7-8 Environment-Sensitive Mechanical Behavior of Materials (Baltimore) spon's'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.
- 7-9 Rheology (Washington, D.C.) spon's'd by American Soc. of Mechanical Engrs: A. W. Marris, School of Engrg. Mechanics, Georgia Inst. of Technology, Atlanta, Ga. (See Mar. PT, p. 115)
- Communications (Boulder, Colo.) spon's'd by Inst. of Electrical and Electronics Engrs: W. R. Hinchman, IEEE Communications Convention, National Bureau of Standards, Boulder, Colo.
- 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; send abstracts by May 31 to H. Daoust, Chemistry Dept., U. de Montréal, PO Box 6128, Montreal, Quebec: 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.): abstracts deadline June 1: H. W. Schnopper, Lab of Atomic and Solid State Physics, Rockefeller Hall, Cornell U., Ithaca, N.Y.

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.

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)

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, Vorobyevskoe 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 May '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)

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19-23 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)

27-29 • Positron Annihilation (Wayne State U., Detroit) spons'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 High Pressure (Le Creusot, France): Prof. B. Vodar, CNRS, BP 30, Bellevue, Seine-et-Oise, France (See Jan. PT, p. 162)

Physics of Electronic and Atomic Collisions (Laval U., Quebec) spons'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.

9-10 • Photoelectric and Secondary Electron Emission (U. of Minn.) spons'd by Advisory Group on Electron Devices, U. of Minn.: W. T. Peria, Dept. of Electrical Engrs., 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.

Photonuclear Reactions (Tilton, N.H.): W. G. Parks, Dept. of Chemistry, U. of Rhode Island, Kingston, R.I.

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) spons'd by Nat'l Aeronautics and Space Administration: A. Temkin, GSFC, Greenbelt, Md.

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

16-20 Liquid Crystals (Kent, Ohio): G. H. Brown, Dept. of Chemistry, Kent State U., Kent, Ohio

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 '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 Socs., 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

2-4 American Physical Society (U. of Hawaii Physics Dept.): abstracts deadline May 28: K. K. Darrow, The American Physical Soc., Columbia U., 538 W. 120th St., New York 27, N.Y.

5-9 Luminescence (Munich) spons'd by the Internat'l Union of Pure and Applied Physics: N. Riehl, 8 Munich, Arcisstr. 21, Republic of Germany

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

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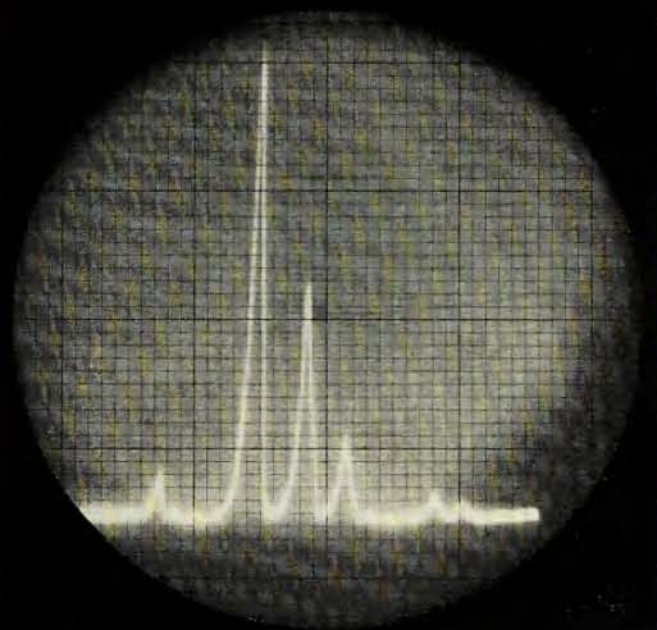
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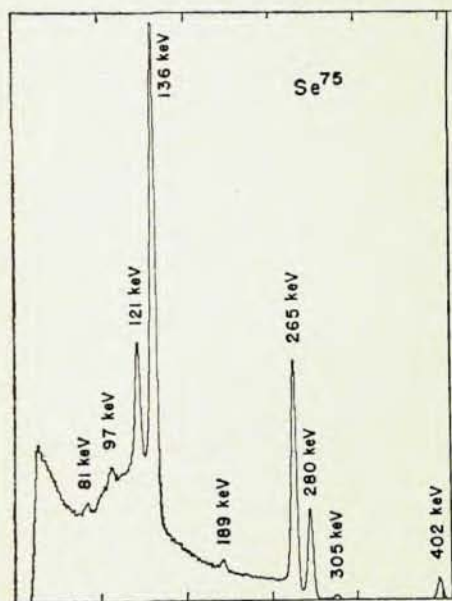
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5-10 Plasma Physics and Controlled Nuclear Fusion Research (England) spons'd by Internat'l Atomic Energy Agency: *J. H. Kane, Internat'l Confs. Branch, Div. of Special Projects, Atomic Energy Commission, Washington, D.C.* (See Mar. PT, p. 115)

