

Calendar

Material for inclusion in the calendar and meeting sections should be received 6 weeks prior to the date of the issue in which it is to appear. Further information can be obtained by writing to the addresses indicated in parentheses.

June

- 18-21 **American Astronomical Society**, Nantucket (A. Hynek, *Smithsonian Astrophysical Observatory*, 60 Garden St., Cambridge 38, Mass.)
- 19-23 **Carbon Conf.**, biennial, spon's'd by Am. Carbon Comm. & Penn State U. at Penn State U. (D. S. Coleman, *Penn State U., University Park, Pa.*) (See Jan. PT, p. 110)
- 19-30 **Holloman Summer Scientific Seminars** on Astrophysics spon's'd by AF Missile Dev. Center & U. of N. M., in Cloudcroft (J. R. Foote, *P. O. Box 1053, Holloman AFB, N. M.*)
- 20-22 **Am. Meteorological Soc.** with AAAS Pacific Div., Davis, Calif. (K. C. Spengler, *45 Beacon St., Boston 8, Mass.*)
- 22-24 **American Physical Society**, U. of Mexico, Mexico City (K. K. Darrow, *538 W. 120 St., New York 27, N. Y.*)
- 27-29 **Analytical Astrodynamics**, internat'l symp. spon's'd by GE Space Sciences Lab & AFOSR Mechanics Div., Santa Barbara, Calif. (J. L. Gilbert, *AFOSR, Washington 25, D. C.*)
- 29-1 **American Association of Physics Teachers**, Stanford U., Palo Alto, Calif. (F. Verbrugge, *U. of Minnesota, Minneapolis 14, Minn.*)

July

- 5-8 **Impact of Transmission Electron Microscopy** on Theories of the Strength of Crystals, materials conf. spon's'd by Lawrence Rad. Lab, AEC, U. of Calif., in Berkeley (*University Extension, U. of Calif., Berkeley 4, Calif.*)
- 6-7 **Free Radicals**, internat'l symp., Uppsala (*Symp. Secretariat, c/o Inst. of Phys. Chem., Uppsala, Sweden*)
- 10-11 **Internal Friction**, conf. spon's'd by AEC & ARPA at Cornell U., Ithaca (P. Leurgans, *Cornell U., Ithaca, N. Y.*)
- 10-14 **Optical Instruments & Techniques** Conf., arranged by British Nat'l Comm. for Physics under auspices of Internat'l Commission for Optics, London (K. J. Habell, *Nat'l Physical Lab, Teddington, Middlesex, England*)
- 16-21 **Internat'l Conf. on Medical Electronics & Ann. Conf. on Electrical Techniques in Medicine & Biology** spon's'd by ISA, IFME, AIEE, IRE, at Waldorf-Astoria, NYC (J. T. Farrar, *Veterans Administration Hospital, 1st Ave. & 24 St., New York, N. Y.*) (See Feb. PT, p. 99)
- 27-1 **Macromolecular Chemistry**, internat'l symp., Queen Elizabeth Hotel, Montreal (*Organizing Comm., Internat'l Symp. on Macromolecular Chem., P. O. Box 816, Sarnia, Ont., Canada*) (See Nov. PT, p. 78 & May '61 PT, p. 86)
- 31-4 **Internat'l Congress of Biophysics**, Stockholm (B. Lindström, *Karolinska Institutet, Stockholm 60, Sweden*) (See Oct. '60 PT, p. 88)

- 31-4 **American Crystallographic Association**, U. of Colorado, Boulder (W. M. Macintyre, *U. of Colo., Boulder, Colo.*)
- 31-4 **Differential Equations & Nonlinear Mechanics Symp.** spon's'd by AFOSR & RIAS at AF Academy, Colorado Springs, Colo. (*OSR-RIAS Symp., Math. Dept., 7212 Bellona Ave., Baltimore 12, Md.*) (See Aug. '60 PT, p. 62)

