

Calendar

February

- 14 Physics Club of Chicago (Balloon Telescopy by J. A. Hynek), Younker's Restaurant, Chicago (E. L. Bussell, *The Welch Scientific Co.*, 1515 Sedgwick St., Chicago 10, Ill.)
- 15-17 Solid-State Circuits Conf., internat'l, spons'd by IRE, AIEE, U. of Pa., at U. of Pa. & Sheraton Hotel, Phila. (F. H. Blecher, *Bell Telephone Labs*, Murray Hill, N. J.) (See Sept. '60 PT, p. 76)
- 16-18 The Biophysical Soc., ann. mtg., Chase-Plaza Hotel, St. Louis (W. Sleator, *Washington U.*, St. Louis 10, Mo.)
- 20-25 Semiconductor Devices, internat'l symp. in connection with Internat'l Electronic Components Exhibition (Feb. 17-21), Paris (10 av. Pierre-Larousse, Mulakoff (Seine), France)
- 21 **OSA Rochester Sect.** (Lens Design Without Ray Tracing by M. Herzberger), Rochester Museum of Arts & Sciences (J. H. Altman, *Kodak Research Lab*, Rochester 4, N. Y.)
- 27-3 Pittsburgh Conf. on Analytical Chem. & Applied Spectroscopy and New Frontiers in Optics & Spectroscopy Symp., Pittsburgh (W. F. Harris, *Westinghouse Electric Corp.*, Pittsburgh 35, Pa.)

March

- 2-4 **Optical Society of America**, Pick-Roosevelt Hotel, Pittsburgh, Pa. (Mary Wurga, 1155 16th St., N. W., Washington 6, D. C.) (See Jan. PT, p. 108)
- 9-10 Engineering Aspects of Magnetohydrodynamics Symp. spons'd by AIEE, IAS, IRE, at U. of Pa., Philadelphia (N. W. Mather, *Project Matterhorn*, P. O. Box 451, Princeton, N. J.) (See Jan. PT, p. 108)
- 13 **OSA Rochester Sect.** joint mtg. with ACS Rochester Sect. (Dislocations in Ionic Crystals by J. J. Gilman), Rundel Library, Rochester (J. H. Altman, *Kodak Research Lab*, Rochester 4, N. Y.)
- 14 Physics Club of Chicago (Elementary Physics Education, panel discussion conducted by W. C. Kelly), Younker's Restaurant, Chicago (E. L. Bussell, *The Welch Scientific Co.*, 1515 Sedgwick St., Chicago 10, Ill.)
- 20-22 **American Physical Society**, US Naval Postgraduate School, Monterey (W. A. Nierenberg, U. of Calif., Berkeley 4, Calif.)
- 20-22 **APS Division of Solid-State Physics**, US Naval Postgraduate School, Monterey, Calif. (E. Burstein, U. of Pa., Philadelphia 4, Pa.)
- 20-23 Inst. of Radio Engineers, internat'l conv., Waldorf-Astoria Hotel & NY Coliseum, NYC (IRE, 1 East 79 St., New York 21, N. Y.)
- 21-23 **APS Division of High-Polymer Physics**, Monterey, Calif. (D. W. McCall, *Bell Telephone Labs*, Murray Hill, N. J.)

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.

- 23-24 Electron Beam Technology Symp. of Alloyed Electronics Corp., Boston (R. Bakish, 37 Cambridge Parkway, Cambridge 42, Mass.)
- 23-25 Quantum Electronics, internat'l conf. spons'd by ONR at Berkeley (J. R. Singer, U. of Calif., Berkeley 4, Calif.)
- 24-29 Nat'l Science Teachers Assoc. ann. conv., Hotel Sherman, Chicago, Ill. (NSTA, 1201 16th St., NW, Washington 6, D. C.)
- 27-31 Temperature—Its Measurement & Control in Science & Industry, nat'l symp. spons'd by AIP, ISA, NBS, Columbus, Ohio (C. M. Herzfeld, *Nat'l Bureau of Standards*, Washington 25, D. C.) (See July '60 PT, p. 74 & Jan. '61 PT, p. 108)
- 28-29 Nucleonics in Flight, symp. spons'd by ANS N. Tex. Sect. at Statler-Hilton Hotel, Dallas (E. L. Burkhard, *Convair*, Fort Worth, Tex.)