5-11 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 Kleeft, Zeeman Laboratorium, der Universiteit van Amsterdam, Plantage Muidergracht 4, Amsterdam, Netherlands* (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)

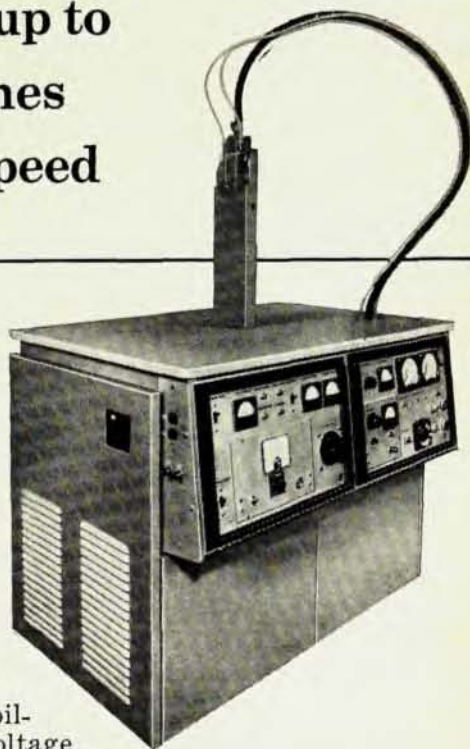
9-16 High-Energy Accelerators (Frascati): *L. Mezzetti, Laboratori Nazionali di Frascati, Casella postale 70, Frascati, Rome, Italy*

12-18 XVIth International Astronautical Congress (Athens) spons'd by the Internat'l Astronautical Federation: *IAF, 250 rue Saint-Jacques, Paris 5, France*

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. Abelès, 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)

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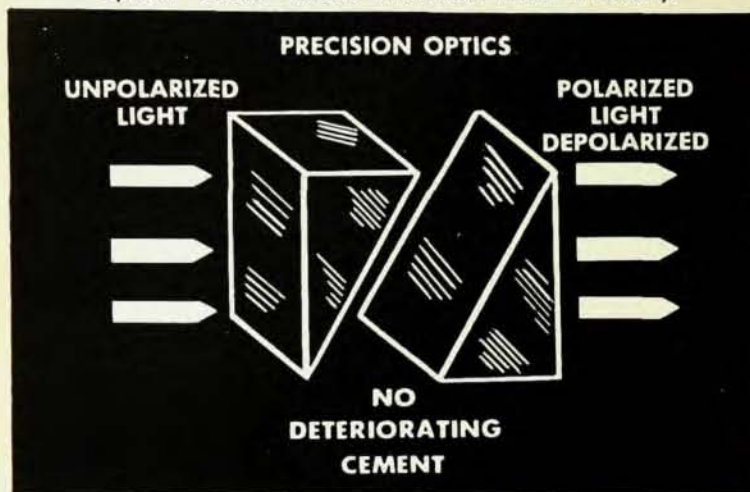
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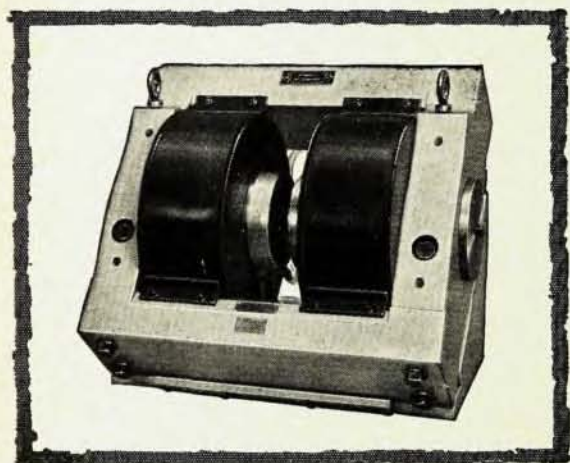
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- 19-25 Elementary Particles (Oxford) spons'd by Rutherford Lab: R. C. Pepperell, *Scientific Conference Secretariat, Rutherford High Energy Laboratory, Chilton, Didcot, Berkshire, England* (See Apr. PT, p. 111)
- 20 • Organic Solid State (Franklin Inst.): M. M. Labes, *Franklin Inst. Research Labs, Philadelphia 3, Pa.*
- 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*
- 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*
- 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*
- 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)
- 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.*
- 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*

