

CALENDAR

Because the number of calendar items has outgrown our limited space, we are changing the format with this issue. To provide you with complete information we will list only new information for two months (for example, May and June); then in the third month (July) we will publish a complete calendar as far into the future as we have information. During months with a partial calendar, readers can add new entries to their last complete calendar.

Information in the calendar is compiled from a file maintained in the PHYSICS TODAY office. Readers are invited to write or telephone for general calendar information beyond what we print. For complete information concerning an entry, readers are advised to consult the contact.

Abbreviations:

AAPT—American Association of Physics Teachers

AAS—American Astronomical Society

ACA—American Crystallographic Assoc.

APS—American Physical Society

ASA—Acoustical Society of America

OSA—Optical Society of America

S OF R—Society of Rheology

AEC—US Atomic Energy Commission

AFCLR—Air Force Cambridge Research Laboratories

ANS—American Nuclear Society

AVS—American Vacuum Society

IAEA—International Atomic Energy Agency

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:

date subject ☐ HOST ☐ Location (Contact) [submission deadline] *Physics Today* ref.

• new listing ♦ new information

MAY 1969

24-31 • **Space Technology** ☐ HELLENIC ASTRONAUTICAL SOCIETY ☐ Chania, Crete (*E. Petropoulos, Hellenic Astronautical Society, Voulis St. 14, Athens, Greece*) 5/69

26-28 • **Advances in Instrumentation for Air Pollution Control** ☐ NATIONAL AIR POLLUTION CONTROL ADMINISTRATION ☐ Cincinnati, Ohio (*A. P. Altshuller, 5710 Wooster Pike, Cincinnati, Ohio 45227*) 5/69

26-30 • **Spectroscopy** ☐ ROYAL SPANISH SOCIETY OF PHYSICS AND CHEMISTRY, COUNCIL FOR SCIENTIFIC RESEARCH ☐ Madrid (*Secretary, Spectroscopy Symposium, Serano 119, Madrid 6, Spain*) 5/69

28-31 • **Metallurgy** ☐ GERMAN SOCIETY FOR METALLURGY ☐ Berlin (*B. Trautmann, German Society for*

Metallurgy, 12 Alteburger Mühle, Köln-Marienburg, Germany) 5/69

29-30 • **Low-Energy Positrons and Positronium Physics** ☐ NATIONAL INSTITUTE FOR NUCLEAR SCIENCE AND TECHNOLOGY ☐ Saclay, France (*R. Paulin, Positron Conference, B.P. N° 6, 91 Gig-sur-Yvette, France*) 5/69

JUNE 1969

8-11 • **CANADIAN NUCLEAR ASSOCIATION** ☐ Montreal (*R. F. Gross, Canadian Nuclear Association, 11 Adelaide St. West, Toronto 1, Ontario, Canada*) 5/69

15-20 • **Underwater Acoustics** ☐ PENNSYLVANIA STATE U. (*Conference Center, Pennsylvania State U., University Park, Pa. 16802*) 5/69

17-21 • **Mössbauer Effect** ☐ HUNGARIAN

This is a partial calendar. See note at opening.

