

calendar

JANUARY 1973

- 8-12 **Electrochemistry** □ GORDON RESEARCH CONFERENCES □ Santa Barbara, Calif. 12/72
- 9-12 □ AAS □ Las Cruces, N.M. 12/72
- 10-12 □ ELEVENTH AIAA AEROSPACE SCIENCES MEETING □ Washington, D. C. 12/72
- 15-17 **Lunar Dynamics and Observational Coordinate Systems** □ LUNAR SCIENCE INSTITUTE □ Houston, Tex. 12/72
- 15-18 □ ACA □ University of Florida 12/72
- 15-19 **Polymers** □ GORDON RESEARCH CONFERENCES □ Santa Barbara, Calif. 12/72
- 22-26 **Nuclear Power Plant Control and Instrumentation** □ IAEA □ Prague, Czechoslovakia 7/72
- 29-1 □ APS-AAPT □ New York
- 31 • □ SPS REGIONAL MEETING (ZONE 2) □ Old Westbury, N. Y. (E. F. Pulver, Dept. of Physics, N. Y. Inst. of Tech., Old Westbury, N. Y. 11579) 1/73
- 31-2 ♦ □ WESTERN SPECTROSCOPY

ASSOCIATION □ Pacific Grove, Calif. (Note corrected date) 7/72

FEBRUARY 1973

- 1,2 **Applied Vacuum Science and Technology** □ AVS SOUTH-EASTERN REGIONAL ADMINISTRATIVE GROUP □ Tampa, Fla. 12/72
- 5-8 **Metallurgical Effects at High Strain Rates** □ SANDIA LABS, AMERICAN INSTITUTE OF MINING, METALLURGICAL AND PETROLEUM ENGINEERS □ Albuquerque, N. M. 6/72
- 5-9 **Principles and Standards of Reactor Safety** □ IAEA □ Julich, Germany 10/72
- 14-16 **Solid-State Circuits** □ IEEE □ Philadelphia, Pa. 11/72
- 18-24 **The Effects of Low-Frequency Magnetic and Electric Fields on Biological Communication Processes** □ NSF, NEUROELECTRIC SOCIETY, INTERNATIONAL INSTITUTE FOR MEDICAL ELECTRONICS AND BIOLOGICAL ENGINEERING □ Snowmass-at-Aspen, Colo. 11/72
- 20, 21 **Precision and Accuracy in Pressure and Force Measurement**

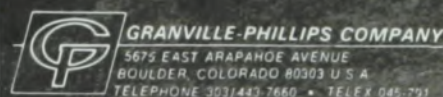
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This is a complete calendar of physics-related meetings. For the next two months we will publish only new information (partial calendars); in the third month (April) we will again publish a complete calendar.

Abbreviations:

AAPT—American Association of Physics Teachers
AAS—American Astronomical Society
ACA—American Crystallographic Association
APS—American Physical Society
ASA—Acoustical Society of America
OSA—Optical Society of America
SPS—Society of Physics Students
S of R—Society of Rheology
AAPM—American Association of Physicists in Medicine
AEC—US Atomic Energy Commission
AIAA—American Institute of Aeronautics and Astronautics

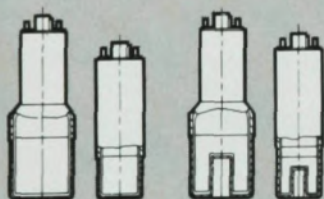
ANS—American Nuclear Society
ASTM—American Society for Testing and Materials
AVS—American Vacuum Society
EPS—European Physical Society
IAEA—International Atomic Energy Agency
IEEE—Institute of Electrical and Electronics Engineers
IOP—The Institute of Physics
IUPAP—International Union of Pure and Applied Physics
NAS—National Academy of Sciences
NBS—National Bureau of Standards
NSF—National Science Foundation
ONR—Office of Naval Research
ORNL—Oak Ridge National Laboratory

Code:
late subject □ HOST □ Location (Contact) [submission deadline] *Physics Today*
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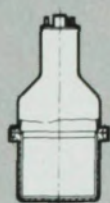
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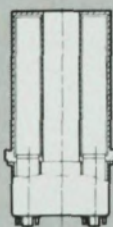