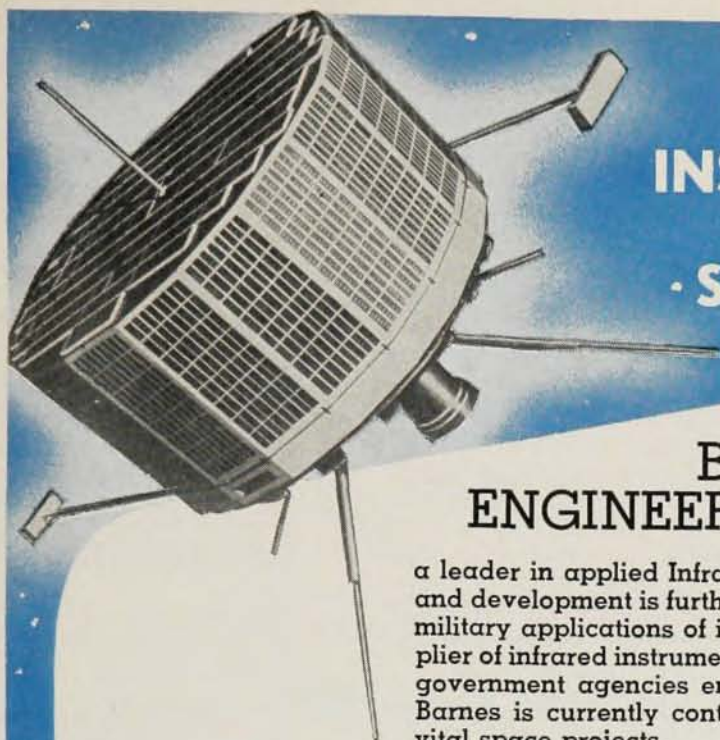
August

- 2-12 **Aug. 2-5, IUPAC Conf.** (R. Morf, *Hoffmann-Laroche, S.A., Grenzacherstr. 124, Basel 2, Switzerland*); **Aug. 6-12, Internat'l Congress of Pure & Applied Chem.** (L. Marion, *Nat'l Research Council, Ottawa 2, Ont., Canada*) & **High Temperature Chem. & Thermodynamics Symp.** (N. F. H. Bright, *NRC, Ottawa 2, Ont.*) in Montreal, Canada
- 6-26 **Nuclear Physics Summer Course** spon's'd by Italian Physical Soc., at Varenna (G. Polvani, *Via Saldini 50, Milan, Italy*)
- 7-9 **Space Age Astronomy**, internat'l symp. spon's'd by Douglas Aircraft Co., at Calif. Inst. of Technology, Pasadena (E. P. Wheaton, *Douglas Aircraft Co., Santa Monica, Calif.*)
- 14-17 **Internat'l Calorimetry Conf.**, Ottawa, Canada (J. E. Kunzler, *Bell Telephone Lab, Murray Hill, N. J.*)
- 14-19 **Radiation Symp.** spon's'd by Internat'l Assoc. of Meteorology & Atmospheric Physics, in Vienna, Austria (*World Meteorological Org., 1, av. de la Paix, Geneva, Switzerland*)
- 15-17 **Cryogenic Engineering Conf.** spon's'd by U. of Mich., in Ann Arbor (K. D. Timmerhaus, *U. of Colo., Boulder, Colo.*)
- 15-26 **Aug. 15-24, Internat'l Astronomical Union gen. assembly** in Berkeley & **Aug. 24-26, Symp. on The Solar Corona** at Sacramento Peak, Calif. (D. H. Sadler, *Royal Greenwich Observatory, Herstmonceux Castle, Sussex, England*)
- 16-18 **Hypersonics**, internat'l conf., Mass. Inst. of Technology, Cambridge, Mass. (R. Hohl, *Am. Rocket Soc., 500 Fifth Ave., New York 36, N. Y.*)
- 21-24 **Photoconductivity**, internat'l conf., spon's'd by IUPAP, APS, ONR, at Cornell U., Ithaca, N. Y. (A. R. Hutson, *Bell Telephone Labs, Murray Hill, N. J.*) (See Feb. PT, p. 99)
- 21-31 **New (Nonnuclear) Energy Sources**, UN conf. (A. G. Katsin, *United Nations, N. Y.*) and **Equipment & Services Exhibition (Rassegna Internazionale Elettronica, Via della Scrofa 14, Rome, Italy)** in Rome, Italy (See Mar. PT, p. 104)
- 23-25 **Gas Dynamics Symp.** spon's'd by Am. Rocket Soc. & Northwestern U. Gas Dynamics Lab at Northwestern U. (*Gas Dynamics Symp., Mech. Eng. Dept., Northwestern U., Evanston, Ill.*) (See Apr. PT, p. 90)