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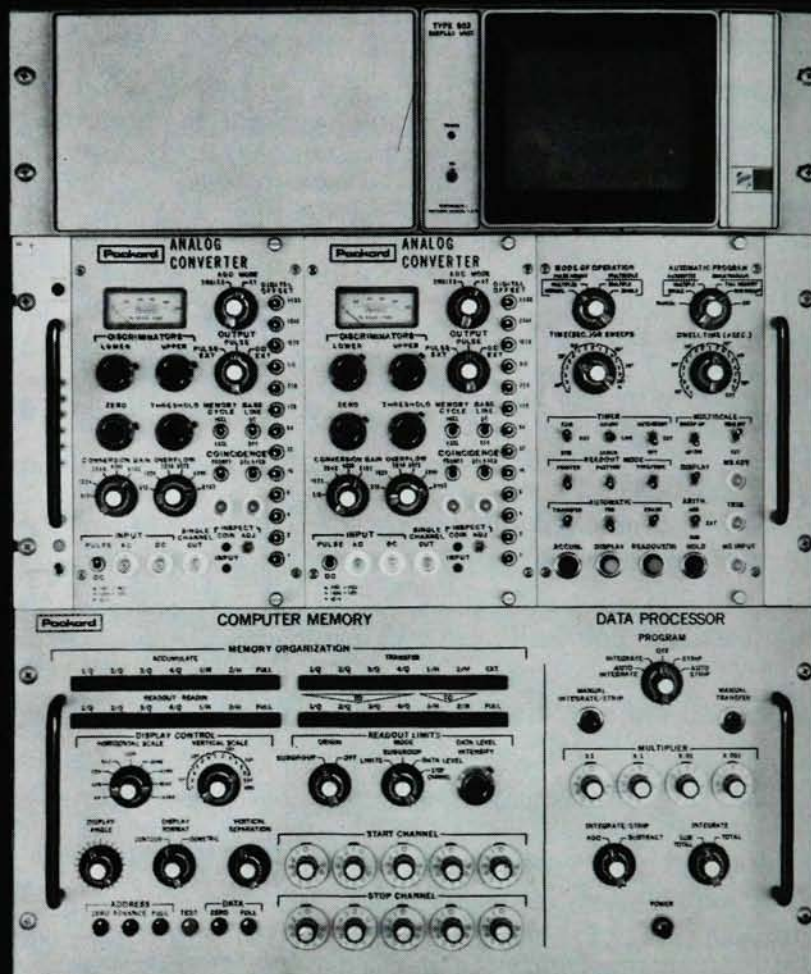
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ACADEMY OF SCIENCES; EÖTVÖS LÓRÁND PHYSICAL SOCIETY □ Tihany, Hungary (L. Pál, *Central Research Institute for Physics, P.O.B. 49, Budapest 114, Hungary*)

- 23-26 • **Physics of Fast Reactor Operation and Design** □ BRITISH NUCLEAR ENERGY SOCIETY □ London (J. G. Watson, *Institution of Civil Engineers, 1-7 Great George St., Westminster, London, S.W. 1*) 5/69

- 24-27 • **Automation in Nuclear Research** □ CENTRE DE PERFECTIONNEMENT TECHNIQUE; CENTRE D'ETUDES NUCLEAIRES DE GRENOBLE □ Grenoble, France (*Centre de Perfectionnement Technique, 80, Route de Saint-Cloud, 92-Rueil-Malmaison, France*) 5/69

- 25-1 • **Elementary Particles** □ SWEDISH DEPT. OF EDUCATION, CITY OF LUND □ Lund, Sweden (E. W. D. Steel, *Scientific Conference Secretariat, CERN, 1211 Geneva 23, Switzerland*) invitation only 5/69

JULY 1969

- 15-17 • **Nonconventional Electron Microscopy** □ ELECTRON MICROSCOPY AND ANALYSIS GROUP, IPPS □ St. Catherine's College, Oxford (*Meetings Officer, IPPS, 47 Belgrave Sq., London, S.W.1*) 5/69

- 15-19 • **NMR Spectroscopy** □ NMR DISCUSSION GROUP, THE CHEMICAL SOCIETY □ Birmingham, England (N.M.R. Discussion Group, *The Chemical Society, Burlington House, London, W.1*) 5/69

AUGUST 1969

- 13-15 • **Nuclear Metallurgy, Reprocessing of Nuclear Fuel** □ AMERICAN INSTITUTE OF MINING, METALLURGICAL AND PETROLEUM ENGINEERS □ Ames, Iowa (*American Institute of Mining, Metallurgical and Petroleum Engineers, 345 East 47 St., New York, N.Y. 10017*) 5/69

- 16-18 • **Motions In Molecular Crystals** □ FARADAY SOCIETY □ U. of Oxford (*Assistant Secretary, Faraday Society, 6, Grays Inn Square, London, W.C. 1*) 5/69

- 17-18 • **Autumn Meeting** □ BRITISH RADIO SPECTROSCOPY GROUP □ U. of Dundee, Scotland (K. J. Standley, *Carnegie Lab. of Physics, U. of Dundee, Scotland*) 5/69