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5-17 FEBRUARY

Recent Developments in Mathematical Physics □ INSTITUT FÜR THEORETISCHE PHYSIK DER UNIVERSITÄT GRAZ □ Schladming, Austria (Organizing Committee, Institut für Theoretische Physik, Universität Graz, Universitätsplatz 5, A-8010, Graz, Austria)

5-9 MARCH

Laser Safety □ UNIVERSITY OF CINCINNATI □ Cincinnati, Ohio (Laser Safety Course, CONMED, 114 Medical College, Cincinnati, Ohio 45219)

26-30 MARCH

Integrated Optics □ UNIV. OF CALIF. AT SANTA BARBARA □ Santa Barbara, Calif. (S. Goren, Director, Basic and Applied Sciences, Univ. of Calif. Extension, Santa Barbara, Calif. 93106)

8-28 JULY

Fluid Dynamics □ UNIV. OF GRENoble, NATO ADVANCED STUDY INST.

PROGRAM □ Les Houches, France (Ecole d'Eté de Physique Théorique, 74310-Les Houches, France) [3/15/73]

Topics: Mathematical methods in fluid dynamics, general structure of flows, turbulence, transport properties in flows.

29 JULY-18 AUGUST

Phenomenology of Particles at High Energies □ UNIVERSITY OF EDINBURGH □ Edinburgh, UK (K. C. Bowler, Dept. of Physics, James Clerk Maxwell Bldg., The King's Buildings, Mayfield Road, Edinburgh EH9 3JZ, UK)

29 JULY-1 SEPTEMBER

Molecular Fluids □ UNIV. OF GRENoble, NATO ADVANCED STUDY INST. PROGRAM □ Les Houches, France (Ecole d'Eté de Physique Théorique, 74310-Les Houches, France) [3/15/73]

Lecturers: C. Brot, G. Durand, S. F. Edwards, J. D. Ferry, P. G. de Gennes, R. B. Meyer, W. H. Stockmayer, R. Zwanzig.

FEBRUARY 1973

□ IOP □ Teddington, UK 11/72

MARCH 1973

1-7 **Particle Accelerators** □ IEEE, AEC, NSF, APS □ San Francisco, Calif. 8/72

2-16 **Nuclear Data in Science and Technology** □ IAEA □ Paris, France 10/72

3-16 □ OSA □ Denver, Colo. 4/72

5, 16 **Thin Film Phenomena** □ APS, AVS □ San Jose, Calif. 11/72

9-21 **Optical Storage of Digital Data** □ OSA □ Boulder, Colo. 4/72

3-22 □ APS □ San Deigo, Calif. 12/72

3-22 • □ HIGH POLYMER PHYSICS DIVISION OF APS □ San Diego, Calif. (J. L. Koenig, Dept. of Macromolecular Science, Case Western Reserve University, Cleveland, Ohio 44106) 1/73

1-28 **Physical Electronics** □ DIVISION OF ELECTRON AND ATOMIC PHYSICS OF APS □ Berkeley, Calif. 9/72

1-28 **Engineering Aspects of Magnetohydrodynamics** □ STANFORD UNIV. □ Stanford, Calif. 10/72

1-30 **Photonuclear Reactions and Applications** □ APS, IUPAP, AEC □ Pacific Grove, Calif. 10/72

26-30 **New Developments in Radio-pharmaceuticals and Labelled Compounds** □ IAEA □ Copenhagen, Denmark 7/72

27-29 **Ultrasonics** □ ORGANIZING COMMITTEE OF ULTRASONICS INTERNATIONAL 1973 □ London, UK 10/72

28-30 **Nuclear Structure and High Energy Physics** □ NUCLEAR PHYSICS SUBCOMMITTEE OF IOP □ Liverpool, UK 8/72

APRIL 1973

2-6 **Waves and Instabilities in Plasmas** □ INSTITUTE OF THEORETICAL PHYSICS OF THE UNIV. OF INNSBRUCK □ Innsbruck, Austria 7/72

3, 4 **Magnetic Resonance in Conducting Materials** □ BRITISH RADIO SPECTROSCOPY GROUP □ Sheffield, UK 9/72