- 23-26 **Electron Microscope Soc. of Am.**, Pittsburgh Hilton Hotel, Pittsburgh, Pa. (A. R. Taylor, *Parke, Davis & Co., Detroit 32, Mich.*) (See Feb. PT, p. 101)
- 28-30 **University Use of Subcritical Assemblies**, ORINS symp. spon's'd by ANS, ORNL, AEC, in Gatlinburg (*Symp. Office, University Relations Div., Oak Ridge Inst. of Nuclear Studies, P. O. Box 117, Oak Ridge, Tenn.*) (See May '61 PT, p. 88)
- 28-31 **Chemical Physics of Nonmetallic Crystals**, internat'l symp. spon's'd by **APS Divs. of Chem. Phys. & Solid-State Phys.** and ACS Div. of Phys. Chem., at Northwestern U., Evanston (O. C. Simpson, *Argonne Nat'l Lab, 9700 S. Cass Ave., Argonne, Ill.*) (See Apr. PT, p. 90)
- 28-31 **Spectral Line Shape & Molecular Interactions Conf.**, Rehovoth (J. H. Jaffe, *Weizmann Inst., Rehovoth, Israel*)
- 28-1 **Ionization Phenomena in Gases**, internat'l conf., Munich (*Conf. Secretariat, P. O. Box 463, Munich 1, Germany*) (See Mar. PT, p. 106)
- 28-1 **Rockets & Astronautics**, internat'l symp., Tokyo (*Japanese Rocket Soc., 1-3, Ginza-Nishi, Chuo-Ku, Tokyo, Japan*)
- 28-2 **Mechanics of Turbulence**, internat'l colloq. spon's'd by Nat'l Sci. Res. Ctr., Marseilles (A. Favre, *Université, Marseilles, France*)
- 28-2 **Detonation Waves**, internat'l colloq. spon's'd by Nat'l Sci. Res. Ctr., Gif-sur-Yvette (G. M. Ribaud, *CNRS, 13, quai Anatole France, Paris 7, France*)

September

- 4-7 **Electric & Magnetic Properties of Thin Metallic Layers**, symp. spon's'd by IUPAP & Flemish Academy, Louvain (A. Van Isterbeek, *Naamsestraat, 61, Louvain, Belgium*) (See May '61 PT, p. 88)
- 4-8 **Plasma Physics & Controlled Nuclear Fusion Research**, IAEA Conf., Salzburg (*Internat'l Atomic Energy Agency, 11 Kärntner Ring, Vienna 1, Austria*) (See Apr. PT, p. 92)
- 4-8 **Rutherford Jubilee** spon's'd by IUPAP, Royal Soc., Inst. of Physics & Phys. Soc., U. of Manchester at Manchester, England (L. J. B. Goldfarb, *U. of Manchester, England*) (See Apr. PT, p. 92)
- 4-9 **Fundamental Problems in Turbulence & Their Relation to Geophysics**, internat'l symp. spon's'd by IUGG & IUTAM in Marseilles, by invitation (*IUGG, 53, av. de Breteuil, Paris 7, France*)
- 4-9 **Internat'l Conf. on Discovery of the Nucleus**, Manchester (*The Inst. of Physics & The Physical Soc., 47 Belgrave Sq., London S. W. 1, England*)
- 4-9 **Low-Energy Nuclear Physics**, internat'l IUPAP conf., Manchester (B. H. Flowers, *Manchester U., Manchester 13, England*)
- 4-15 **Internat'l Conf. on Cosmic Rays & The Earth Storm** spon's'd by IUGG, URSI, IAU, IUPAP, incl.: **Sept. 4-6, Internat'l Symp. on the Earth Storm** (R. Nagata, *Science Council of Japan, Ueno Park, Tokyo, Japan*); **Sept. 11-15, Internat'l Conf. on Cosmic Rays** (Y. Sekido, *Science Council of Japan, Ueno Park*); & **Sept. 7-9, joint sessions**, all in Kyoto, Japan
- 6-8 **Midwestern Conf. on Fluid Mechanics & Solid Mechanics**, Michigan State U. (J. E. Lay, *Michigan State U., East Lansing, Mich.*)



