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 first listed with more detail than appears in subsequent issues. Readers are invited to write or telephone for additional information.

• new listing ♦ new information

January 1967

25–27 **American Crystallographic Association** (Atlanta) *PT Dec. 1966*

25–28 • **Thermal Neutron Scattering Applied to Chemical and Solid-State Physics** (Atlanta) *PT Jan. 1967*

The American Crystallographic Association will hold this symposium in conjunction with its winter meeting at the Georgia Institute of Technology. Six invited papers reviewing recent developments in the field of inelastic and magnetic scattering of thermal neutrons will be presented. The meeting will also be addressed by Sir Lawrence Bragg, The Royal Institution; P. P. Ewald, Polytechnic Institute of Brooklyn and R. P. Ozerov, Karpov Institute of Physical Chemistry.

Contact: R. A. Young, Engineering Experimental Station, Georgia Institute of Technology, Atlanta, Ga.

30–2 **American Physical Society** (New York City) *PT Dec. 1966*

30–2 **American Association of Physics Teachers** (New York City) *PT Dec. 1966*

February 1967

2,3 **Western Spectroscopy Association** (Pacific Grove, Calif.) *PT Dec. 1966*

3,4 **The Surface of Mars** (New York City) *PT Dec. 1966*

6–8 ♦ **Society of Rheology** (Santa Barbara) *PT Jan. 1967*

Contact: M. C. Shen, North American Aviation Science Center, 1049 Camino Dos Rios, Thousand Oaks, Calif. 91360

14–19 **Triplet State** (Beirut) *PT Dec. 1966*

22,23 **Neutron Scattering and Energy Band Theory for Metals and Alloys** (U. of Illinois) *PT Dec. 1966*

22–24 **Biophysical Society** (Houston) *PT Dec. 1966*

23,24 **Louisiana Society for Electron Microscopy** (New Orleans) *PT Dec. 1966*

23–25 **American Physical Society** (Austin, Tex.) *PT Dec. 1966*

26–11 **Special Problems in High Energy Physics** (Schladming, Austria) *PT Dec. 1966*

March 1967

1–3 **Accelerator Engineering and Technology** (Washington, D.C.) *PT Dec. 1966*

2–4 • **Experimental Nuclear Magnetic Resonance** (Mellon Institute, Pittsburgh) *PT Jan. 1967*

Contact: B. L. Shapiro, Chemistry Department, Illinois Institute of Technology, Chicago, Ill. 60616

2–10 **Radioactive Dating and Methods of Low-Level Counting** (Vienna) *PT Dec. 1966*

6, 7 **Rheology of Solids** (Boston) *PT Dec. 1966*

6–10 **Applications of Modern Mathematics** (U. of California, Los Angeles) *PT Dec. 1966*

