

CALENDAR

Mechanics

The third Southeastern Conference on Theoretical and Applied Mechanics will be held on 31 March and 1 April at the University of South Carolina. A partial list of topics to be discussed includes viscoelasticity, plates and shells, wave propagation, kinematic synthesis, vibrations, nonlinear mechanics, boundary-layer phenomena, compressible flow, experimental mechanics, anisotropy, creep, stability, thermoelasticity, plasticity, viscous flow and vortex flow.

Copies of the complete program and other details can be obtained by writing to Prof. J. D. Waugh, University of South Carolina, Columbia, S.C.

Environmental sensing

Potential remote-sensing techniques for earth-science research will be the topic of a symposium to be held from 12 to 14 April at the University of Michigan. The meeting will be sponsored by the Air Force Cambridge Research Laboratories and the Office of Naval Research. Discussions will cover the design of sensors and vehicles, needs for remote-sensing techniques, analysis of data and limits in the use of remote sensors. Additional information can be gotten from C. E. Molineaux, Terrestrial Sciences Laboratory, AFCRL, Hanscom Field, Bedford, Mass.

Radiation measurement

Physical principles underlying the measurement of nuclear radiation will be the topic of a conference to be held 12 to 16 Sept. in Berkeley, England. Sponsored by the Berkeley Nuclear Laboratories of the Central Electricity Board, in collaboration with the Institute of Physics and the Physical Society, the meeting will consider the role of nuclear radiation measurements in a nuclear power program, measurement of neutron energy distributions in mixed radiation fields, measurement of gamma radiation,

measurement of charged particles, absolute measurements, nuclear data, and data handling and processing. Simultaneous translation facilities will be available for English, French and Russian.

Outlines of contributed papers, 250 to 350 words, should be sent by 30 April to K. F. Orton, C.E.G.B. Berkeley Nuclear Laboratories, Berkeley, Gloucestershire. Attendance is restricted, and invitations must be requested from the Meetings Officer, The Institute of Physics and The Physical Society, 47 Belgrave Square, London, SW 1, England.

Materials

Trace characterization, chemical and physical, is the topic of a symposium to be held from 3 to 7 Oct. at the recently opened laboratories of the National Bureau of Standards' Institute for Materials Research in Gaithersburg, Md. Intended to improve the effectiveness of materials research, the meeting will consider both chemical and physical characterization of materials with particular emphasis on the detection and determination of trace amounts of defects and "foreign" substances. The program will encompass the following general techniques: electrical, spectroscopic, x-ray diffraction, optical, electrochemical, nuclear, resonance, mass spectroscopy, electrical and optical microscopy, and sample preparation, preconcentration, handling, reagents etc.

Authors of contributed papers should send titles and three-hundred-word abstracts by 1 May to Bourden F. Scribner, Technical Program Chairman, Institute for Materials Research, National Bureau of Standards, Washington, D.C. 20234.

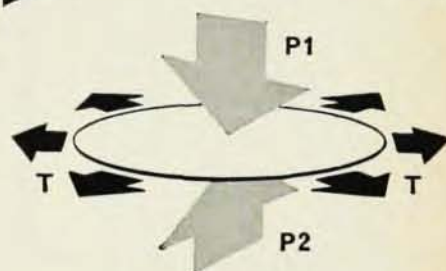
Later, more detailed, announcements of the symposium can be obtained from Roger C. Bates, also at IMR.

Conjugate points

A symposium on conjugate-point phenomena will be held at Boulder, Colo.,

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from 13 to 16 June 1967. The symposium will be sponsored by the High Altitude Laboratory of the National Center for Atmospheric Research and by the Institute for Telecommunication Sciences and Aeronomy of the Environmental Science Services Administration.

The program schedules discussion of the magnetospheric environment, steady-state and disturbed; waves and particles guided by the earth's dipole field; ionospheric changes caused by precipitating particles at conjugate field sites; and contributed papers on the results of recent relevant research programs. Inquiries should be directed to the Aeronomy Laboratory (540.03), ESSA-ITSA, Boulder, Colo. 80302.

Rare earths

Theoretical and experimental work on the physics of rare earths and their alloys and compounds will be discussed at an Institute of Physics and Physical Society conference to be held 5 to 7 Sept. at the University of Durham, England. The program will also include some discussion of metallurgical problems. Five-hundred-word abstracts of contributions should be sent by 24 June to Dr. W. D. Corner, Physics Department, South Road, Durham. Details and application forms will be available in April from the Meetings Officer, The Institute of Physics and The Physical Society, 47 Belgrave Square, London, SW 1, England.

Nuclei and particles

England's Institute of Physics and Physical Society is organizing a conference on nuclear and particle physics to be held from 21 to 23 Sept. at the University of Glasgow. Plenary and parallel sessions are expected to cover Coulomb excitation in medium and heavy nuclei, nuclear photoeffects at high energies, nuclear structure and electron scattering, nuclear beta decay, strange-particle weak decay, the strong-interactions peripheral model, and resonances and symmetry schemes.