- 18-23 • **High-Energy Physics** □ APS DIV. OF PARTICLES AND FIELDS, U. OF COLORADO □ U. of Colorado (K. T. Mahanthappa, *U. of Colorado, Boulder, Colo. 80302*) 5/69

- 18-29 • **Particle Physics** □ Hawaii (S. F. Tuan, *Dept. of Physics, U. of Hawaii, Honolulu, Hawaii 96822*) by invitation 5/69

- 26-29 • **Annual Meeting** □ ELECTRON MICROSCOPY SOCIETY OF AMERICA □ St. Paul, Minn. (E. C. Shaffer, *Central Res., 3 M Co., 2301 Hudson Rd., St. Paul, Minn. 55119*) 5/69

SEPTEMBER 1969

- 1-2 • **Nuclear Reaction Mechanisms and Polarization Phenomena** □ UNIVERSITÉ LAVAL □ Québec (R. J. Slobodrian, *Université*)

Laval, Cité Universitaire, Québec 10e, Canada) 5/69

- 8-12 • **Physics of Quiescent Plasmas** □ LABORATOIRE DE PHYSIQUE DES MILIEUX IONISÉS, ÉCOLE POLYTECHNIQUE □ Paris (H. J. Doucer, *Laboratoire de Physique des Milieux Ionisés, Ecole Polytechnique, 17, Rue Descartes, Paris 5e, France*) 5/69

- 9-13 • **Small Angle X-Ray Scattering in Glass And High-Temperature Materials** □ U. of Missouri at Rolla (D. Hafeli, *Extension Div., Dept. C, U. of Missouri Rolla, Mo. 65401*) 5/69

- 16-19 • **Solid State Devices** □ IPPS, IEEE, INSTITUTION OF ELECTRICAL EN-

NEW LISTING OF INSTITUTES, SHORT COURSES AND SCHOOLS

For additional listings see *Physics Today*, November, January and April.

7-18 JULY

Group Representations and Quantum Theory □ ROYAL IRISH ACADEMY □ Trinity College, Dublin (T. T. West, *School of Mathematics, Trinity College, Dublin 2, Ireland*)

7-18 JULY

1—Statistical Method in Modern Experimentation 2—Recent Advances in Radio Astronomy □ MIT □ Cambridge, Mass. (*Director, Summer Session, Room E19-356, MIT, Cambridge, Mass. 02139*)

7-18 JULY

Diffraction Processes □ CANADIAN ASSOCIATION OF PHYSICISTS □ McGill U. (*Secretary, Institute of Theoretical Physics, McGill U., Montreal, P.Q., Canada*)

7-25 JULY

Quantum Optics □ NATO ADVANCED STUDY INSTITUTE □ Edinburgh (A.G.A. Rae, *Dept. of Physics, U. of Edinburgh, Drummond St., Edinburgh 8, Scotland*)

14 JULY-1 AUGUST

Weak Interactions □ Universität Karlsruhe (U.E. Schröder, *Theoretische Physik, Universität Karlsruhe, D-7500 Karlsruhe, Kaiserstrasse 12, Germany*)

14 JULY-1 AUGUST

1-Fast Nuclear Power Reactor Safety 2-Water Cooled Power Reactor Safety □ MIT □ Cambridge (*Director, Summer Session, Room E19-356, MIT, Cambridge, Mass. 02139*)

22 JULY-29 AUGUST

Theories of Strong Interactions at High Energies □ BROOKHAVEN NATIONAL LAB. □ Upton, N.Y. (R. R. Rau, *Physics Dept., Brookhaven National Lab., Upton, N.Y. 11973*)

27 JULY-31 AUGUST

Quantum Chemistry, Solid-State Phys-

ics and Quantum Biology □ U. OF UPPSALA, U. OF FLORIDA □ 27 July-10 Aug., Uppsala, Sweden; 11-31 Aug., Beitostolen, Norway (*Director, Summer Institute, Quantum Chemistry Group, Box 518, 751 20, Uppsala 1, Sweden*)

