# CALENDAR

Information in the calendar is compiled from a file maintained in the PHYSICS TODAY office. Readers are invited to write or telephone for information beyond what we print. 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.

ABBREVIATIONS: APS, American Physical Society; OSA, Optical Society of America; ASA, Acoustical Society of America; S of R, Society of Rheology; AAPT, American Association of Physics Teachers; ACA, American Crystallographic Association; AAS, American Astronomical Society; AEC, US Atomic Energy Commission; IEEE, Institute of Electrical and Electronics Engineers; IPPS, The Institute of Physics and The Physical Society; IUPAP, International Union of Pure and Applied Physics; NBS, National Bureau of Standards; ORNL, Oak Ridge National Laboratory.

CODING of each item is as follows: date **subject** □ HOST □ Location (*Contact*) [submission deadline] *PT ref.*

• new listing ♦ new information

## NOVEMBER 1967

1–3 **Plasmas in Open-Ended Geometry** □ ORNL □ Gatlinburg, Tenn. (*Conference Chairman,* ORNL) *6/67*

1–3 **Northeast Electronics Research and Engineering Meeting** □ IEEE □ Boston (*E. Witche*) *10/67*

1–3 **Diffraction** □ MELLON INSTITUTE □ Pittsburgh (*S. Diamond*) [9/11] *6/67*

1–3 **Circuits and Systems** □ IEEE □ Pacific Grove, Calif. (*S. R. Parker*) [9/1] *7/67*

3, 4 □ AAPT TEXAS SECTION □ Sherman, Tex. (*V. E. Bottom*) *7/67*

4 □ AAPT-MICHIGAN SECTION □ Grand Valley State College, Allendale, Mich. (*D. W. Stebbins*) *10/67*

4 **Midwest Solid State Conference** □ U. OF MISSOURI □ Columbia, Mo. (*E. B. Hensley*) *9/67*

6, 7 **Photopolymers** □ SOCIETY OF PLASTIC ENGINEERS □ Ellenville, N. Y. (*J. M. Schiller*) *6/67*

6–8 **Applied Superconductivity** □ AEC □ Austin, Tex. (*W. H. Hartwig*) [8/7] *6/67*

6–8 **Reliability Physics** □ IEEE □ Los Angeles (*G. T. Jacobi*) [6/15] *7/67*

8–10 **Characterization of Materials** □ U. OF ROCHESTER □ Rochester, N. Y. (*G. J. Su*) *9/67*

8–11 **Plasma Physics** □ APS □ Austin, Tex. (*W. E. Drummond*) [9/30] *8/67*

13–15 **Thermal Conductivity** □ NBS □ Gaithersburg, Md. (*D. R. Flynn*) *10/67*

14–16 **Computers** □ AMERICAN FEDERATION OF INFORMATION PROCESSING SOCIETIES □ Anaheim, Calif. (*H. T. Larson*) [4/14] *7/67*

## NOVEMBER 1967

14–17 □ ASA □ Miami, Fla. (*J. C. Steinberg*) *12/66*

16–18 □ APS □ New York City (*W. W. Havens Jr*) *12/66*

18 □ AAPT IOWA SECTION □ Iowa City (*G. W. Bowen*) *7/67*

18 □ AAPT NORTHERN CALIFORNIA SECTION □ Arcata, Calif. (*L. M. Clendenning*) *9/67*

20–22 **Fluid Dynamics** □ APS □ Bethlehem, Pa. (*P. S. Klebanoff*) [10/5] *7/67*

20–22 **Beam Foil Spectroscopy** □ U. OF ARIZONA □ Tucson, Ariz. (*S. Bashkin*) [9/15] *10/67*

## DECEMBER 1967

1, 2 □ AMERICAN ASSOCIATION OF PHYSICISTS IN MEDICINE □ Chicago (*J. R. Cameron*) [10/1] *6/67*

1, 2 **πN Scattering** □ U. OF CALIF. □ Irvine, Calif. (*G. L. Shaw*) *7/67*

4 (through 20 Jan.) **Quantum Chemistry, Solid-State Physics and Quantum Biology** □ U. OF FLORIDA–U. OF UPPSALA □ Gainesville, Fla. (*Winter Institute, U. of Florida*) [10/1] *8/67*