These topics will be reviewed in invited papers by specialists in the field. Abstracts of contributed papers must be sent by 30 June to Dr.

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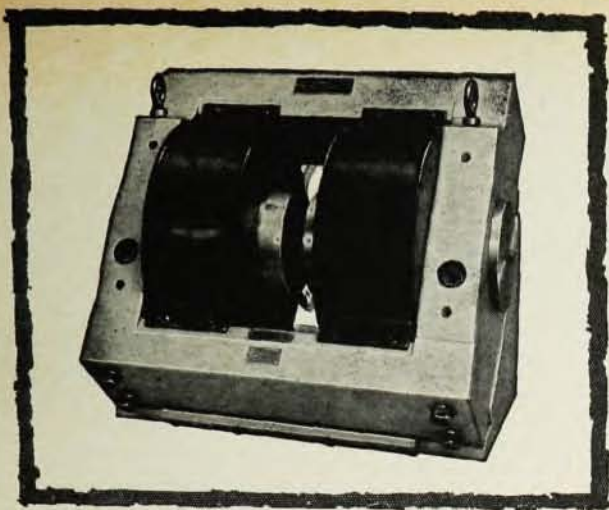
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N. MacDonald (nuclear physics) or Dr. I. S. Hughes (particle physics), Department of Natural Philosophy, The University, Glasgow W 2, Scotland.

Application forms, further details, and instructions regarding the preparation of abstracts will be available in April from the Meetings Officer, The Institute of Physics and The Physical Society, 47 Belgrave Square, London SW 1, England.

Statistical mechanics

The International Union of Pure and Applied Physics will hold its next symposium on statistical mechanics and thermodynamics from 11 to 16 July at the H. C. Oersted Institute in Copenhagen. Present plans call for one session on exact results in connection with ergodic theory and the question of convergence of the virial expansion and one session on quasiparticles in dissipative systems. Some discussion of the existence of the density expansion for transport coefficients is also possible.

Inquiries on scientific matters should be sent to Thor A. Bak, H. C. Oersted Institute, Universitetsparken 5, Copenhagen, Ø, Denmark; other inquiries should be directed to DIS Congress Service, Skindergade 36, Copenhagen K.

Fast reactors

Argonne National Laboratory and the Atomic Energy Commission are sponsoring the third annual topical conference on fast reactors, to be held 10 to 13 Oct. in Argonne, Ill. This year's conference, on fast critical experiments and their analysis, will consist primarily of contributed papers. Appropriate topics include recent cross-section measurements of unusual interest, evaluations of fast-neutron cross sections, new theoretical methods for evaluation of measurements on fast critical experiments, recent experimental results, significant analytical and computational results, correlations of critical experiments and computational analyses, new experimental techniques, major fast-reactor physics programs and significant experimental physics results from fast reactors

operating at power, including their comparison with predictions based on mockup experiments.

Attendance at this conference will be limited. Further details can be obtained from W. C. Redman, Argonne National Laboratory, Argonne, Ill.

Gases and surfaces

Incident particles that are gaseous neutral species with energies below 10 eV, and their interaction with well-defined crystalline (but not necessarily clean) surfaces, will be the topic of a symposium to be held 14 to 16 Dec. in San Diego. Jointly sponsored by the Air Force Office of Scientific Research and the General Atomic Division of General Dynamics Corporation, the meeting will deal with the results of theoretical and experimental investigations of surfaces and their characteristics, adsorption and reaction of gases on or with surfaces, and scattering processes, including energy and momentum transfer at the gas-surface interface. The deadline for abstracts is 1 Sept.

Additional information can be obtained from Howard Saltsburg, General Dynamics/General Atomic, PO Box 608, San Diego, Calif. 92112.

Spectroscopy

Ohio State University's department of physics has announced that it will hold its next annual symposium on molecular structure and spectroscopy from 6 to 10 Sept. This will be the twentieth such symposium.

The program will cover both interpretation of molecular spectroscopic data and means for obtaining them. Some sessions will be devoted to other currently interesting phases of spectroscopy. For further information, or a copy of the program when it becomes available, write to Prof. K. Narahari Rao, Molecular Spectroscopy Symposium, Department of Physics, The Ohio State University, 174 West 18th Avenue, Columbus, Ohio 43210.

Crystals

Energy-transfer processes in crystals is the topic of the first of a proposed series of symposia on the physics and



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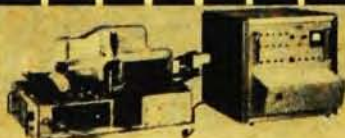
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chemistry of excited materials to be organized by the physics and chemistry departments of the University of North Carolina. The first symposium will be held on 4 Oct. and will consist of four one-hour invited papers. The authors will be John Hopfield of Princeton, Zolton Kiss of RCA, M. A. El-Sayed of UCLA and S. I. Choi of North Carolina.