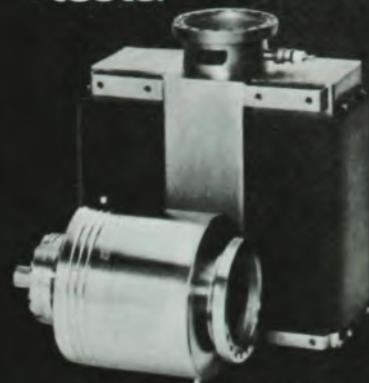
6, 7 • □ OHIO SECTION OF APS □ Springfield, Ohio (P. Hagelberg, Dept. of Physics, Wittenberg Univ., Springfield, Ohio 45501) 1/73

9-11 **Thin Films** □ IOP □ Lancaster, UK 8/72

9-11 **Vacuum Science** □ NEW MEXICO CHAPTER OF AVS □ Albuquerque, N. M. 9/72

9-13 **Solid Compounds of Transition Elements** □ ORGANIZING COMMITTEE OF 4TH INTERNATIONAL CONFERENCE ON

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APRIL 1973

SOLID COMPOUNDS OF TRANSITION ELEMENTS □ Geneva, Switzerland 2/72

10-13 Atomic and Molecular Physics □ ATOMIC AND MOLECULAR PHYSICS SUBCOMMITTEE OF IOP □ Newcastle-upon-Tyne, UK 7/72

11-13 Optical Instrumentation in Highway and Traffic Engineering □ SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS, US DEPT. OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION □ Washington, D. C. 9/72

13, 14 • Irreversibility, Time Reversal and the Expanding Universe □ NEW YORK SECTION OF APS □ Cortland, N. Y. (B. Leaf, Dept. of Physics, SUNY College, Cortland, N. Y. 13045) 1/73

16, 17 Contributions of Basic Heat Transmission Measurement to the Design and Behavior of Thermal Insulation Systems □ ASTM COMMITTEE ON THERMAL AND CRYOGENIC INSULATING MATERIALS □ Philadelphia, Pa. 12/72

16-18 The Liquid State: Van Der Waals Centenary □ SOLID STATE SUBCOMMITTEE OF IOP, UNIV. OF KENT □ Canterbury, UK 11/72

23-26 □ APS □ Washington, D. C. 12/72

24-27 Magnetism □ MAGNETICS SOCIETY OF IEEE, ONR □ Washington, D. C. 12/72

25-27 Nondestructive Evaluation □ SOUTH TEXAS SECTION OF AMERICAN SOCIETY FOR NON-DESTRUCTIVE TESTING, SOUTHWEST RESEARCH INSTITUTE □ San Antonio, Tex. 12/72

30-1 Electro-Optics—Principles and Applications □ SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS, OSA □ Boston, Mass. 9/72

30-2 Instrumentation in Vacuum Processes □ VACUUM GROUP OF IOP □ London, UK 10/72

MAY 1973

1, 2 Electron Device Techniques □ ADVISORY GROUP ON ELECTRON DEVICES, IEEE ELECTRON DEVICES GROUP □ New York, N. Y. 11/72

4-7 Electrostatic Accelerators □

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SCIENCE RESEARCH COUNCIL
□ Daresbury, UK 8/72

3-18 Silicon Materials Science and Technology □ ELECTRONICS AND ELECTROTHERMICS AND METALLURGY DIVISION OF THE ELECTROCHEMICAL SOCIETY □ Chicago, Ill. 7/72

3-25 Phase Transitions and Applications □ ONR, MATERIALS RESEARCH SOCIETY □ University Park, Pa. 12/72

10-1 Laser Engineering and Applications □ IEEE QUANTUM ELECTRONICS COUNCIL, OSA □ Washington, D. C. 11/72

10-1 The Use of Low Energy Accelerators □ POLYTECHNIC OF THE SOUTH BANK, IOP □ London, UK 11/72

JUNE 1973

-8 Radioimmunoassay and Related Procedures □ IAEA □ Istanbul, Turkey 12/72

6 Nuclear Magnetic Resonance in Nonmetals □ BRITISH RADIO SPECTROSCOPY GROUP □ Brighton, UK 12/72

-20 Strontium-Containing Compounds □ NOVA SCOTIA TECHNICAL COLLEGE □ Nova Scotia, Canada 11/72

-21 □ HEALTH PHYSICS SOCIETY □ Miami Beach, Fla. 11/72

-22 • □ ACA □ University of Connecticut, Storrs, Conn. (E. E. Snider, Administrative Secretary, ACA, 335 East 45th St, New York, N. Y. 10017) 1/73

