

calendar

This is a partial calendar comprising only notices received since last month. A complete calendar is published every third month. Readers are referred to the last one, published in October, if they wish a comprehensive listing of notices. The January issue will contain the next 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 and the original PHYSICS TODAY reference.

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
 AIAA—American Institute of Aeronautics and Astronautics

ANS—American Nuclear Society
 AVS—American Vacuum Society
 IAEA—International Atomic Energy Agency
 IEEE—Institute of Electrical and Electronics Engineers
 IOP—The Institute of Physics (formerly IPPS)
 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

DECEMBER 1971

18-22 • Relativistic Astrophysics ☐ ORGANIZING COMMITTEE OF SIXTH TEXAS SYMPOSIUM ON RELATIVISTIC ASTROPHYSICS ☐ New York (A. Cameron, Belfer Graduate School of Science, Yeshiva Univ., New York, N. Y. 10033) 12/71

27-29 • ☐ APS ☐ Cambridge, Mass. (APS Committee, Dept. of Physics, Room 6-113, Massachusetts Institute of Technology, Cambridge, Mass. 02139) 12/71

JANUARY 1972

26-28 • Fundamental Interactions at High Energy ☐ CENTRE FOR THEORETICAL STUDIES ☐ Coral Gables, Fla. (Centre for Theoretical Studies, Univ. of Miami, Coral Gables, Fla. 33124) 12/71

FEBRUARY 1972

16-18 • Solid-State Circuits ☐ IEEE ☐ Philadelphia, Pa. (Meetings Information, IEEE, 345 E. 47th St, New York, N. Y. 10017) 12/71

21-3 • Elementary-Particle Physics ☐

INSTITUTE FOR THEORETICAL PHYSICS OF THE UNIV. OF GRAZ ☐ Schladming, Austria (Organizing Committee, Institute for Theoretical Physics, Univ. of Graz, Universitätsplatz 5, A-8010 Graz, Austria) 12/71

MARCH 1972

20-22 • Physical Electronics ☐ AVS ☐ Albuquerque, N. M. (W. M. Olson, CMB-5, Los Alamos Scientific Laboratory, Los Alamos, N. M. 87544) 12/71

22-24 • Accuracy in Spectrophotometry and Luminescence Measurement ☐ NBS ANALYTICAL CHEMISTRY DIVISION ☐ Gaithersburg, Md. (O. Menis, B-224, Chemistry Building, NBS, Washington, D. C. 20234) 12/71

23, 24 • ☐ NEW MEXICO CHAPTER OF AVS ☐ Albuquerque, N. M. (W. M. Olson, CMB-5, Los Alamos Scientific Laboratory, Los Alamos, N. M. 87544) [2/72] 12/71

27-31 • New Trends in Radiation Protection ☐ FRENCH SOCIETY FOR RADIATION PROTECTION ☐ Bordeaux, France (A. Gey, Saclay Center for Nuclear Studies, P. B. No. 2, F-91 Gif-Sur-Yvette, France) [12/31/71] 12/71

physics today ELECTRO OPTICS ISSUE MARCH

Featuring:

The Future of Lasers

A panel discussion moderated by Arthur Schawlow

Holography Today

State of the art review by E. Leith and J. Upatnieks, pioneer developers of the hologram.

Photon Detectors

Survey of detector development and applications ranging from the far ir through uv by R. Keyes and R. Kingston.

Concept of Stimulated Emission: A Critique

Critique of conventional textbook descriptions of this phenomenon by W. Lamb, M. Scully and M. Sargent

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- **SUNDAY:** President of the company borrowed the unit to use with his photoelectric telescope system. He measures variable stars on clear nights (a clear night is one without a meeting).
- **MONDAY:** He didn't forget it; it's back to work as usual.

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Model-482 . . . 100 Joules, 3 PPS



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NEW LISTING OF SHORT COURSES AND SCHOOLS

3-7 JANUARY 1972

Basic Principles of X-Ray Spectrometry □ SUNY AT ALBANY □ Albany, N. Y. (H. Chessin, SUNY at Albany, Dept. of Physics, 1400 Washington Ave, Albany, N. Y. 12203)

10-14 JANUARY 1972

X-Ray Spectrometry and Applications □ SUNY AT ALBANY □ Albany, N. Y. (H. Chessin, SUNY at Albany, Dept. of Physics, 1400 Washington Ave, Albany, N. Y. 12203)

Topics: Nondispersive analysis; advanced techniques; mathematical methods; computer automation of x-ray spectrometers.

24-28 JANUARY 1972

Applications of Electron-Beam Technology □ UCLA □ Los Angeles, Calif. (R. Bakish, Bakish Materials Corp, Englewood, N. J.)