Details and registration forms can be obtained from R. C. Jarnagin, Chemistry Department, University of North Carolina, Chapel Hill, N.C., 27514.

Current Listings

- new announcement
- ♦ change from previous listing

March 1966

- 28-31 **American Physical Society** (Durham, N.C.): K. K. Darrow, *The American Physical Soc.*, 538 W. 120th St., New York 27, N.Y.

Physics Exhibition (London) spons'd by Inst. of Physics and Physical Soc.: *Meetings Officer, IPPS, 47 Belgrave Sq., London SW 1, England*

- 29-1 Ultraviolet and X-Ray Spectroscopy of Laboratory and Astrophysical Plasmas (Culham Lab) spons'd by Inst. of Physics and Physical Soc.: *Meetings Officer, IPPS, 47 Belgrave Sq., London SW 1, England* (See Oct. PT, p. 122)

- 30-1 **American Astronomical Society** (Hampton, Va.): G. C. McVittie, *Secretary, U. of Illinois Observatory, Urbana, Ill.*

Nuclear and Particle Physics (U. of Oxford) spons'd by Inst. of Physics and Physical Soc.: *Meetings Officer, IPPS, 47 Belgrave Sq., London SW 1, England* (See Oct. PT, p. 122)

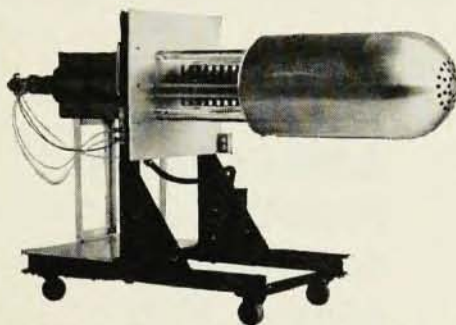
Engineering Aspects of Magneto-hydrodynamics (Princeton U.) spons'd by American Soc. of Mechanical Engrs., Inst. of Electrical and Electronics Engrs., American Inst. of Aeronautics and Astronautics, Princeton U: G. Jahn, *Guggenheim Labs, Forrestal Research Center, Princeton, N.J.*

- 31, 1 Theoretical and Applied Mechanics (U. of South Carolina): J. D. Waugh, *U. of South Carolina, Columbia, S.C.* (See p. 113, this issue)

April 1966

- 4-7 Scattering, Nonlinear Optics, and Electromagneto-optics (U. of York) spons'd by Inst. of Physics and Physical Soc.: *Meetings Officer, IPPS, 47 Belgrave Sq., London, SW 1, England* (See Feb. PT, p. 104)

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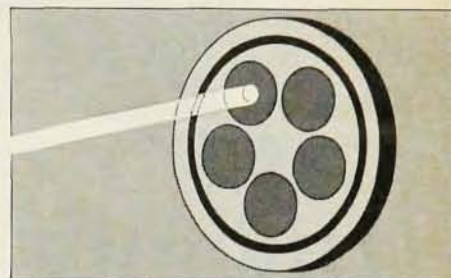
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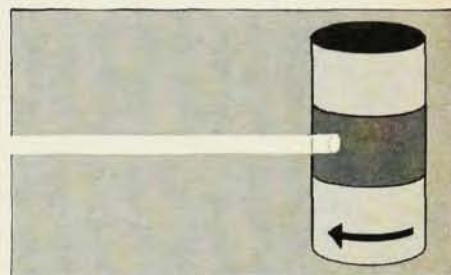
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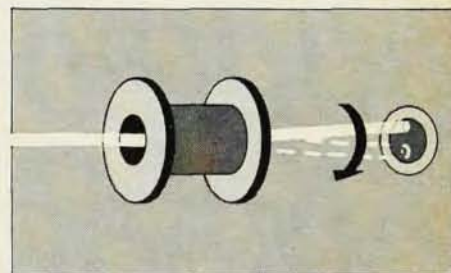
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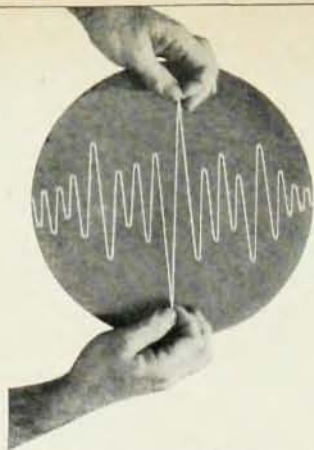
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6, 7 Phonons (U. of Edinburgh) spons'd by Inst. of Physics and Physical Soc.; *Meetings Officer*, IPPS, 47 Belgrave Sq., London SW 1, England (See Sept. PT, p. 117)

6-8 Electron and Laser Beam Technology (Ann Arbor, Mich.) spons'd by U. of Mich., Inst. of Electrical and Electronics Engineers: J. E. Rowe, U. of Michigan, Ann Arbor, Mich. (See Jan. PT, p. 158)

8, 9 APS New England Section (Brown U.): A. M. Russell, Scott Lab, Wesleyan U., Middletown, Conn.

