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CALENDAR

Information in the calendar is compiled from a file maintained in the PHYSICS TODAY editorial offices. The date at the end of each item refers to the issue of PHYSICS TODAY in which the item is listed with more detail than appears in subsequent issues. Readers are invited to write or telephone for additional information.

• new listing ♦ new information

July 1967

15-18 **Electrical Contact** (University College of Swansea) *PT May 1967*

16 (through 31 Aug.) **Battelle Seattle Rencontres in Mathematics and Physics** (Seattle) *PT Jan. 1967*

16-29 • **Solids in Intense Magnetic Fields** (Chania, Crete) *PT July 1967*

This international summer physics institute is directed by P. Aigrain, E. Burstein and B. Lax.

Contact: E. D. Haidemenakis, ENS, Laboratoire de Physique, rue Lhomond 24, Paris 5, France

17-19 **Particle Physics** (Varenna, Italy) *PT May 1967*

17-21 **Neutron Thermalization and Reactor Spectra** (U. of Michigan) *PT Dec. 1966*

17-23 **Physics of Electronic and Atomic Collisions** (Leningrad) *PT Dec. 1966*

17-28 **Modern Optics** (UCLA) *PT May 1967*

17-28 **Applied Optics** (London, England) *PT Apr. 1967*

17-29 **Particle Physics** (Varenna, Italy) *PT May 1967*

18-20 • **Electromagnetic Compatibility** (Washington, D.C.) *PT July 1967*

This IEEE symposium features education, measurement and conservation. It is held in conjunction with the Department of Defense EMC conference emphasizing research and development.

Contact: J. S. Hill, Genisco Technology Corp., 10774 Tucker St., Beltsville, Md. 20705

18-23 **Laser Applications** (Paris, France) *PT Apr. 1967*

24-4 **Scattering and Collision Processes** (Istanbul, Turkey) *PT Apr. 1967*

25-29 • **National Congress of Physics** (Bogota, Colombia) *PT July 1967*

This third national congress will be sponsored by the Universidad Nacional and organized by the Colombian Physical Society in collaboration with the physics department of Universidad Nacional.

Contact: W. W. Havens, APS, Pupin Physics Labs, 538 W. 120 St., N.Y.C. 10027

27-3 **Theoretical Physics** (Liperi, Finland) *PT June 1967*

31-4 • **Particulate Matter Systems** (Milwaukee) *PT July 1967*

Cosponsored by the American Institute of Mining, Metallurgical, and Petroleum Engineers and the Engineering Foundation, the conference on fine and ultrafine particle technology covers the creation, characterization, separation and agglomeration of particles. Attendance, limited to 100, will be by acceptance of application or invitation.

Contact: S. S. Cole, Engineering Foundation, 345 E. 47 St., N.Y.C. 10017

31-4 **Nuclear Structure** (Tilton, N.H.) *PT May 1967*

31-11 **Laser Propagation Through the Atmosphere** (Ohio State U.) *PT June 1967*

31-11 **Earth's Particles and Fields** (Stadt Freising, Germany) *PT March 1967*

31-19 **Quantum Optics** (Varenna, Italy) *PT May 1967*

August 1967

1 (through 2 Sept.), **Quantum Chemistry, Solid-State Physics and Quantum Biology** (Uppsala, Sweden) *PT Apr. 1967*

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7-2 Continuum Mechanics (Virginia Polytechnic Institute) *PT March 1967*

7-9 Ellipsometry (U. of Nebraska) *PT June 1967*

7-18 Nuclear and Particle Physics (McGill U., Montreal) *PT May 1967*

9-11 Applications of X-Ray Analysis (Denver) *PT March 1967*

12-15 • Radiation Chemistry (Argonne, Ill.) *PT July 1967*

This is an international conference sponsored by the chemistry division at Argonne National Laboratory.

Contact: E. J. Hart, Chemistry, Division, Argonne National Laboratory, 9700 S. Cass Ave., Argonne, Ill. 60439

14-25 Strong and Weak Interactions (U. of Hawaii) *PT May 1967*

14-25 • Fisk Institute (Nashville) *PT July 1967*

This short session, sponsored by Fisk University, will have lectures on infrared, ultraviolet and visible spectroscopy and gas-liquid chromatography.

Contact: Director, Fisk Institute, Box 8, Fisk University, Nashville, Tenn. 37203

29,30 • Photoelectric and Secondary Electron Emission (Minneapolis) *PT July 1967*

This meeting is sponsored by the special devices group of the advisory group on electron devices and by the U. of Minnesota.