5–7 □ AAS □ Philadelphia (*G. C. McVittie*) *2/67*

18–20 □ APS □ Pasadena, Calif. (*W. Whaling*) *9/67*

18–20 • **Nature of the Excited States of Organic Molecules** □ U. OF CALIFORNIA □ Riverside, Calif. (*Symposium on Nature of Excited States, Chem. Dept., U. of California, Riverside, Calif. 92502*) [11/20] *11/67*

Topics for discussion include: development of new spectroscopic methods for characterizing the properties of triplet-state molecules, new types of electric transitions in composite electronic systems, application of quantum chemistry to the prediction of the reactivity of electronically excited molecules, chemical transformations of electronically excited molecules, and relation between excited-state chemical reactions and spectroscopic characterization of excited states.

26–30 □ AAAS □ New York (*R. L. Taylor*) *9/67*

## JANUARY 1968

3–6 **Solid-State Physics** □ IPPS □ Manchester, England (*Meetings Officer, IPPS*) [10/27] *8/67*

24, 25 **Health Physics** □ HEALTH PHYSICS SOCIETY □ Augusta, Ga. (*J. H. Horton*) [10/16] *8/67*

29–31 **Laser Safety** □ US PUBLIC HEALTH SERVICE-CHILDREN'S HOSPITAL RESEARCH FOUNDATION □ Cincinnati, Ohio (*Mrs. M. S. Runck*) *10/67*

29–31 **Photosensitization in Solids** □ AIR FORCE CAMBRIDGE RESEARCH LABORATORIES □ Tucson, Ariz. (*N. F. Yannoni*) *10/67*

29–1 □ APS □ Chicago (*R. G. Sachs*) *12/66*

29–1 □ AAPT □ Chicago (*S. S. Ballard*) *2/67*

29–2 **Measurement Engineering** □ ARIZONA STATE U. □ Tempe, Ariz. (*P. Stein*) [1/19] *10/67*

## FEBRUARY 1968

1–3 **Solar Astronomy** □ AAAS □ Tucson, Arizona (*N. Sheeley*) [12/7] *9/67*

4–7 □ ACA □ Tucson. Ariz. (*D. H. Templeton*) *9/67*

5–7 □ S of R □ San Diego, Calif. (*J. F. Johnson*) *9/67*

14–16 **Solid State Circuits** □ IEEE □ U. of Pennsylvania, Philadelphia (*R. Webster*) [10/23] *10/67*

23,24 • **Nuclear Conference** □ U. OF SASKATCHEWAN □ Regina, Saskatchewan, Canada (*Physics Dept., U. of Saskatchewan, Regina, Saskatchewan, Canada*) *11/67*

26,27 • **Gas Phase Molecular Structure** U. OF TEXAS □ Austin, Tex. (*H.P. Hanson, Center for Structural Studies, U. of Texas, Austin, Tex. 78712*) [12/15] *11/67*

Emphasis will be on studies of molecular structures and dynamics by electron diffraction and microwave spectroscopy.

26–28 □ APS □ Boston (*W. W. Havens Jr*) *9/67*

26–29 **Elementary Particles** □ INSTITUT FÜR THEORETISCHE PHYSIK DER UNIVERSITÄT GRAZ □ Schladming, Styria, Austria (*H. Kühnelt*) *10/67*

26–1 **Lasers and Their Engineering Applications** □ U. OF CALIFORNIA EXTENSION □ Berkeley, Calif. (*Head Engineering Extension*) *10/67*

28–1 **Scintillation and Semiconductor Counters** □ AEC-IEEE □ Washington, D. C. (*G. A. Morton*) [11/7] *8/67*

## MARCH 1968

4–7 **Neutron Cross Section and Technology** □ APS-AEC-NBS □ Washington, D. C. (*D. T. Goldman*) [12/1] *8/67*

5–8 **Nuclear Electronics and Radioprotection** □ CENTRE DE PHYSIQUE ATOMIQUE ET NUCLÉAIRE DE LA FACULTE DES SCIENCES □ Toulouse, France (*Faculté des Sciences*) [10/15] *10/67*