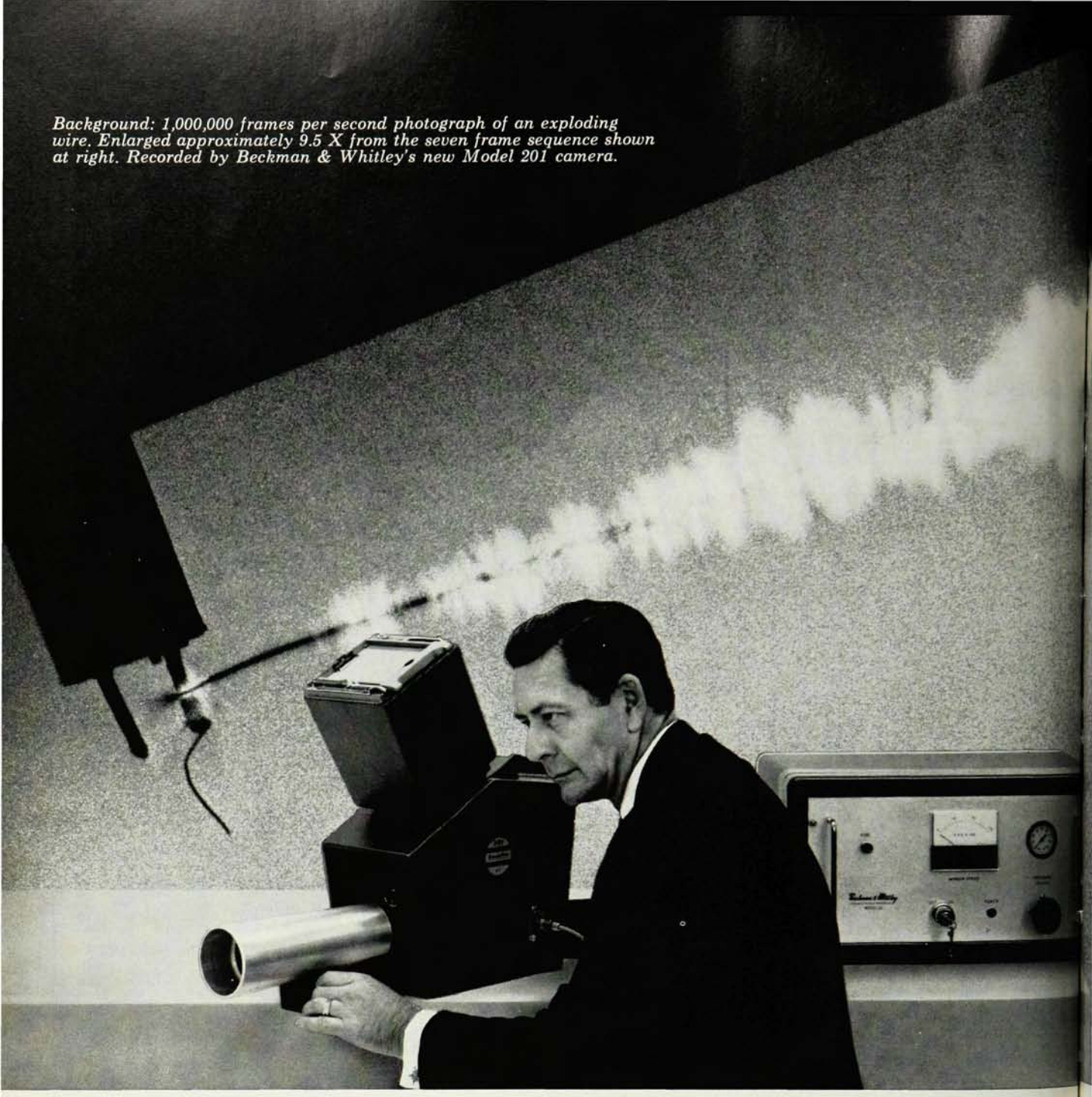
13–17 **Plutonium as a Reactor Fuel** (Brussels) *PT Dec. 1966*

13–24 **Multiregion Boundary Value Problems:** Computer and Analytical Methods with Applications (U. of California, Los Angeles) *Pt Dec. 1966*

14,15 • **Temperature Measurements** (Los Angeles) *PT Jan. 1967*

Sponsor: Temperature Measurements Society. Contact: R. A. Finch, Atomics International, PO Box 309, Canoga Park, Calif. 91304

17,18 • **Behavior at Surfaces** (Hartford) *PT Jan. 1967*



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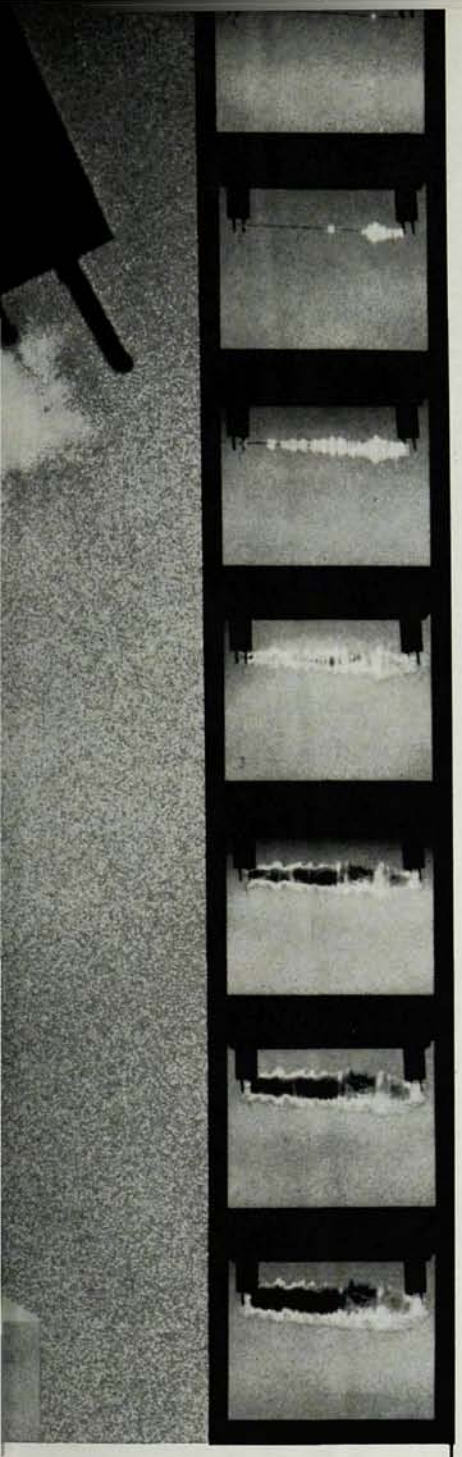