Contact: W. T. Peria, Electrical Engineering Dept., U. of Minnesota, Minneapolis, Minn. 55455

20-25 American Crystallographic Association (Minneapolis) *PT March 1967*

21-1 Electrons in Metals (Alta Lake, British Columbia) *PT March 1967*

21-1 Nuclear Reactor Safety (M.I.T.) *PT May 1967*

27-2 Phenomena in Ionized Gases (Vienna) *PT Dec. 1966*

27-3 International Union of Pure and Applied Chemistry (Prague) *PT Dec. 1966*

28-30 Electronic Materials (New York City) *PT May 1967*

28-1 Atomic Masses (U. of Manitoba) *PT Jan. 1967*

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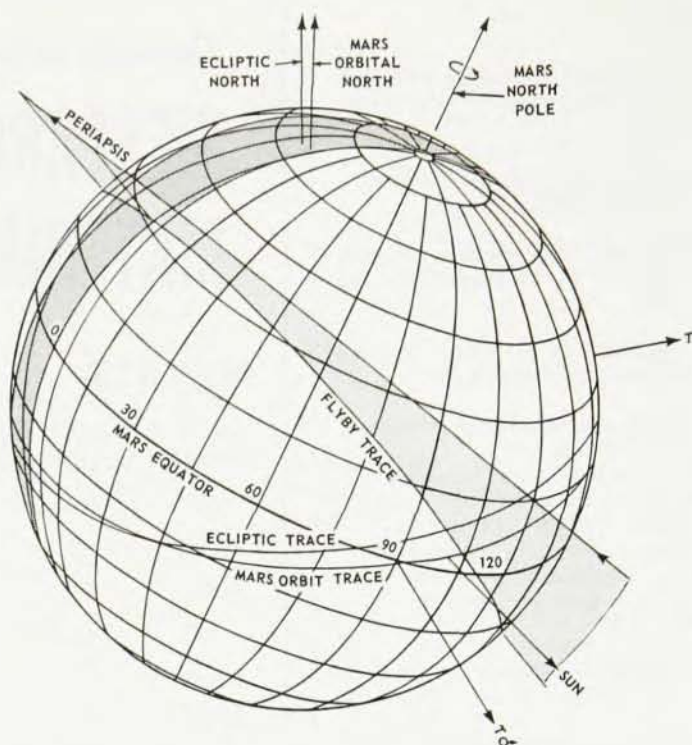
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August 1967

- 28-1 **Particles and Fields** (University of Rochester) *PT March 1967*
- 29-31 **High Frequency Generation and Amplification** (Cornell U.) *PT June 1967*
- 29-1 **Electron Microscopy Society Meeting** (Chicago) *PT June 1967*
- 31-2 **American Physical Society** (Seattle) *PT Dec. 1966*
- 31-6 **Low Temperatures** (Madrid) *PT March 1967*

September 1967

- 4-8 **The Strength of Metals and Alloys** (Tokyo) *PT March 1967*
- 4-10 **International Congress of Pure and Applied Chemistry** (Prague) *PT Dec. 1966*
- 4-16 **Dosimetry of Radiation** (Université Libre de Bruxelles) *PT May 1967*
- 5-7 **Quasars** (Manchester, England) *PT Apr. 1967*
- 5-8 **Solid-State Devices** (University of Manchester) *PT March 1967*
- 5-9 **Molecular Structure and Spectroscopy** (Ohio State U.) *PT Jan. 1967*
- 5-9 **Electron and Photon Interactions at High Energies** (Stanford Linear Accelerator Center) *PT March 1967*
- 6-8 **II-VI Semiconducting Compounds** (Providence, R.I.) *PT Feb. 1967*
- 7-13 **Nuclear Structure** (Tokyo) *PT Dec. 1966*
- 11-13 • **Waves in Plasmas** (Culham, England) *PT July 1967*
Contact: Meetings Officer, The Institute of Physics and The Physical Society, 47 Belgrave Sq., London, SW 1, England
- 11-13 **Atomic Spectroscopy, by invitation** (National Bureau of Standards, Gaithersburg) *PT March 1967*
- 11-15 **High-Energy Accelerators** (Cambridge) *PT Dec. 1966*
- 11-16 **Magnetism** (Boston) *PT March 1967*
- 13,14 **High-Voltage Insulation in Vacuum** (London) *PT Jan. 1967*

September 1967

13,14 • Electric Heating (Detroit) *PT July 1967*

This conference sponsored by the electric process heating committee of the IGA group of IEEE and the southeastern Michigan section of IEEE includes papers on new equipment and applications, foundries, heat treating, metal forming, plastics and rubber, product finishing and heat transfer.