9 • AAPT Oregon Section (Oregon State U.): D. Wells, Physics Dept., U. of Oregon, Eugene, Ore.

11-15 Aeronomic Studies of the Lower Ionosphere (Ottawa) spons'd by Air Force Cambridge Research Labs, Canadian Defense Research Telecommunications Establishment: W. Pfister, Upper Atmosphere Physics Lab, AFCRL, L. G. Hanscom Field, Bedford, Mass. (See Jan. PT, p. 165)

12 The Operation and Scope of the Ames Laboratory (Chicago) spons'd by Physics Club of Chicago: M. Lubin, Pioneer Electronic and Research Corp., 743 Circle Ave., Forest Park, Ill.

12-14 Remote Sensing of the Environment (U. of Michigan) spons'd by Air Force Cambridge Research Labs, Office of Naval Research: C. E. Molineux, Terrestrial Sciences Lab, AFCRL, L. G. Hanscom Field, Bedford, Mass. (See p. 113, this issue)

Generalized Networks (New York City) spons'd by Inst. of Electrical and Electronics Engrs., Optical Soc. of America, Soc. of Industrial and Applied Mathematics, Polytechnic Inst. of Brooklyn: Jerome Fox, Polytechnic Inst. of Brooklyn, 333 Jay St., Brooklyn, N.Y. (See Dec. PT, p. 96)

12-15 Quantum Electronics (Phoenix) spons'd by Quantum Electronics Council: J. P. Gordon, Bell Telephone Labs, Murray Hill, N.J. (See Oct. PT, p. 122)

13-15 Integration of Teaching Physics and Chemistry (Sheffield) spons'd by Inst. of Physics and Physical Soc.: *Meetings Officer*, IPPS, 47 Belgrave Sq., London SW 1, England

14, 15 Molecular Interactions and the Crystallography of Ceramics (U. of Nottingham) spons'd by Inst. of Physics and Physical Soc.: *Meeting Officer*, IPPS, 47 Belgrave Sq., London SW 1, England

15, 16 AAPT Central Pennsylvania Section (Muhlenberg College): H. L. Raub, Physics Dept., Muhlenberg College, Allentown, Pa.

Superconductivity and Superfluidity (Cornell U.), APS New York State Section: J. A. Krumhansl, Lab of Atomic and Solid State Physics, Cornell U., Ithaca, N.Y.

16 • AAPT Iowa Section (Central College, Pella): M. Briant, Secretary-Treasurer, AAPT Iowa Section, Clarke College, Dubuque, Iowa