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1961

- 6-12 High Energy Accelerators, internat'l IUPAP conf., by invitation, Brookhaven Nat'l Lab & NYC (C. E. Falk, BNL, Upton, L. I., N. Y.)
- 11-16 Propagation of Shocks in Heterogeneous Media, internat'l colloq. spons'd by Nat'l Sci. Res. Ctr., Marseilles (T. Vogel, CRSI, 66, rue St-Sébastien, Marseilles, France)
- 11-21 Cloud Physics Conf., internat'l, spons'd by Australian Acad. of Sciences & CSIRO in Canberra & Sydney (E. G. Bowen, CSIRO, University Grounds, Sydney, Australia) (See Mar. PT, p. 108)
- 12-15 Mass Spectrometry Conf. spons'd by Mass Spectrometry Panel of British Inst. of Petroleum & ASTM Comm. E-14, Oxford (W. J. Brown, A. E. I. (Manchester) Ltd., Trafford Park, Manchester 17, England)
- 14-20 Aix-en-Provence Internat'l Conf. on Elementary Particles at Aix-en-Provence, France (Miss E. W. D. Steel, CERN, Geneva 23, Switzerland)
- 21-22 Radiospectroscopy of Solids Conf. spons'd by Inst. of Physics & Physical Soc. & British Radiospectroscopy Group, Bangor (E. R. Andrew, University Col. of N. Wales, Bangor, Caerns., Wales)
- 24-27 Rare Earth Conf. spons'd by U. of Denver Res. Inst. at Colo. Hotel, Greenwood Springs; submit mss. by June 1 to J. F. Nachman (J. F. Nachman, Denver Res. Inst., U. of Denver, Denver 10, Colo.) (See Apr. PT, p. 94)
- 25-30 Magnetism, internat'l IUPAP conf., & Electron & Neutron Diffraction, internat'l IUCr symp., Kaikan Assembly Center, Kyoto (T. Nagamiya, Science Council of Japan, Ueno Park, Tokyo, Japan) (See Oct. '60 PT, p. 90)
- 26-? Internat'l Atomic Energy Agency, gen'l conf., Vienna (IAEA, 11 Kärntner Ring, Vienna 1, Austria)
- 28-29 Internat'l Geophysics Assoc. Colloq., Salzburg (IGA, Freisaalasse 31, Salzburg, Austria)

October

- 3-5 Physics & Nondestructive Testing, symp. spons'd by Argonne Nat'l Lab at Argonne (W. J. McGonagle, ANL, 9700 S. Cass Ave., Argonne, Ill.)
- 9-13 Luminescence of Inorganic & Organic Systems, internat'l conf., New York U. (Grace M. Spruch, NYU, Washington Sq., New York 3, N. Y.) (See Apr. PT, p. 94)
- 10-12 Nuclear Reactor Chem. & Analytical Chem. in Nuclear Reactor Tech., confs. spons'd by Oak Ridge Nat'l Lab at Gatlinburg; send abstracts by July 15 att. W. R. Grimes (Nuc. React. Chem.) or C. D. Susano (Anal. Chem.) (W. R. Grimes or C. D. Susano, ORNL, P.O. Box X, Oak Ridge, Tenn.)
- 11-13 Gaseous Electronics Conf., ann., spons'd by APS Div. of Electron Physics at GE Research Lab, Schenectady (C. J. Gallagher, GE Research Lab, P. O. Box 1088, Schenectady, N. Y.)
- 16-20 Programming & Utilization of Res. Reactors, internat'l symp. spons'd by IAEA in Vienna, Austria (IAEA, Rm. 2249, UN Bldg., New York 17, N. Y.)
- 18-20 Optical Society of America, Biltmore Hotel, Los Angeles, Calif. (Mary Wurga, 1155 16th St., N. W., Washington 6, D. C.)
- 23-25 URSI-IRE fall mtg., U. of Tex., Austin (Helen E. Hart, URSI, 2101 Constitution Ave., N.W., Washington 25, D. C.)