## MARCH 1968

12–15 □ OSA □ Washington, D. C. (*M. E. Warga*) *9/67*

18–21 □ APS □ Berkeley, Calif. (*W. Whaling*) *9/67*

28–30 **Low Luminosity Stars** □ NATIONAL SCIENCE FOUNDATION-AAS □ U. of Virginia, Charlottesville, Va. (*S. Kumar*) *10/67*

## APRIL 1968

1–3 **Heavy Particle Collisions** □ IPPS □ Belfast, Ireland (*Meetings Officer,* IPPS) [9/29] *9/67*

2–3 **Semimetals and Narrow Gap Semiconductors** □ IPPS □ Durham, England (*Meetings Officer,* IPPS) [1/5] *9/67*

2–4 □ AAS □ Charlottesville, Va. (*P. M. Routly*) *9/67*

3–5 **Magnetics** □ IEEE □ Washington, D. C. (*J. M. Lommel*) [12/15] *9/67*

3–5 • **Engineering Aspects of Magnetohydrodynamics** □ U. OF TENNESSEE SPACE INSTITUTE □ Tullahoma, Tenn. (*L.E. Ring, MHD Symposium, ARO, Inc., Arnold Air Force Station, Tullahoma, Tenn. 37389*) [11/27] *11/67*

Areas of interest to this meeting include magnetohydrodynamic power generation, magnetohydrodynamic propulsion and accelerators, applications of superconductors, controlled thermonuclear plasmas, properties of plasmas, magnetofluid mechanics, electromagnetic wave interactions with magnetoplasmas.

17–19 **Structure Analysis** □ IPPS □ U. of York; York, England (*Meetings Officer IPPS*) [1/5] *10/67*

22–24 **Thin Films** □ IPPS □ U. of Southampton, England (*Meetings Officer IPPS* [1/19] *10/67*

22–24 **Frequency Control** □ US ARMY ELECTRONICS COMMAND □ Atlantic City, N.J. (*M. F. Timm*) [12/15] *10/67*

22–25 □ APS □ Washington, D. C. (*W. W. Havens Jr*) *9/67*

## MAY 1968

8–10 **Electronic Components** □ IEEE-ELECTRONIC INDUSTRIES ASSOCIATION □ Wash., D. C. (*F. M. Collins*) [10/10] *10/67*

8–11 • **Technical Communications** □ SOCIETY OF TECHNICAL WRITERS AND PUBLISHERS □ Los Angeles (*B.P. Sauer, STWP-1968, International Hotel, 6211 West Century Blvd., Los Angeles, Calif. 90045*) *11/67*

Topics will be technical writing and editing, graphics and publication, data management and information science, and education and training.

12–18 **Universal Aspects of Atmospheric Electricity** □ AIR FORCE CAMBRIDGE RESEARCH LABORATORIES □ Tokyo (*Capt. J. H. Shock*) *10/67*

13–17 **Applied Spectroscopy** □ SOCIETY FOR APPLIED SPECTROSCOPY □ Chicago (*E. Lanterman*) [1/15] *10/67*

14–17 **Quantum Electronics** □ JOINT COUNCIL ON QUANTUM ELECTRONICS □ Miami, Fla. (*R. W. Terhune*) [1/8] *10/67*

27–31 **Thermionic Electrical Power Generation** □ EUROPEAN NUCLEAR ENERGY AGENCY □ Stresa, Italy (*European Nuclear Energy Agency*) [12/15] *10/67*

## JUNE 1968

3–6 • **Atomic Physics** □ NEW YORK U □ New York (*V. W. Hughes, Physics Dept., Yale U., New Haven, Conn. 06520*) (by invitation) *11/67*

10–13 • **Vacuum Metallurgy** □ AMERICAN VACUUM SOCIETY □ Beverly Hills, Calif. (*L. W. Sink, AMRDL, Building 290, Pratt & Whitney Aircraft, Middletown, Conn. 06458*) *11/67*