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- 17-20 Electron and Ion Beam Science and Technology (New York City): *R. Bakish, Electronics and Alloys, Inc., Ridgefield, N.J.*
- 18-20 Electronic Processes in Low-Mobility Solids (Sheffield) spons'd by Physics Dept., Glass Technology Dept., U. of Sheffield: *I. G. Austin, Physics Dept., The University, Sheffield 3, England* (See Jan. PT, p. 160)
- 19-21 Performance Assessment of High Vacuum Pumps (U. of Sussex) spons'd by Inst. of Physics and Physical Soc.: *Meetings Officer, IPPS, 47 Belgrave Sq., London SW 1, England*
- Frequency Control (Atlantic City) spons'd by US Army Electronics Command: *M. F. Timin, Electronic Components Lab, US Army Electronics Command, Att: AMSEL-KL-ST, Fort Monmouth, N.J.* (See Dec. PT, p. 96)
- 19-22 American Geophysical Union (Washington, D.C.): *W. E. Smith, AGU, 1145 19th St., NW, Washington, D.C.* (See Dec. PT, p. 96)
- 20-22 Magnetism (Stuttgart) spons'd by Inst. of Electrical and Electronics Engrs., German Working Group for Ferromagnetism: *V. L. Newhouse, General Electric Research Lab, PO Box 1088, Schenectady, N. Y.* (See Oct. PT, p. 122)
- 21, 22 Early Stages of Constitutional Change in Metals and Other Materials (Nat'l Physical Lab, Teddington) spons'd by Inst. of Physics and Physical Soc., Nat'l Physical Lab: *Meetings Officer, IPPS, 47 Belgrave Sq., London SW 1, England* (See Jan. PT, p. 165)
- 25-28 American Physical Society (Washington, D.C.): *K. K. Darrow, The American Physical Society, 538 W. 120th St., New York 27, N.Y.*
- 30 • **AAPT Western Pennsylvania Section** (Westminster College, New Wilmington): *E. J. Clothiaux, Physics Dept., Duquesne U., Pittsburgh, Pa.*
- May 1966**
- 1-5 Point Defects in Crystals (Washington, D.C.): *A. D. Franklin, Nat'l Bureau of Standards, Washington, D.C.* (See Feb. PT, p. 104)
- 2-7 International Commission on Optics (Paris): *Congress Secretariat, CIO 7, Institut d'Optique, 3, Blvd. Pasteur, Paris 15, France* (See Sept. PT, p. 117)
- 4-6 Electron Probe Microanalysis (College Park, Md.): *A. J. Tousimis, Biodynamics Labs, Washington Science Center, 6010 Executive Blvd., Rockville, Md.*
- 7 • **AAPT Michigan Section** (Wayne State U. Detroit): *A. Buskirk, Kalamazoo College, Kalamazoo, Mich.*
- 10 The Clocks of Living Things (Chicago) spons'd by Physics Club of Chicago: *M. Lubin, Pioneer Electronic and Research Corp., 743 Circle Ave., Forest Park, Ill.*
- 17-19 Fast Breeder Reactors (London) spons'd by United Kingdom Atomic Energy Authority: *UKAEA, Charles II St., London SW 1, England*
- 20-21 Surface Physics (Washington State U.): *E. E. Donaldson, Physics Dept., Washington State U., Pullman, Wash.*
- **Midwest Conference on Theoretical Physics** (Indiana U.): *D. B. Lichtenberg, Physics Dept., Indiana U., Bloomington, Ind.*
- 31-3 Radiation Stimulation and Molecular Processes (Paris) spons'd by Soc. of Physical Chemistry: *G. Emschwiller, SPC, 10 rue Vauquelin, Paris 5, France*
- June 1966**
- 1-4 **Acoustical Society of America** (Boston): *L. Batchelder, Raytheon Co., 20 Seyon St., Waltham, Mass.*
- 13-15 Cryogenic Engineering (Boulder) spons'd by U. of Colorado, Nat'l Bureau of Standards: *K. D. Timmerhaus, Secretary, Cryogenic Engineering Conference, Engineering Research Center, U. of Colorado, Boulder, Colo.* (See Jan. PT, p. 162)
- 13-16 Ceramic Microstructure (U. of Calif., Berkeley): *C. V. Peterson, Lawrence Radiation Lab, Bldg. 62, Rm. 205, Berkeley 4, Calif.*
- 13-17 Society for Applied Spectroscopy (Chicago): *J. E. Burroughs, Borg-Warner Corp., Roy C. Ingersoll Research Center, Wolf and Algonquin Rds., Des Plaines, Ill.*
- Molecular Structure and Spectroscopy (Columbus) spons'd by Ohio State U.: abstracts deadline Apr. 1: *K. N. Rao, Dept. of Physics, Ohio State U., Columbus, Ohio*
- 13-18 American Association for the Advancement of Science (Seattle): abstracts deadline Apr. 1: *R. C. Miller, California Academy of Science, San Francisco 18, Calif.*
- 14-17 Applied Mechanics (U. of Minn.): *R. Plunkett, 107 Aero Bldg., U. of Minnesota, Minneapolis, Minn.* (See Oct. PT, p. 125)
- 16-18 **American Association of Physics Teachers** (Montana State U., Bozeman): *A. B. Arons, Physics Dept., Amherst College, Amherst, Mass.*
- Liquid Helium Technology (Boulder) spons'd by International Institute of Refrigeration Commission 1: *IIR Commission 1 Symposium, Cryogenic Div., National Bureau of Standards, Boulder, Colo.* (See Jan. PT, p. 162)
- Microwave Theory and Technique (Palo Alto, Calif.) spons'd by Inst. of Electrical and Electronics Engrs.: *IEEE, 345 E. 47th St., New York, N. Y.*
- 19-23 American Nuclear Society (Denver): *O. J. Du Temple, ANS, 244 E. Ogden Ave., Hinsdale, Ill.*
- 20-22 **American Physical Society** (Minneapolis): abstracts deadline Apr. 18: *R. G. Sachs, PO Box 344, Argonne, Ill.*
- 20-24 Crystal Growth (Boston) spons'd by Air Force Cambridge Research Labs: *M. Schieber, 40 Acorn Pk., Cambridge, Mass.*
- 21 • (through July 30) Statistical Physics, Phase Transitions and Superfluidity (Waltham, Mass.), 9th Brandeis