Contact: W. Holcroft, Holcroft & Co., 6545 Epworth, Detroit, Mich. 48204

16-21 Fifteenth A.M.P.E.R.E. Colloquium (Domaine University, France) *PT May 1967*

17-20 High Temperature Technology (Asilomar, California) *PT May 1967*

18-20 • Electrical Insulation and Dielectric Phenomena (Pocono Manor, Pa.) *PT July 1967*

This conference is sponsored by the National Academy of Sciences-National Research Council.

Contact: Colonel R. A. Cliffe, National Academy of Sciences, 2101 Constitution Ave., Washington, D.C. 20418

18-22 Localized Excitations in Solids (Irvine, Calif.) *PT Jan. 1967*

18-22 Theory and Computers (Rome) *PT June 1967*

18-23 Stochastic Problems in Underwater Sound Propagation (La Spezia) *PT June 1967*

18-29 Inorganic Materials (Penn State U.) *PT June 1967*

19-22 • Pulsed, High-Density Plasmas (Los Alamos, N.M.) *PT July 1967*

This APS topical conference includes production, measurement and containment of plasmas produced in z and theta pinches, plasma guns, pulsed and injected magnetic confinement systems, turbulent heating, collisionless shock experiments and dynamic stabilization.

Contact: F. L. Ribe, Los Alamos Scientific Laboratory, U. of California, Box 1663, Los Alamos, N.M. 87544

20-22 Stress Analysis in Bioengineering (University College, London) *PT June 1967*

21-22 Electrodeless Breakdown of Gases (Leatherhead, England) *PT May 1967*

24-28 • Power Generation (Detroit) *PT July 1967*

The American Society of Mechanical Engineers and the power group of IEEE are the cosponsors of this conference. Topics include safety, economics, design, construction or operation of the equipment and related auxiliaries and processes within the power-generating system that are pertinent to the preparation of fuels and other basic energy sources, development and refinement of all conversion processes.

Contact: R. W. Hartwell, Detroit Edison Co., 2000 Second Ave., Detroit, Mich. 48226

26-28 Reactor Shielding Design (Hartwell, England) *PT Apr. 1967*

26-28 Magnetic Materials and Their Applications (London) *PT Dec. 1966*

October 1967

2-7 German Physical Society (Berlin, Germany) *PT Apr. 1967*

3 • (through 16 Dec.) Condensed Matter (Trieste, Italy) *PT July 1967*

The International Centre for Theoretical Physics will organize a course on the theory of condensed matter under the direction of J. M. Ziman (U. of Bristol), F. Bassani (U. of Pisa) and G. Caglioti (CNEN). Lectures will be delivered at a basic and advanced level by an international faculty of professors and lecturers.

Contact: International Centre for Theoretical Physics, Piazza Oberdan 6, Trieste, Italy

3-5 Radiation Effects in Semiconductors (Santa Fe) *PT June 1967*

4-6 • Circuit and System Theory (Monticello, Ill.) *PT July 1967*

This fifth Allerton conference sponsored by the circuit theory group of IEEE and the U. of Illinois will feature papers on information processing, communication sciences, control systems and networks.

Abstracts deadline: 1 Aug. Contact: J. B. Cruz Jr, Dept. of Electrical Engineering, U. of Illinois, Urbana, Ill. 61801

4-6 Ultrasonics (Vancouver, B.C.) *PT June 1967*

9 • Excited Materials (U. of North Carolina) *Pt July 1967*

This annual symposium is supported by the University of North Carolina at Chapel Hill. Invited speak-

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Contact: S. I. Choi, Dept. of Physics, U. of North Carolina, Chapel Hill, N.C.

11-13 **Optical Society of America** (Detroit) *PT Dec. 1966*

12,13 **Physics of Selenium and Tellurium** (Montreal) *PT June 1967*

16-19 **Materials Research** (Gaithersburg) *PT June 1967*

16-20 • **Fiber and Polymer Microscopy** (Chicago) *PT July 1967*

The McCrone Research Institute will sponsor this one-week course on preparation of specimens for microscopy, tools and techniques for the study of fibers and film, physical properties of fibers and film, characterization and identification of fibers and film by microscopy, degree of crystallinity, relationship between physical properties, structure and performance.

Contact: M. L. Fallert, McCrone Research Institute, 451 E. 31 St., Chicago, Ill. 60616

18-20 **Exploding Wires** (Boston) *PT June 1967*

18-20 **Gaseous Electronics** (San Francisco) *PT Jan. 1967*

18-20 • **Electron Devices** (Washington, D.C.) *PT July 1967*

The annual technical meeting of the electron devices group of IEEE covers research, development, design and manufacture of integrated electronics, solid-state devices, electron tubes, display and pickup devices, lasers and energy-conversion devices.