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



Interpretation by William Thonson

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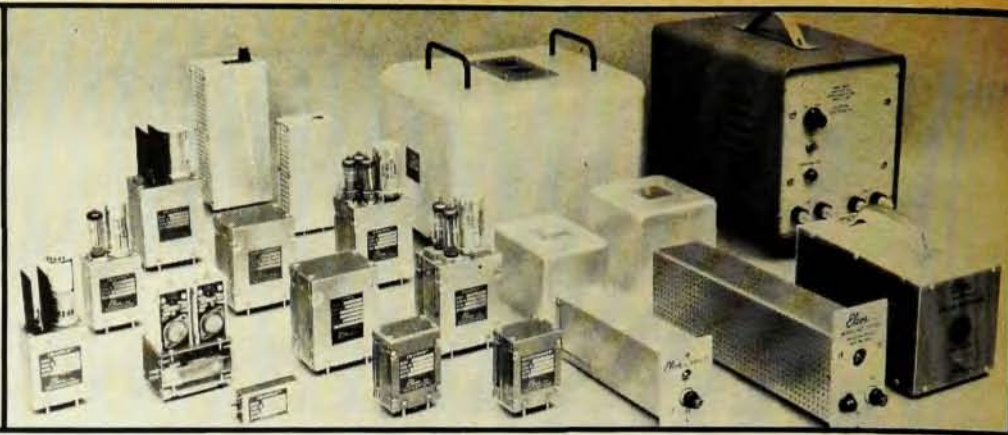
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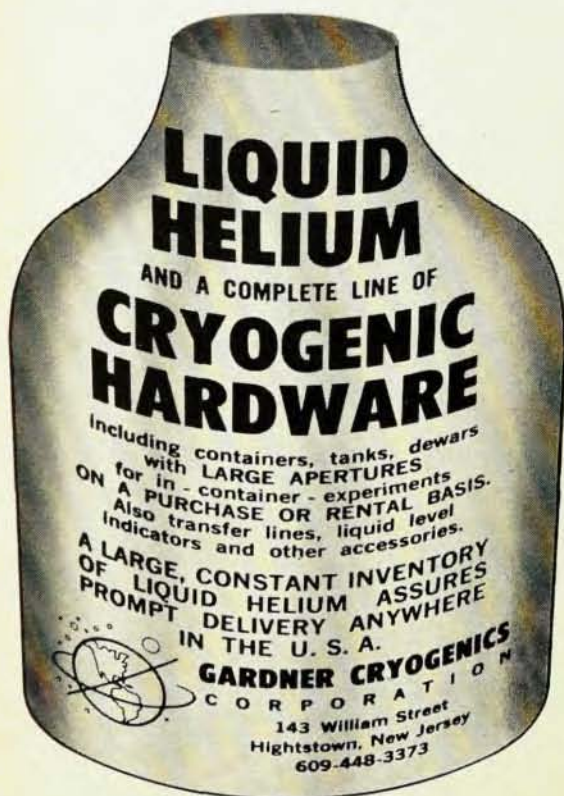


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- 9 **AAPT New England Section** (Orono, Me.): *J. G. Stipe, Boston U., Boston, Mass.*
- 11-13 **Color Centers in the Alkali Halides** (U. of Illinois) spons'd by Advanced Research Projects Agency, Nat'l Science Foundation, Atomic Energy Commission, Harshaw Chemical Co.; abstracts deadline June 1: *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. Harrer, 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.*
- 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; abstracts deadline May 15: *W. A. Mordy, Desert Research Inst., U. of Nevada, Reno, Nev.*
- 20-22 • **Gaseous Electronics** (Minneapolis), **APS Topical Conf.**, spons'd by U. of Minn., Honeywell, Inc.; abstracts deadline Sept. 3: *L. M. Chanin, Honeywell Research Center, 500 Washington Ave. S., Hopkins, Minn.*
- 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.*
- 3-6 **Acoustical Society of America** (St. Louis); abstracts deadline Aug. 4: *I. 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.*

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