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- 21-23 Precision Electromagnetic Measurements (Boulder, Colo.) spons'd by Nat'l Bureau of Standards, Inst. of Electrical and Electronics Engrs., Internat'l Scientific Radio Union: *J. Cronland, Bureau of Continued Education, U. of Colorado, Boulder, Colo. (See Nov. PT, p. 111)*
- 22-24 Coherence and Quantum Optics (Rochester): *E. Wolf, Dept. of Physics and Astronomy, U. of Rochester, Rochester, N. Y. (See Oct. PT, p. 125)*
- 26-2 Radiation Research (Belluno, Italy) spons'd by Internat'l Assoc. of Radiation Research: *G. Silini, Secy-General, Third Internat'l Congress of Radiation Research, Casella Postale 2359, Rome A-D, Italy (See Dec. PT, p. 96)*
- 27 (through Aug. 5) International School of Nonlinear Mathematics and Physics (Munich): *N. J. Zabusky, Nonlinear School, Bell Telephone Labs, Whippany, N.J.*
- 27-30 Health Physics Society (Houston): *O. L. Pirtle, Jr., Hastings Radiochemical Works, PO Box 60448, A. N. S., Houston, Tex.*

July 1966

- 4-8 Rarefied Gas Dynamics (Oxford): abstracts deadline March 1966: *C. L. Brundin, Dept. of Engineering Science, U. of Oxford, Parks Rd., Oxford, England (See Oct. PT, p. 125)*
- Magnetohydrodynamic Electrical Power Generation (Salzburg) spons'd by European Nuclear Energy Agency, Internat'l Atomic Energy Agency: *ENEA, 38 Blvd. Suchet, Paris, France*
- 4 (through Aug. 27) High Energy Astrophysics (Les Houches, France), U. of Grenoble summer school: *C. De Witt, Physics Dept., U. of N. Carolina, Chapel Hill, N.C. (See Nov. PT, p. 96)*
- 7, 8 Spectroscopy and Automation (U. of Bristol) spons'd by Inst. of Physics and Physical Soc.: *Meetings Officer, IPPS, 47 Belgrave Sq., London SW 1, England (See Jan. PT, p. 158)*
- 11-16 Statistical Mechanics and Thermodynamics (Copenhagen): *T. A. Bak, H. C. Oersted Inst., U. of Copenhagen, Copenhagen, Denmark (See p. 116, this issue)*
- 12-21 International Union of Crystallography (Moscow) spons'd by Academy of Sciences of the USSR, Internat'l Union of Crystallography: *J. Ibers, Dept. of Chemistry, Northwestern U., Evanston, Ill. (See Oct. PT, p. 125)*

August 1966

- 21-25 Electron Microscopy Society of America (San Francisco): *G. Thomas, Dept. of Mineral Technology, U. of California, Berkeley 4, Calif.*
- 23-30 Luminescence (Budapest) spons'd by Internat'l Union of Pure and Applied Physics, Hungarian Academy of Sciences: *G. Szigeti, Re-*

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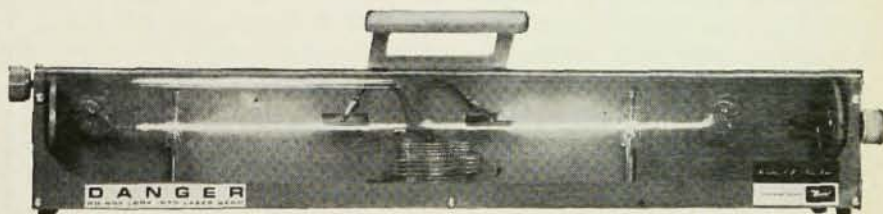
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search Inst. for Technical Physics, Hungarian Academy of Sciences, Budapest, POB: Ujpest 1, No. 76, Hungary (See Oct. PT, p. 127)

26-29 Calorimetry below 20°K (Helsinki), spons'd by Internat'l Union of Pure and Applied Physics, Finnish Physical Soc., Finnish Inst. of Technology; abstracts deadline May 1: O. V. Lounasmaa, Dept. of Technical Physics, Inst. of Technology, Otaniemi (Helsinki), Finland

29-31 American Physical Society (Mexico City); abstracts deadline May 27: K. K. Darrow, The American Physical Society, 538 W. 120th St., New York 27, N.Y.

Mathematical Association of America (Rutgers U.): R. Hailpern, U. of Buffalo, Buffalo, N. Y.

29-2 • Solar-Terrestrial Physics (Belgrade) spons'd by Internat'l Scientific Radio Union: D. Bajic, URSI Belgrade Symp. Committee, PO Box 356, Belgrade, Yugoslavia

September 1966

5-7 Rare Earths (U. of Durham) spons'd by Inst. of Physics and Physical Soc.; send abstracts by June 24 to W. D. Corner, Dept. of Physics, South Road, Durham: Meetings Officer, IPPS, 47 Belgrave Sq., London SW 1, England (See p. 114, this issue)

5-9 International Organization for Pure and Applied Biophysics (Vienna); abstracts deadline May 15: E. Weidenhaus, Viennese Medical Academy, Alserstr. 4, Vienna 9, Austria (See Sept. PT, p. 119)