A joint meeting of the Connecticut Valley Section of the American Chemical Society and the New England Section of the American Physical Society will be sponsored by Trinity College and the United Aircraft Research Laboratories in Hartford, beginning on the afternoon of Friday, the 17th and extending through Saturday. The Friday session will consist of a tour of the United Aircraft laboratories and technical presentations, followed by a ceremonial dinner featuring a talk by Isaac Asimov of the Boston University medical school. Saturday morning will be devoted to contributed papers from members of both societies; the afternoon program will be a three-speaker tutorial on surfaces.

Contact: David M. Wetstone, United Aircraft Research Laboratories, East Hartford, Conn. 06108.

17–21 **National Science Teachers Association** (Detroit) *PT Dec. 1966*

20 • **Field-Ion Microscopy** (U. of Cambridge) *PT Jan. 1967*

Sponsor: The Institute of Physics and The Physical Society. Abstracts deadline: 10 Feb. Contact: Meetings Officer, The Institute of Physics and The Physical Society, 47 Belgrave Square, London, SW 1, England

20–22 **Physical Processes in the Lower Atmosphere** (Ann Arbor) *PT Dec. 1966*

20–22 • **Physical Electronics** (Massachussets Institute of Technology) *PT Jan. 1967*

An American Physical Society Topical Conference, the meeting is soliciting papers on basic phenomena and processes associated with the behavior of electrons in solids, liquids and gases, and at the gas-surface interface. The abstracts deadline is 13 Feb.

Contact: R. E. Stickney, Room 3-350, Massachusetts Institute of Technology, Cambridge 39, Mass.

21–25 • **Continental Drift, the Motion of the Pole, and the Rotation of the Earth** (Stresa, Italy) *PT Jan. 1967*

Sponsor: International Astronomical Union, International Union of Geodesy and Geophysics. *By invitation.* Contact: W. Markowitz, Physics Department, Marquette University, Milwaukee, Wis. 53233

22–24 **Modern Optics** (New York City) *PT Dec. 1966*

23–25 **Nucleon-Nucleon Interaction** (Gainesville) *PT Dec. 1966*

27–30 **American Physical Society** (Chicago) *PT Dec. 1966*

27–30 • **APS Division of Solid-State Physics** (Chicago) *PT Jan. 1967*

Contact: W. V. Smith, IBM Research Center, PO Box 218, Yorktown Heights, N.Y. 10598

27–30 **APS Division of High-Polymer Physics** (Chicago) *PT Dec. 1966*

28–30 **Engineering Aspects of Magnetohydrodynamics** (Stanford U.) *PT Dec. 1966*

30–31 **Transport Properties of Superconductors** (University of Kent) *PT Dec. 1966*

31–11 **Energetics and Mechanisms in Radiation Biology** (Portmerion, Wales) *PT Dec. 1966*

April 1967

3–5 **Thin Films** (Nottingham) *PT Dec. 1966*

3–5 • **Solid State Chemistry** (Brown U.) *PT Dec. 1966*

5–7 **Spark Discharges** (U. of Liverpool) *PT Dec. 1966*

5–7 **Intermag** (Washington, D.C.) *PT Dec. 1966*

8–13 • **Stereology** (Chicago) *PT Jan. 1967*

Sponsor: International Society for Stereology. Contact: H. Elias, 2020 West Ogden Avenue, Chicago, Ill. 60612