- 23-26 Aero-Space Nuclear Propulsion, internat'l symp. spons'd by PGNS of IRE, AEC, NASA, in Las Vegas, Nev.; send abstracts by July 1 to P. M. Utke, U. of Calif., Box 808, Livermore, Calif. (D. J. Niehaus, IRE, 1 E. 79 St., New York 21, N. Y.) (See May '61 PT, p. 88)
- 23-27 Power Reactor Experiments & Tests, IAEA symp., Vienna (11 Kärntner Ring, Vienna 1, Austria)
- 28 AAPT Northern Calif. Section, Fresno State Col., Fresno (J. H. Ross, San Mateo Col., San Mateo, Calif.)
- 29-31 Photoelasticity, internat'l symp. spons'd by Ill. Inst. of Technology in Chicago (P. D. Flynn, Ill. Inst. of Technology, Chicago 16, Ill.)
- 30-1 Soc. of Rheology, ann. mtg., U. of Wis., Madison; send abstracts by Aug. 15 to E. A. Collins, B. F. Goodrich Chem. Co., Avon Lake, Ohio (J. D. Ferry, U. of Wis., Madison, Wis.)
- ? Midwest Solid-State Physics Conf., Argonne Nat'l Lab (O. C. Simpson, ANL, Argonne, Ill.)

November

- 1-3 High Magnetic Fields, internat'l conf., MIT, Cambridge (H. H. Kohn, Lincoln Lab MIT, Lexington 73, Mass.)
- 1-3 Experimental Mechanics, internat'l congress, NYC (R. Guernsey, Jr., GE Co., Schenectady 5, N. Y.)
- 6-8 Non-Linear Magnetics, ann. conf. spons'd by AIEE & IRE at Statler Hilton Hotel, Los Angeles (J. L. Martin, Arnold Eng. Co., 610 E. Palisade Ave., Englewood, N. J.)
- 9-11 Acoustical Society of America, Cincinnati & Dayton (D. W. Martin, Baldwin Piano Co., 1801 Gilbert Ave., Cincinnati 2, Ohio)
- 13-16 Magnetism & Magnetic Materials, ann. conf. spons'd by AIEE, AIP, ONR, IRE, Metallurg. Soc. of AIME, in Phoenix; send abstracts by Aug. 18 to P. B. Myers (P. B. Myers, Motorola, 5005 E. McDowell Rd., Phoenix, Ariz.)
- 4-16 Exploding Wire Phenomenon, internat'l conf., Boston (Thermal Radiation Lab, Geophysics Res. Directorate, AFRL, L. G. Hanscom Field, Mass.)
- 20-22 APS Division of Fluid Dynamics, Hotel Claremont, Berkeley; send abstracts by Oct. 9 to W. C. Griffith, Lockheed Missiles & Space Division, Palo Alto, Calif. (R. J. Emrich, Lehigh U., Bethlehem, Pa.)
- 24-25 American Physical Society, Chicago, Ill. (K. K. Darrow, 538 W. 120 St., New York 27, N. Y.)
- 27-1 Radiation Damage in Solids & Reactor Materials, IAEA symp., Vienna (IAEA, 11 Kärntner Ring, Vienna 1, Austria)
- 30-12 Purest Substances in Science and Technology, internat'l symp. spons'd by German Chem. Soc., Soc. of German Miners & Foundrymen, German Physical Soc., in Dresden (Sekretariat, Chemische Gesellschaft, Unter den Linden 68/70, Berlin W. 8, Germany)

December

- 4-8 Ionic Bombardment, internat'l colloq. spons'd by Nat'l Sci. Res. Ctr., Bellevue (J.-J. Trillat, U. de Paris, 47, rue des Ecoles, Paris 5, France)
- 27-30 American Astronomical Society, U. of Denver, Denver, Colo. (A. Hynek, Smithsonian Astrophysical Observatory, 60 Garden St., Cambridge 38, Mass.)