5-10 Magnetic Resonance and Relaxation (Ljubljana), 14th Colloque AMPERE, spons'd by Yugoslav Federal Council for Coordination of Research, Nuclear Energy Commission, Groupement AMPERE: Secretary, 14th Colloque AMPERE, Nuclear Institute "Jozef Stefan," Ljubljana, Yugoslavia (See Oct. PT, p. 127)

International Radiation Protection Association (Rome); abstracts deadline Mar. 31: C. Polvani, IRPA, Casella Postale 2359, Rome, Italy (See Jan. PT, p. 158)

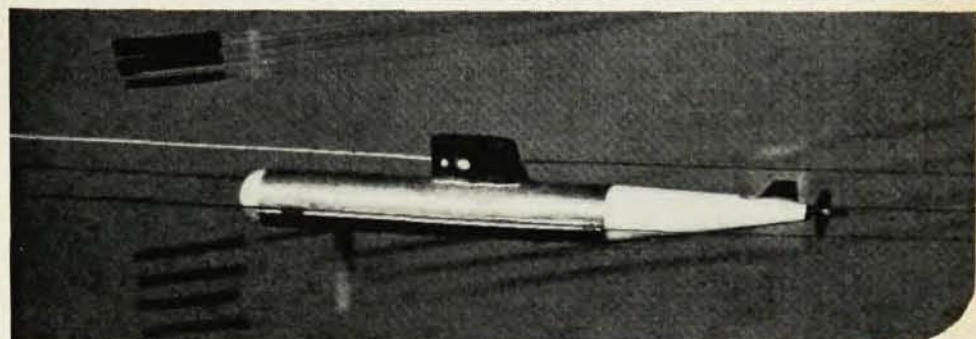
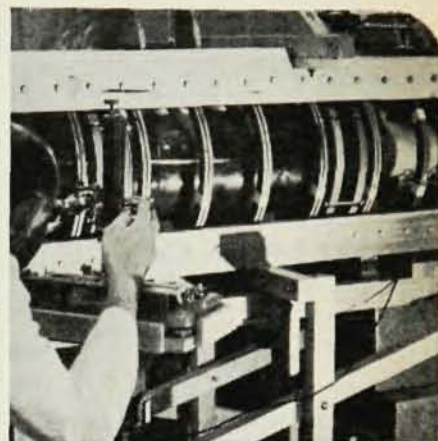
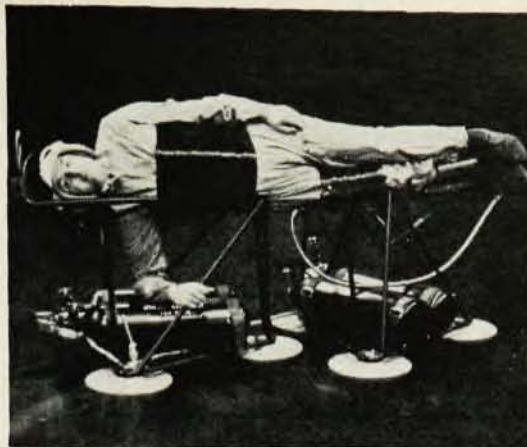
6-10 Molecular Structure and Spectroscopy (Ohio State U.): K. Narahari Rao, Molecular Spectroscopy Symp., Physics Dept., Ohio State U., 174 W. 18th Ave., Columbus, Ohio (See p. 116, this issue)

8-13 Physics of Semiconductors (Tokyo) spons'd by Physical Soc. of Japan, Internat'l Union of Pure and Applied Physics: G. M. Hatayama, PSI, Hongo, PO Box 28, Tokyo, Japan

9, 10 High Energy Physics Instrumentation (Stanford): W. K. H. Panofsky, Stanford Linear Accelerator Center, Stanford U., Stanford, Calif.

12-14 Applications of Generalized Functions to System Theory (State U. of New York, Stony Brook) spons'd by Soc. for Industrial and Applied Mathematics; abstracts deadline July 11: A. H. Zemanian, Dept. of Applied Analysis, State U. of New York, Stony Brook, N.Y. (See Feb. PT, p. 104)

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12-16 • **Measurement of Nuclear Radiations** (Berkeley, England) spons'd by Berkeley Nuclear Labs, Inst. of Physics and Physical Soc.; send abstracts by 30 April to K. F. Orton, C.E.G.B., Berkeley Nuclear Labs, Berkeley, Gloucestershire; *Meetings Officer, IPPS, 47 Belgrave Sq., London SW 1, England* (See p. 113, this issue)

12-17 **Nuclear Physics** (Gatlinburg, Tenn.) spons'd by Oak Ridge Nat'l Lab, Atomic Energy Commission, Internat'l Union of Pure and Applied Physics; abstracts deadline July 22: *A. Zucker, Internat'l Conf. on Nuclear Physics, ORNL, PO Box X, Oak Ridge, Tenn.* (See Feb. PT, p. 104)