12–13 **Point Defects in Metals** (Reading, England) *PT Dec. 1966*

12–14 **Shock Tubes** (Freiburg, W. Germany) *PT Dec. 1966*

12–14 • **The Teaching of Mathematics to Physicists** (U. of Exeter) *PT Jan. 1967*

Jointly sponsored by The Institute of Physics and The Physical Society, the meeting will consist of two invited talks per session followed by discussion from the floor. A proposed agenda includes the nature of mathematics, the role of mathematics in physics, descriptions of the Southampton and Midlands mathematics projects, the conflict between pure and applied in school mathematics, mathematics in undergraduate physics and mathematics in university physics.

Contact: Meetings Officer, The Institute of Physics and The Physical Society, 47 Belgrave Square, London, SW 1, England.

12–14 **Optical Society of America** (Columbus, Ohio) *PT Dec 1966*

14,15 **AAPT Central Pennsylvania Section** (Huntingdon) *PT Dec. 1966*

14,15 **APS Ohio Section** (Columbus)

Lincoln Laboratory, an electronics research center of the Massachusetts Institute of Technology, conducts theoretical and experimental studies in selected areas, with responsibility for applications to problems of national defense and space exploration. The *Solid State* research and development program is concerned with quantum electronics, lasers, optical and infrared devices, solid state spectroscopy, semiconductor physics, computer components, and materials investigations. All qualified applicants will receive consideration for employment without regard to race, creed, color or national origin. Lincoln Laboratory, M.I.T., Box 15, Lexington, Massachusetts 02173.

Solid State Physics
Information Processing
Radio Physics and Astronomy
Radar
Computer Applications
Space Surveillance Techniques
Re-entry Physics
Space Communications

A description of the Laboratory's work will be sent upon request

17–19 **Elementary Particles** (London) *PT Dec. 1966*

17–19 **Nondestructive Evaluation of Aerospace and Weapons Systems Components and Materials** (San Antonio) *PT Dec. 1966*

17–19 **Thermal Balance of Spacecraft** (New Orleans) *PT Dec. 1966*

19–22 **Acoustical Society of America** (New York City) *PT Dec. 1966*

19–22 **Semiconductor Device Research** (Bad Nauheim, West Germany) *PT Dec. 1966*

22 • **American Association of Physics Teachers Iowa section** (Drake U., Des Moines) *PT Jan. 1967*
Contact: G. W. Bowen, Iowa State U., Ames, Iowa

24–26 • **Frequency Control** (Atlantic City) *PT Jan. 1967*
Sponsor: US Army Electronics Command. Contact: Director, Electronics Components Laboratory, US Army Electronics Command, Attention: AMSEL-KL-ST (M. F. Timm), Fort Monmouth, N.J. 07703

24–26 **Image Detection and Processing** (Royal Radar Establishment, Great Malvern) *PT Jan. 1967*
Sponsor: The Institute of Physics and The Physical Society. Abstracts deadline 1 Feb. Contact: Meetings Officer, The Institute of Physics and The Physical Society, 47 Belgrave Square, London, SW 1, England

24–27 **American Physical Society** (Washington, D.C.) *PT Dec. 1966*

28,29 **Physics of Superconducting Devices** (U. of Virginia) *PT Jan. 1967*
Sponsor: Office of Naval Research. Contact: B. S. Deaver Jr, U. of Virginia, Physics Department, Charlottesville, Va. 22903

May 1967

3–6 **Rare Earths** (Gatlinburg) *PT Dec. 1966*

5–6 **Interaction of Light with Matter** (Webster, N.Y.) *PT Dec. 1966*

8–10 **Origin and Distribution of the Elements** (Paris) *PT Dec. 1966*

8–10 **High Temperature Chemistry** (Argonne National Lab) *PT Dec. 1966*

8–10 **Fluidics** (Washington, D.C.) *PT Dec. 1966*

8–10 **Microwave Theory and Technique** (Boston) *PT Dec. 1966*

15–18 **Spectroscopy** (Chicago) *PT Dec. 1966*

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24–26 **Canadian High-Polymer Forum** (Quebec) *PT Dec. 1966*