APRIL 1972

10-14 • **Nuclear Activation Techniques in the Life Sciences** □ IAEA □ Ljubljana, Yugoslavia (G. B. Cook, IAEA, Kärntner Ring 11, P. O. Box 590, A-1011, Vienna, Austria) 12/71

Topics: Techniques; interpretation of data from biological systems; applications in agriculture, biochemistry, ecology, nutritional studies, pharmacuetics, pharmacology and medical research.

13 • **Astronomical Techniques for Atmospheric Determination** □ AAS, UNIV. OF WASHINGTON □ Seattle, Wash. (M. Baker, Dept. of Astronomy, Univ. of Washington, Seattle, Wash. 98105) 12/71

17-19 • **Ultrahigh Vacuum** □ VACUUM GROUP OF IOP □ Swansea, UK (Meetings Officer, IOP, 47 Belgrave Square, London SW1, UK) 12/71

18-20 • **Trends in On-Line Computer-Control Systems** □ INSTITUTION OF ELECTRICAL ENGINEERS □ Sheffield, UK (A. Cook, Institution of Electrical Engineers, Savoy Place, London WC2R 0BL, UK) 12/71

MAY 1972

7-12 • □ ELECTRONICS DIVISION OF THE ELECTROCHEMICAL SOCIETY □ Houston, Tex. (H. Huff, Texas Instruments Inc, P. O. Box 5936, M/S 144, Dallas, Tex. 75222) 12/71

Topics: Semiconductors; heterojunction and variable-composition devices and materials; electroacoustic materials and devices; luminescence.

15-18 • **Neutron Dosimetry in Biology and Medicine** □ SOCIETY FOR RADIATION AND ENVIRONMENTAL RESEARCH □ Neuherberg, Germany (Society for Radiation and Environmental Research, D-8042 Neuherger/München, Ingoldstädter Landstr. 1, Germany) 12/71

Partial calendar—see note at opening.

- 5-7 • ☐ APS ☐ Albuquerque, New Mexico (W. Havens, APS, 335 E. 45th St, New York, N. Y. 10017) 12/71
- 20-23 • **Thermophysical Properties of Solids at High Temperature** ☐ G. COLONNETTI METROLOGICAL INSTITUTE OF THE NATIONAL RESEARCH COUNCIL OF ITALY, INDUSTRIAL UNION OF TURIN ☐ Turin, Italy (G. Ruffino, G. Colonnetti Metrological Institute, Strada dell Cacce, 73, 10135 Torino, Italy) 12/71

JULY 1972

- 17, 18 • **Failure of Fiber-Reinforced Composite Materials** ☐ MATERIALS AND TESTING GROUP OF IOP ☐ Guildford, UK (Meetings Officer, IOP, 47 Belgrave Square, London SW1X 8QX, UK) 12/71

AUGUST 1972

- 20-25 ♦ **Combustion** ☐ PENNSYLVANIA STATE UNIV., COMBUSTION INSTITUTE ☐ University Park, Pa. 8/71 (Note corrected information.)
- 21-25 • **Liquid Crystals** ☐ LIQUID CRYSTAL INSTITUTE ☐ Kent, Ohio (G. H. Brown, Liquid Crystal Institute, Kent State Univ., Kent, Ohio 44242) [5/72] 12/71
- 28-1 • **Few-Particle Problems in Nuclear Interaction** ☐ IUPAP, US NATIONAL SCIENCE FOUNDATION, AEC, UNIV. OF CALIF. AT LOS ANGELES ☐ Los Angeles, Calif. (I. Slaus, Dept. of Physics, Univ. of Calif. at Los Angeles, Los Angeles, Calif. 90024) 12/71

SEPTEMBER 1972

- 5-8 • **Naturally Occurring Composite Materials** ☐ NAVAL AIR SYSTEMS COMMAND, OFFICE OF NAVAL RESEARCH, NATIONAL MATERIALS ADVISORY BOARD, UNITED AIRCRAFT RESEARCH LABS ☐ Lakeville, Conn. (F. Lemkey, United Aircraft Research Labs, East Hartford, Conn.) [8/72] 12/71
- 12-14 • **Elementary-Particle Physics** ☐ NUCLEAR PHYSICS SUBCOMMITTEE OF IOP ☐ Southampton, UK (Meetings Officer, IOP, 47 Belgrave Square, London SW1X 8QX, UK) 12/71
- 11-16 • **Ion Sources** ☐ AUSTRIAN SOCIETY FOR THE STUDY OF ATOMIC ENERGY ☐ Vienna, Austria (H. Winter, Institute for Experimental Physics, Univ. of Technology, Vienna, 1040 Vienna Karlsplatz 13, Austria) 12/71
- 18-20 • **Point Defects and Their Aggregates in Metals** ☐ IOP ☐ Sussex, UK (Meetings Officer, IOP, 47 Belgrave Square, London SW1X 8QX, UK) [6/72] 12/71 ☐



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