April

- 3-8 Problems of Scientific & Engineering Education, internat'l conf. (Apr. 3-6), plenary session (Apr. 7), discussion panels (Apr. 8) at Mass. Inst. of Technology (MIT, Cambridge 39, Mass.)
- 4-6 Electromagnetics & Fluid Dynamics of Gaseous Plasma, Polytechnic Inst. of B'klyn symp. spons'd by IRE, IAS, US Defense Research Agencies at Engineering Soc. Bldg., NYC (M. Bloom, PIB, 55 Johnson St., B'klyn 1, N. Y.) (See Dec. '60 PT, p. 79)
- 5-7 Materials & Electron Device Processing Symp. spons'd by ASTM Comm. F-1 on Materials for Electron Tubes & Semiconductor Devices at Benj. Franklin Hotel, Phila. (Am. Soc. for Testing Materials, 1916 Race St., Phila. 3, Pa.) (See Nov. PT, p. 76)
- 10-11 The Combustion Inst. Western States Sect., Aeronautic, Newport Beach (G. S. Bahn, 16902 Bollinger Dr., Pacific Palisades, Calif.)
- 10-12 Inter-Society Color Council, ann. mtg., Sheraton Hotel, Rochester (R. M. Evans, B-65, *Eastman Kodak Co.*, Rochester 4, N. Y.)
- 11-13 Ultrapurification of Semiconductor Materials Conf., New England Mutual Hall, Boston (*Electronics Research Directorate*, L. G. Hanscom Field, Bedford, Mass.) (See Jan. PT, p. 108)
- 14-15 **APS New York State Section** mtg. on A Survey of Amplification Methods Using Energy Levels in Atoms in Molecules, LeMoyne Coll., Syracuse (O. E. Miller, B-65, 1669 Lake Ave., Rochester 4, N. Y.)
- 15-24 Photography, Cinematography, & Optics, internat'l biennial, Paris (J. d'Autrevaux, *Syndicat Général d'Industrie Photo & Cinéma*, 94 rue de Rennes, Paris 6, France)
- 18-19 Organic Semiconductors, conf. spons'd by Armour Research Found. & Electronics mag., at Morrison Hotel, Chicago (J. J. Brophy, ARF, 10 W. 35 St., Chicago 16, Ill.)

- 18-20 Chemical Reactions in the Lower & Upper Atmosphere Symp. spons'd by Stanford Research Inst., at Mark Hopkins Hotel, San Francisco (R. D. Cadle, SRI, Menlo Park, Calif.) (See Aug. '60 PT, p. 62)
- 20-21 British Soc. of Rheology mtg. on Theoretical Rheology, Reading, England (M. F. Culpin, 8 The Broadway, Pontypool, Monmouth, Wales)
- 21-22 **APS Ohio Sect.**, U. of Cincinnati, Cincinnati (L. E. Smith, *Denison U.*, Granville, Ohio)
- 24-26 Nat'l Academy of Sciences, ann. mtg., Washington, D. C. (NAS, 2101 Constitution Ave., Washington 25, D. C.)
- 24-27 **American Physical Society**, Sheraton-Park Hotel, Washington, D. C. (K. K. Darrow, 538 W. 120 St., New York 27, N. Y.)
- 30-4 Nat'l Aero-Space Instrumentation Symp., Adolphus Hotel, Dallas (W. J. Gabriel, *Convair Div.*, General Dynamics Corp., Ft. Worth, Tex.)

May

- 6 Graph Theory Workshop, U. of Ill., Urbana (M. E. Van Valkenburg, U. of Ill., Urbana, Ill.)
- 8-9 Topology in Circuit Theory, 5th Midwest Symp. at Allerton Pk. in Monticello, & U. of Ill. in Urbana (M. E. Van Valkenburg, U. of Ill., Urbana, Ill.) (See May '60 PT, p. 73)
- 8-10 Nat'l Aerospace Electronics Conf. (NAECON), Biltmore & Miami Hotels, Dayton (Inst. of Radio Engineers, 1 E. 79 St., New York 21, N. Y.)
- 11-13 **Acoustical Society of America**, Bellevue-Stratford Hotel, Philadelphia, Pa. (M. E. Hawley, RCA, Moorestown, N. J.)
- 22-24 Nat'l Telemetering Conf. spons'd by AIEE, ARS, IAS, IRE, ISA at Sheraton Towers Hotel, Chicago, Ill. (J. Becker, Dept. 32-29, AC Spark Plug Div., General Motors Corp., Milwaukee 1, Wisc.)
- 22-24 Global Communications, nat'l symp. spons'd by AIEE & PGCS of IRE, Hotel Sherman, Chicago (D. C. Campbell, ITT-Kellogg, 5959 S. Harlem Ave., Chicago 38, Ill.)
- 23-25 Large Capacity Memory Techniques for Computing Systems, symp. spons'd by ONR Information Systems Branch, in Dept. of Interior Auditorium, Washington, D. C. (Miss J. Leno, Code 430A, Office of Naval Research, Washington 25, D. C.)
- 29-2 Effects of Ionizing Radiation at the Molecular Level, IAEA symp., Brno, Czechoslovakia (*Internat'l Atomic Energy Agency*, 11 Kärntner Ring, Vienna 1, Austria)
- 29-2 Property Changes in Reactor Materials & Radiation Damage Conf., Bristol (A. T. Churchman, *Berkeley Nuclear Labs*, 7 St. Stephen's Ave., Bristol 1, England)
- ? Biophysical Cong., 1st, Tatranská Lomnica (V. Slouka, *Czechoslovak Medical Soc.*, Juan Evangelista, Biophys. Sect., Prague, Czechoslovakia)