19-23 **Liquid Metals** (Brookhaven Nat'l Lab) spons'd by Atomic Energy Commission, Internat'l Union of Pure and Applied Physics; send abstracts to A. Paskin, Metallurgy and Materials Science Div., BNL; *J. R. Weeks, Metallurgy and Materials Science Div., BNL, Upton, Long Island, N.Y.* (See Feb. PT, p. 104)

21-23 • **Nuclear and Particle Physics** (U. of Glasgow) spons'd by Inst. of Physics and Physical Soc.; send abstracts by June 30 to N. MacDonald (nuclear physics), I. S. Hughes (particle physics), Dept. of Natural Philosophy, The University, Glasgow W 2; *Meetings Officer, IPPS, 47 Belgrave Sq., London SW 1, England* (See p. 114, this issue)

Physics of Semiconducting Compounds (U. of Wales) spons'd by Inst. of Physics and Physical Soc.; send abstracts by July 1 to R. H. Jones, Dept. of Physics, University College of Swansea, Singleton Park, Swansea; *Meetings Officer, IPPS, 47 Belgrave Sq., London SW 1, England* (See Jan. PT, p. 160)

28-30 **Physical Basis of Yield and Fracture** (U. of Oxford) spons'd by Inst. of Physics and Physical Soc.; *Meetings Officer, IPPS 47 Belgrave Sq., London SW 1, England*

October 1966

3-7 • **Trace Characterization—Chemical and Physical** (Gaithersburg, Md.) spons'd by Nat'l Bureau of Standards; send abstracts by May 1 to B. F. Scribner, Inst. for Materials Research; *R. C. Bates, Inst. for Materials Research, NBS, Washington, D.C.* (See p. 113, this issue)

4 • **Energy Transfer Processes in Crystals** (U. of N. Carolina): *R. C. Janargin, Chemistry Dept., U. of N. Carolina, Chapel Hill, N.C.* (See p. 116, this issue)

9-15 **XVIIth International Astronomical Congress** (Madrid) spons'd by International Astronomical Federation: *IAF, 250 rue Saint-Jacques, Paris 6, France* (See Jan. PT, p. 160)

10-13 • **Fast Reactors** (Argonne, Ill.) spons'd by Argonne Nat'l Lab, Atomic Energy Commission; *W. C. Redman, ANL, Argonne, Ill.* (See p. 116, this issue)

17-21 **Nuclear Data—Microscopic Cross Sections and Other Data Basic for Reactors** (Paris) spons'd by Internat'l Atomic Energy Agency; *J. H. Kane, Chief, Internat'l Conf. Branch, Div. of Technical Information, US Atomic Energy Agency, Washington, D.C.* (See Feb. PT, p. 104)

17-22 **German Physical Society** (Munich): *K. H. Riewe, Postfach 169, (Heraeus), 645 Hanau, Germany*

19-22 **Optical Society of America** (San Francisco): *Mary E. Wurga, 1155 16th St., NW, Washington 6, D.C.*

26-28 • **American Vacuum Society** (San Francisco); abstracts deadline July 1: *E. E. Donaldson, Physics Dept., Washington State U., Pullman, Wash.*

November 1966

2-5 • **APS Division of Plasma Physics** (Boston); abstracts deadline 30 Sept.: *D. J. Rose, Rm. 24-207, Massachusetts Inst. of Technology, Cambridge, Mass.*

December 1966

1-3 • **American Physical Society** (Nashville); abstracts deadline 26 Sept.: *R. G. Sachs, PO Box 344, Argonne, Ill.*

14-16 • **Gas-Surface Interactions** (San Diego) spons'd by Air Force Office of Scientific Research, General Atomic; *H. Saltsburg, General Dynamics/General Atomic, PO Box 608, San Diego, Calif.* (See p. 116, this issue)

28-30 • **American Physical Society** (Stanford); abstracts deadline 21 Oct.: *W. Whaling, California Inst. of Technology, 1201 E. California St., Pasadena, Calif.*

January 1967

30-2 • **American Physical Society** (New York City): *K. K. Darrow, The American Physical Soc., 538 W. 120th St., New York 27, N.Y.*

30-2 • **American Association of Physics Teachers** (New York City): *A. B. Arons, Physics Dept., Amherst College, Amherst, Mass.*

February 1967

23-25 • **American Physical Society** (Austin, Tex.): *W. Whaling, California Inst. of Technology, 1201 E. California St., Pasadena, Calif.*

April 1967

24-27 • **American Physical Society** (Washington, D.C.): *K. K. Darrow, The American Physical Society, 538 W. 120th St., New York 27, N.Y.*

May 1967

17-20 • **Acoustical Society of America** (New York City): *J. Zwilocki, Special Education Bldg., Syracuse U., 805 S. Crouse Ave., Syracuse 10, N.Y.*