Abstracts deadline: 1 Aug. Contact: B. J. McMurty, Sylvania Electronic Systems, Box 205, Mountain View, Calif. 94040

20,21 • **APS New England Section** (Lewiston, Maine) *PT July 1967*

This meeting will be held jointly with the New England section of the AAPT. The fourth semiannual APS-NES tutorial session will be on molecular biophysics. The deadline for contributed papers is 22 Sept.

Contact: R. F. Kingsbury, Dept. of Physics, Bates College, Lewiston, Maine 04240

23-25 **APS Nuclear Physics Division** (Madison, Wis.) *PT Apr. 1967*

31-2 • **Nuclear Science Symposium** (Los Angeles) *PT July 1967*

The IEEE nuclear science group sponsors this symposium on nuclear science applications and instrumentation for medicine and biology, nuclear power (instrumentation, control, operations and standards), nuclear data acquisition and handling systems, nuclear instrumentation for laboratory and industrial uses, nuclear instrumentation for use and research in space and nuclear radiation detectors.

Contact: R. C. Maninger, Lawrence Radiation Laboratory, Box 808, Livermore, Calif. 94551

November 1967

1-3 **Plasmas in Open-Ended Geometry** (Oak Ridge National Laboratory) *PT June 1967*

1-3 **Diffraction** (Mellon Institute, Pittsburgh) *PT June 1967*

1-3 • **Circuits and Systems** (Pacific Grove, Calif.) *PT July 1967*

This conference is cosponsored by Naval Postgraduate School, U. of Santa Clara and IEEE. Topics include new ideas and developments in the general areas of circuits, system theory and cybernetics.

Abstracts deadline: 1 Sept. Contact: S. R. Parker, Dept. of Electrical Engineering, Naval Postgraduate School, Monterey, Calif. 93940

3,4 • **AAPT Texas Section** (Sherman) *PT July 1967*

Contact: E. Bottom, McMurry College, Abilene, Tex.

6,7 **Photopolymers** (Ellenville, N.Y.) *PT June 1967*

6-8 **Applied Superconductivity** (Austin, Texas) *PT June 1967*

6-8 • **Reliability Physics** (Los Angeles) *PT July 1967*

This symposium sponsored by the reliability and electron devices groups of IEEE will cover thin-film, monolithic and hybrid integrated circuits. Sessions include principles and applications, surface effects, test analysis, bulk effects, reliability improvement, reliability prediction and mathematical models for engineering purposes.

Contact: G. T. Jacobi, IIT Research Institute, 10 W. 35 St., Chicago, Ill. 60616

14-16 • **Computers** (Anaheim, Calif.) *PT July 1967*

The conference will cover the en-

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- Interaction of intense electron or X-ray beams with gases, solids and plasmas, including radiation effects studies.
- High-energy pulsed power systems, pulsed X-ray units, electron beam devices and other radiation simulators.
- Dynamic response of materials and structures.
- Nuclear weapons effects and vulnerability analyses.
- Digital computer code development and application related to the above areas.
- Energy conversion systems analysis and device development.

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November 1967

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457, Costa Mesa, Calif. 92627

14-17 Acoustical Society of America
(Miami) *PT Dec. 1966*

16-18 American Physical Society (New
York City) *PT Dec. 1966*

18 • AAPT Iowa Section (Iowa City)
PT July 1967

Contact: G. W. Bowen, Iowa
State U., Ames, Iowa

20-22 • Fluid Dynamics (Lehigh University) *PT June 1967*

Contact: P. S. Klebanoff, Aerodynamics Section, National Bureau of Standards, Washington, D. C. 20234

December 1967

1,2 American Association of Physicists in Medicine (Chicago) *PT June 1967*

1,2 • π N Scattering (Irvine, Calif.)
PT July 1967

This conference will cover experiments, phase-shift analyses and theoretical approaches.

Contact: G. F. Chew, U. of California, Berkeley, Calif.

5-7 American Astronomical Society
(Philadelphia) *PT Jan. 1967*

January 1968

29-31 • Photosensitization in Solids (U. of Arizona) *PT July 1967*

This second international conference includes topics on energy transfer, photochemistry of rigid solutions, bound pigments, dye-sensitized processes and photobiological sensitization.

Contact: G. Tollin, Dept. of Chemistry, U. of Arizona, Tucson, Ariz. 85721

April 1968

1-4 • Thermophysical Properties (U. of Maryland) *PT July 1967*

Sponsored by the American Society of Mechanical Engineers, this symposium will cover solids, liquids, gases and plasmas.

Contact: J. R. Moszynski, Dept. of Mechanical and Aerospace Engineering, U. of Delaware, Newark, Delaware 19711 □

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