28 JULY-8 AUGUST

Contemporary Optics □ U. OF ROCHESTER □ New York (B. J. Thompson, *Institute of Optics, U. of Rochester, Rochester, N.Y. 14627*)

4-15 AUGUST

Earth's Particles and Fields □ LOCKHEED PALO ALTO RESEARCH LAB. □ U. of California, Santa Barbara (B. M. McCormac, *Lockheed Palo Alto Research Lab., 3251 Hanover, Palo Alto, Calif. 94304*)

4-29 AUGUST

Continuum Mechanics □ VIRGINIA POLYTECHNIC INSTITUTE □ Blacksburg, Va. (D. Frederick, *Room 226, New Engineering Bldg., Virginia Polytechnic Institute, Blacksburg, Va. 24061*)

4-29 AUGUST

Infrared and Ultraviolet Absorption Spectroscopy, Industrial Spectroscopy □ ARIZONA STATE U. □ Tempe (J. Fuchs, *Director, Modern Industrial Spectroscopy, Arizona State U., Tempe, Ariz. 85281*)

11-22 AUGUST

Problems in Metals □ CANADIAN ASSOCIATION OF PHYSICISTS □ Banff, Alberta (A. Griffin, *Secretary, Banff Summer School, Dept. of Physics, U. of Toronto, Toronto 5, Ontario, Canada*)

18-29 AUGUST

Physical Measurement and Analysis □ MIT □ Cambridge, Mass. (*Director, Summer Session, Room E19-356, MIT, Cambridge, Mass. 02139*)

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In nuclear counting this photo-

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SYLVANIA
GENERAL TELEPHONE & ELECTRONICS

GINEERS, INSTITUTION OF ELECTRONIC AND RADIO ENGINEERS □ U. of Exeter (P. C. Newman, Allen Clark Research Center, Caswell, Towcester, Northamptonshire, England) [8/69] 5/69

- 17-19 • **Nuclear Fusion Reactors** □ BRITISH NUCLEAR ENERGY SOCIETY □ Culham, England (J. G. Watson, British Nuclear Energy Society, c/o The Institution of Civil Engineers, 1-7 Great George St., Westminster, London, S.W. 1) 5/69

- 24-26 • **Residual Stress** □ STRESS ANALYSIS GROUP, IPPS □ U. of Sheffield (Meetings Officer, IPPS, 47 Belgrave Sq., London S.W.1) 5/69

- 24-27 • **Amorphous and Liquid Semiconductors** □ IUPAP, ROYAL SOCIETY, U. OF CAMBRIDGE □ Cambridge, England (N. Mott, Cavendish Lab., Cambridge, England) [6/16] 5/69

- 29-1 • **Conference on Bioelectrical Impedance** □ NEW YORK ACADEMY OF SCIENCES □ New York (Simon E. Markovich, 1150 N.W. 14 St., Miami, Fla. 33136) 5/69

OCTOBER 1969

- 6-11 • **Congress of Radiology** □ INTERNATIONAL SOCIETY OF RADIOLOGY □ Tokyo, Japan (Tadashi Adachi, 12 Int. Congress of Radiology, C.P.O. Box 1910, Tokyo, Japan) 5/69

- 27-30 • **AMERICAN VACUUM SOCIETY** □ Seattle, Wash. (H. W. Schleuning, Polytechnic Institute of Brooklyn, 333 Jay St., Brooklyn, N.Y. 11201) 5/69

NOVEMBER 1969

- 15 • **AAPT NORTHERN CALIFORNIA SECTION** □ California State Polytechnic College □ San Luis Obispo (H. W. Ibser, Sacramento State College, Sacramento, Calif. 95819) 5/69

DECEMBER 1969

- 9-11 • **AAS** □ American Museum-Hayden Planetarium, New York (G. C. McVittie, University of Illinois Observatory, Urbana, Ill. 61801) 5/69

- 26-31 • **Annual Meeting** □ AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE □ Boston (D. W. Thornhill, AAAS, 1515 Massachusetts Ave., N.W., Washington D.C. 20005) 5/69 □

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60cc	< 4KeV	> 9%	8:1



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