25 **Photochromism** (Letchworth College of Technology, England) *PT Dec. 1966*

26, 27 **Midwest Conference on Theoretical Physics** (U. of Illinois) *PT Dec. 1966*

29–31 **International Conference, Exhibit and World Review on Nuclear Reactors and Radioisotopes** (Montreal) *PT Dec. 1966*

June 1967

6,7 • **Deposition of Thin Films by Sputtering** (U. of Rochester) *PT Jan. 1967*

Sponsor: Consolidated Vacuum Corporation, U. of Rochester. Contact: R. D'Aprix, Consolidated Vacuum Corporation, 1775 Mount Read Boulevard, Rochester, N.Y. 14603

7–9 • **Industrial Physics—the Contribution of Government-Sponsored Laboratories** (Harrogate, England) *PT Jan. 1967*

Sponsor: The Institute of Physics and The Physical Society, Ministry of Technology. Contact: Meetings Officer, The Institute of Physics and The Physical Society, 47 Belgrave Square, London, SW 1, England

8–17 • **Solid Mechanics** (Brown U.) *PT Jan. 1967*

Designed primarily for assistant professors, PhD's in government or industry and final year graduate students, the seminar is offered by the divisions of engineering and applied mathematics of Brown University. Experimental and theoretical aspects of finite elasticity, plasticity, viscoelasticity and fracture will be reviewed, including application of theory to engineering problems.

Contact: H. Kolsky, Director of the Solid Mechanics Seminar, Brown University, Providence, R.I. 02912.

12–13 **Inter-Society Color Council** (New York City) *PT Dec. 1966*

13–15 **Vacuum Metallurgy** (New York City) *PT Dec. 1966*

13–15 **American Astronomical Society** (Yerkes Observatory) *PT Dec. 1966*

13–16 **Conjugate-Point Phenomena** (Boulder) *PT Dec. 1966*

15–17 **American Association of Physics Teachers** (St. Lawrence U., Canton, N.Y.) *PT Dec. 1966*

18–22 • **Health Physics Society** (Washington, D.C.) *PT Jan. 1967*

Abstracts deadline: 1 Feb. Contact: S. A. Lough, Division of Biol-

ogy and Medicine, Atomic Energy Commission, Washington, D.C.

18–23 **Kinetics of Reactions in Ionic Systems** (Alfred, N.Y.) *PT Dec. 1966*

19 (through 25 Aug.) **Theoretical Physics** (U. of Colorado) *PT Dec. 1966*

19–23 **Colloquium Spectroscopicum Internationale** (Carleton U., Ottawa) *PT Dec. 1966*

19–23 • **Phase Transitions of the Second Kind** (Cleveland) *PT Jan. 1967*

Contact: J. G. Adler, Physics Department, Western University, Cleveland, Ohio 44106

19–23 • **Carbon** (Buffalo) *PT Jan. 1967*

Sponsor: American Carbon Committee. Abstracts deadline: 1 Feb. Contacts: S. Mrozowski, Carbon Research Laboratory, State University of New York at Buffalo, Buffalo, N.Y. (abstracts); D. A. Cadenhead, Acheson Hall, State University of New York at Buffalo (local arrangements).

19–28 **Physics of the Magnetosphere** (Boston College, Massachusetts) *PT Dec. 1966*

21–23 **American Physical Society** (Toronto) *PT Dec. 1966*

27–2 **Thin Films** (Budapest) *PT Dec. 1966*

July 1967

3–5 • Electron Diffraction (London) *PT Jan. 1967*

Britain's Institute of Physics and Physical Society will celebrate the 40th anniversary of the discovery of electron diffraction with a conference at Imperial College in London. The meeting, also supported by the International Union of Crystallography, will review the status of structure analysis, dynamical theory, energy losses, low-energy electron diffraction, experimental techniques and applications. Two-hundred-word abstracts on the above must be sent by 28 April to M. Blackman, Imperial College, London, SW 7.

Contact: Meetings Officer, The Institute of Physics and The Physical Society, 47 Belgrave Square, London, SW 1, England.

4 (through 25 Aug.) **Many-Body Physics** (Les Houches, France) *PT Dec. 1966*

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

Contact: C. M. DeWitt, Physics Department, U. of North Carolina, Chapel Hill, N.C. 27514 or J. A. Wheeler, Palmer Physical Laboratory, Princeton U., Princeton, N.J.