June

- 4-9 ASTM Comm. E-14 on Mass Spectrometry, Chicago, Ill. (G. Crable, *Gulf Research Center*, P. O. Box 2038, Pittsburgh 30, Pa.) (See Dec. '60 PT, p. 80)
- 5-10 Spectroscopy, internat'l conf., Lyons (Groupement pour l'Avancement des Méthodes Spectrographiques, 1 rue Gaston-Boissier, Paris 15, France)
- 7-10 Canadian Assoc. of Physicists, ann. cong., Sir George Williams U., Montreal (G. D. Scott, U. of Toronto, Toronto 5, Ont., Canada)

1961

- 12-15 Physics of Electronic & Atomic Collisions, internat'l conf., U. of Colo., Boulder (B. Bederson, New York U., New York 53, N. Y.) (See July '60 PT, p. 75)
- 12-16 Molecular Structure & Spectroscopy Symp., Dept. of Physics & Astronomy, Ohio State U. (R. A. Oetjen, Ohio State U., Columbus 10, Ohio)
- 13-16 Gas Chromatography Symp., biennial internat'l, Kellogg Center, Mich. State U., E. Lansing, Mich. (H. J. Noebels, ISA, 313 Sixth Ave., Pittsburgh 22, Pa.)
- 14-16 Semiconducting Compounds Conf. spons'd by AFOSR & GE Research Lab at GE Research Lab, Schenectady (H. Ehrenreich, GE Research Lab, P. O. Box 1088, Schenectady, N. Y.)
- 18-21 American Astronomical Society, Nantucket (A. Hynek, Smithsonian Astrophysical Observatory, 60 Garden St., Cambridge 38, Mass.)
- 19-23 Carbon Conf., biennial, spons'd by Am. Carbon Comm. & Penn State U. at Penn State U. (5th Carbon Conf., Penn State U. Conf. Center, University Park, Pa.) (See Jan. PT, p. 110)
- 20-22 Am. Meteorological Soc. with AAAS Pacific Div., Davis, Calif. (K. C. Spengler, 45 Beacon St., Boston 8, Mass.)
- 20-24 Vacuum Techniques, internat'l cong., Paris (P. Fleury, Institut d'Optique, 3 blvd. Pasteur, Paris 15, France)
- 22-24 American Physical Society, U. of Mexico, Mexico City (K. K. Darroze, 538 W. 120 St., New York 27, N. Y.)
- 25-1 Internat'l Measurements & Instruments Conf., Budapest (IMEKO Secretariat, P. O. Box 3, Budapest 5, Hungary)
- 26-27 Vacuum Metallurgy, ann. conf. spons'd by Am. Vacuum Soc. & New York U. at NYU University Heights Campus; send abstracts by Feb. 15 to R. F. Bunshah (R. F. Bunshah, NYU, New York 53, N. Y.)
- 26-28 European Symp. on Space Technology, at Federation of British Industries, London (British Interplanetary Soc., 12 Bessborough Gardens, London S. W. 1, England)
- 26-28 Military Electronics Conv. spons'd by PGME of IRE, Shoreham Hotel, Washington, D. C. (C. De Vore, 3224 16th St., N. W., Washington 10, D. C.)
- 26-30 Soc. of Physical Chemistry, ann. mtg., Col de Voza, Haute-Savoie (G. Emschwiller, Soc. de Chimie Physique, 10, rue Vauquelin, Paris 5, France)
- 29-1 American Association of Physics Teachers, Stanford U., Palo Alto, Calif. (F. Verbrugge, U. of Minnesota, Minneapolis 14, Minn.)