1962

April

- ? American Astronomical Society, Harvard Col. Observatory & Smithsonian Astrophysical Observatory, Cambridge (A. Hynek, SAO, 60 Garden St., Cambridge 38, Mass.)

June

- 18-21 Applied Mechanics, nat'l cong. spons'd by US Nat'l Comm. on Theoretical & Applied Mechanics, AICHE, AMS, APS, ASCE, ASME, IAS, SESA, in Berkeley; send mss. by Jan. 1 to R. M. Rosenberg, U. of Calif., Berkeley (W. Goldsmith, U. of Calif., Berkeley 4, Calif.)
- 25-30 Electromagnetic Theory & Antennas, internat'l symp. spons'd by URSI, Technical U. of Denmark, Danish Acad. of Technical Sci., in Copenhagen; send abstracts by Dec. 1 to Technical Program Comm., Øster Voldgade 10 G, Copenhagen (H. L. Knudsen, Øster Voldgade 10 G, Copenhagen K, Denmark) (See May '61 PT, p. 90)

July

- 25-28 50th Anniversary of the Discovery of X-Ray Diffraction & Crystal-Structure Analysis, Munich (F. Bopp, Inst. für theoretische Physik der U., Geschw. Scholl-Platz 1, Munich 22, Germany)
- ? Paramagnetic Resonance in Crystals, IUPAP conf., Hebrew U., Jerusalem (W. Low, Hebrew U. of Jerusalem, Jerusalem, Israel)

August

- 21-24 Far Infrared Spectroscopy, internat'l symp. spons'd by Wright Air Development Div. Materials Center, Sheraton-Gibson Hotel, Cincinnati (Office of Information, Wright Air Development Div., Wright-Patterson AFB, Ohio)
- 21-28 Internat'l Congress on Acoustics, Copenhagen (F. H. B. Interstav, Tekniske Højskole, Øster Voldgade 10, Copenhagen, Denmark) (See Dec. '60 PT, p. 80)
- 27-30 American Astronomical Society, Yale U., New Haven, Conn. (A. Hynek, Smithsonian Astrophysical Observatory, 60 Garden St., Cambridge 38, Mass.)
- 29-5 Internat'l Cong. of Electron Microscopy, Phila. (T. F. Anderson, Inst. for Cancer Res., Phila. 11, Pa.)

September

- 7-12 Crystal Lattice Defects, internat'l conf. spons'd by Physical Soc. of Japan, Kyoto (R. R. Hasiguti, U. of Tokyo, Bunkyo-ku, Tokyo, Japan)

December

- ? American Astronomical Society, U. of Ariz. & Kitt Peak Nat'l Observatory, Tucson, Ariz. (A. Hynek, Smithsonian Astrophysical Observatory, 60 Garden St., Cambridge 38, Mass.)

1963

August

- 25-28 Creep & Fracture, internat'l conf. spons'd by ASME, British IME, ASTM, at Hotel Biltmore, NYC; send abstracts by June 1 '62 from N. & S. Am., USSR, Jap. to K. Merckx, GE Corp., Richland, Wash.; from other countries to K. H. Platt, IME, 1 Birdcage Walk, London (N. L. Mochel, Westinghouse Corp., Lester Branch P.O., Phila. 13, Pa.)
- 26-30 Rheology, internat'l cong. at Brown U., Providence (R. S. Rivlin, Brown U., Providence, R. I.)

September

- 9-18 Internat'l Union of Crystallography, gen'l assembly, internat'l cong., & symp., Rome, Italy (W. H. Taylor, Cavendish Lab, Cambridge, England)