16–20 □ HEALTH PHYSICS SOCIETY □ Denver, Colo. (*W. R. Hendee*) [2/1] *10/67*

17–19 □ APS □ Los Alamos, N. M. (*W. Whaling*) *10/67*

## JULY 1968

15–18 **Electrical Contact Phenomena** □ IPPS □ University College of Swansea, Wales (*Meetings Officer, IPPS*) [2/1] *10/67*

15 • (through Sept. 8) **Nuclear Physics** □ U. OF NORTH CAROLINA □ Chapel Hill, N.C. (*C. Dewitt, Physics Dept., U. of North Carolina, Chapel Hill, N.C. 27514*) [3/1] *12/67*

22–26 • **Rarefied Gas Dynamics** □ MASSACHUSETTS INSTITUTE OF TECHNOLOGY □ Cambridge, Mass. (*Symposium secretary, Rm. 37-412 aeronautics and astronautics dept., Massachusetts Institute of Technology, Cambridge, Mass. 02139*) [12/31] *11/67*

## AUGUST 1968

6–15 • **Medical Radioisotope Scintigraphy** □ INTERNATIONAL ATOMIC ENERGY AGENCY □ Salzburg, Austria, (*G.J. Hine & H. Vetter, Section of Nuclear Medicine, IAEA, Vienna I, Austria*) [3/1] *11/67*

The symposium will explore recent advances of methods employed for investigating the distribution of radioactivity in vivo. New types of moving-detector scanners and stationary detector scintillation cameras will be discussed.

7–9 **Ellipsometry** □ U. OF NEBRASKA

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- ELECTRON & ION PHYSICS
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## AUGUST 1968

☐ Lincoln, Neb. (*N. M. Bashara*) *9/67*

12–16 ☐ ACA ☐ Buffalo, N. Y. (*D. Harker*) *10/67*

21–23 • ☐ AAS ☐ University of Victoria, Victoria, B. C., Canada (*G. C. McVittie, University of Illinois Observatory, Urbana, Ill. 61801*) *11/67*

21–23 **Applications of X-Ray Analysis** ☐ DENVER RESEARCH INSTITUTE ☐ U. of Denver, Colo. (*J. B. Newkirk*) *10/67*

21–28 **Low Temperature Physics** ☐ U. OF ST ANDREWS ☐ St Andrews, Scotland (*D. M. Finlayson*) *10/67*

26–31 **Applied Mechanics** ☐ STANFORD U. ☐ Stanford, Calif. (*C. R. Steele*) [2/2] *10/67*

26–30 **Reactivity in Solids** ☐ INTERNATIONAL UNION OF PURE AND APPLIED CHEMISTRY ☐ Schenectady, N. Y. (*R. W. Roberts*) *10/67*

## SEPTEMBER 1968

10–15 **Magnetic Oxides** ☐ INSTITUTE OF PHYSICS OF THE ACADEMY OF SR ROMANIA ☐ Bucharest, Romania (*M. Rosenberg*) *10/67*

16–21 ☐ 15TH AMPERE COLLOQUIUM ☐ St Martin d'Hères, France (*P. Averbuch*) *9/67*

16–18 **Laser Measurements** ☐ INTERNATIONAL SCIENTIFIC RADIO UNION ☐ Warsaw, Poland (*S. Hahn* [2/1] *10/67*

23–27 • **Vacancies and Interstitials in Metals** ☐ IUPAP ☐ Jülich, Germany (*W. Schilling, Kernforschungsanlage Jülich, Institut für Festkörper und Neutronenphysik, 5170 Jülich, Postfach 365, Germany*) [5/15] *11/67*

The scope of the conference will include experimental and theoretical work on the generation and properties of vacancies and interstitials, work that gives information on the fundamental physical properties of the defects (atomistic, electronic, and magnetic structure, formation energy, vibrational behavior), on their mobility, their interactions with each other or with impurities and dislocations.

## OCTOBER 1968

8–11 • ☐ OSA ☐ Pittsburgh, Pa. (*M. E. Warga*, OSA, *2100 Pennsylvania Ave., N.W., Wash., D.C. 20037*) [7/8] *11/67*

## DECEMBER 1968

16–20 **Relativistic Astrophysics** ☐ SOUTHWEST CENTER FOR ADVANCED STUDIES ☐ Dallas (*I. Robinson*) *9/67* ☐