July

- 5-8 Optical Materials, Internat'l Comm. for Optics mtg., Paris (A. Mavéchal, Institut d'Optique, 3 blvd. Pasteur, Paris 15, France) (See Jan. PT, p. 110)
- 6-7 Free Radicals, internat'l symp., Uppsala (Symp. Secretariat, c/o Inst. of Phys. Chem., Uppsala, Sweden)
- 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)

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1961

- 16-21 Internat'l Conf. on Medical Electronics & Ann. Conf. on Electrical Techniques in Medicine & Biology, Waldorf-Astoria, NYC; send abstracts by Apr. 1 to H. P. Schwan, U. of Pa., Phila. 4, Pa. (J. T. Farrar, Veterans Administration Hospital, 1st Ave. & 24 St., New York, N. Y.)
- 18-21 Inorganic Polymers, internat'l symp., Nottingham (Gen. Sec'y, Chemical Soc., Burlington House, London W. 1, England)
- 27-31 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)
- 31-4 Am. Crystallographic Assoc., U. of Colorado, Boulder (W. M. Macintyre, U. of Colo., Boulder, Colo.)
- 31-4 Internat'l Congress of Biophysics, Stockholm (B. Lindström, Karolinska Institutet, Stockholm 60, Sweden) (See Oct. '60 PT, p. 88)
- 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)
- 14-17 Internat'l Calorimetry Conf., Ottawa, Canada (J. E. Kunzler, Bell Telephone Labs, Murray Hill, N. J.)
- 15-24 Internat'l Astronomical Union, Berkeley, 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.; send abstracts by March 31 to A. R. Hutson (A. R. Hutson, Bell Telephone Labs, Murray Hill, N. J.)
- 21-6 Pacific Science Cong., Honolulu (Secy. Gen., 10th Pacific Science Cong., Bishop Museum, Honolulu 7, Hawaii)
- 22-25 Western Electronic Show & Convention (WESCON), Cow Palace, San Francisco; send abstracts by May 1 to E. W. Herold (E. W. Herold, 701 Welch Rd., Palo Alto, Calif.)
- 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.)
- 23-26 Electron Microscope Soc. of Am., Pittsburgh Hilton Hotel, Pittsburgh, Pa.; send abstracts by May 1 to A. R. Taylor (A. R. Taylor, Parke, Davis & Co., Detroit 32, Mich.)
- 28-31 Spectral Line Shape & Molecular Interactions Conf., Rehovoth (J. H. Jaffe, Weizmann Inst., Rehovoth, Israel)

- 28-31 Ionization Phenomena in Gases, internat'l conf., Munich (Conf. Secretariat, P. O. Box 463, Munich 1, Germany)
- 28-31 Internat'l Heat Transfer Conf., Boulder, Colo. (S. P. Kezios, ASME, 29 W. 39 St., New York 18, N. Y.)

September

- 4-8 Plasma Physics & Controlled Nuclear Fusion Research, IAEA Conf., Vienna (Internat'l Atomic Energy Agency, 11 Körntner Ring, Vienna 1, Austria)
- 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)
- 6-8 Midwestern Conf. on Fluid Mechanics & Solid Mechanics, Michigan State U. (J. E. Lay, Michigan State U., East Lansing, Mich.)
- 6-8 Transmission & Processing of Information, internat'l symp. spon's'd by PGIT of IRE & Mass. Inst. of Technology Center of Communication Sciences at MIT (P. Elias, Research Lab. of Electronics, MIT, Cambridge 39, Mass.) (See Nov. '60 PT, p. 78)
- 6-8 Nuclear Instrumentation Symp. spon's'd by ISA, AIEE, IRE at N. C. State Col., Raleigh, N. C. (Migs. Manager, Instrument Soc. of Am., 313 Sixth Ave., Pittsburgh 22, Pa.)
- 11-21 Cloud Physics Conf., internat'l, spon's'd by Australian Acad. of Sciences & CSIRO in Canberra & Sydney (E. G. Bowen, CSIRO, University Grounds, Sydney, Australia)
- late 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)

October

- 11-13 Gaseous Electronics Conf., ann., spon's'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.)
- 16-19 Vacuum Technology Cong., Sheraton-Park Hotel, Washington, D. C.; submit abstracts by April 1 to L. E. Preuss (L. E. Preuss, Edsel B. Ford Inst. for Medical Research, Detroit 2, Mich.)
- 18-20 Optical Society of America, Biltmore Hotel, Los Angeles, Calif. (Mary Wurga, 1155 16th St., N. W., Washington 6, D. C.)
- 29-31 Photoelasticity, internat'l symp., Ill. Inst. of Technology (P. D. Flynn, Ill. Inst. of Technology, Chicago 16, Ill.)

November

- 1-3 High Magnetic Fields, internat'l conf., MIT, Cambridge (H. H. Kolm, Lincoln Lab MIT, Lexington 73, Mass.)
- 1-3 Experimental Mechanics, internat'l congress, NYC (R. Guernsey, Jr., GE Co., Schenectady 5, N. Y.)
- 9-11 Acoustical Society of America, Cincinnati & Dayton (D. W. Martin, Baldwin Piano Co., 1801 Gilbert Ave., Cincinnati 2, Ohio)
- 24-25 American Physical Society, Chicago, Ill. (K. K. Darrow, 538 W. 120 St., New York 27, N. Y.)