-22 • High Energy Physics and Nuclear Structure □ IUPAP □ Uppsala, Sweden (G. Tibell, Gustaf Werner Inst., Box 531, S-751 21 Uppsala, Sweden) 1/73

-29 Critical Evaluation of Chemical and Physical Structural Information □ COMMITTEE ON CHEMICAL CRYSTALLOGRAPHY OF NAS, RESEARCH COUNCIL OF NSF □ Hanover, N. H. 12/72

JULY 1973

Scanning Electron Microscopy Systems and Applications □ ELECTRON MICROSCOPY AND ANALYSIS GROUP OF IOP □ Newcastle-upon-Tyne, UK 11/72

Molecular Motions in Liquids □ SOCIETY OF PHYSICAL CHEMISTRY □ Paris, France 3/72

Molecular Beams □ ORGANIZING COMMITTEE OF FOURTH INTERNATIONAL SYMPOSIUM

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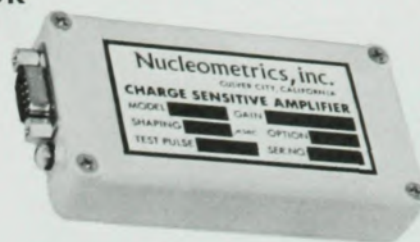
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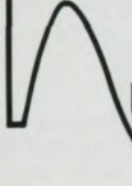


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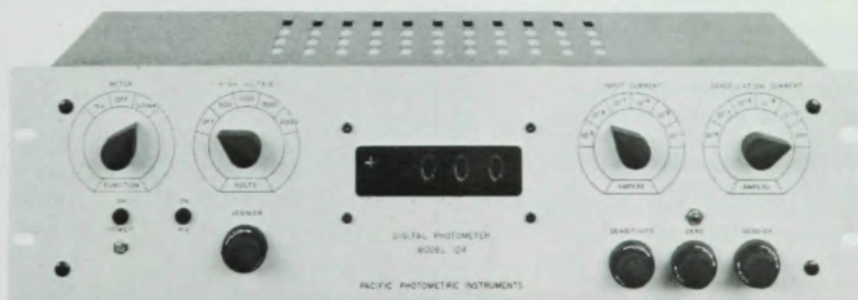
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128 PHYSICS TODAY / JANUARY 1973

JULY 1973

ON MOLECULAR BEAMS □
Cannes, France 4/72

10-13 **Gasdynamics of Explosions and Reactive Systems** □ INTERNATIONAL ACADEMY OF ASTRO-NAUTICS □ La Jolla, Calif. 9/72

16-19 **Shock Tubes** □ NINTH INTERNATIONAL SHOCK TUBE SYM-POSIUM □ Stanford, Calif. 11/72

23-26 **Impact Ionization** □ EPS □ Lon-
don, UK 10/72

29-3 □ ANNUAL MEETING OF AAPM
□ San Diego, Calif. 12/72

AUGUST 1973

6-8 **Thermophysical Properties** □
AMERICAN SOCIETY OF ME-
CHANICAL ENGINEERS □ At-
lanta, Ga. 10/72

13-15 **Formation and Dynamics of Galaxies** □ INTERNATIONAL ASTRONOMICAL UNION □ Can-
berra, Australia 3/72

14-16 **New Problems of Astrometry** □
INTERNATIONAL ASTRONOMI-
CAL UNION □ Perth, Australia
3/72

14-16 • **Microwave Semiconductor De-
vices** □ CORNELL UNIVERSITY
□ Ithaca, N. Y. (L. F. Eastman,
Cornell School of Electrical En-
gineering, Phillips Hall, Ithaca,
N. Y. 14850) 1/73

16-18 **Stellar Instability and Evolution** □
INTERNATIONAL ASTRONOMI-
CAL UNION □ Canberra, Aus-
tralia 3/72

17-30 ♦ **Cosmic Rays** □ IUPAP □ Den-
ver, Colo. (Note corrected date.)
5/72

20-25 **Magnetism** □ SCIENTIFIC
COUNCIL OF SOLID STATE
PHYSICS, USSR ACADEMY OF
SCIENCES □ Moscow, USSR
10/71

27-1 **Nuclear Physics** □ IUPAP, EPS
□ Munich, Germany 12/72

29-31 □ FIFTH INTERNATIONAL CON-
FERENCE ON SOLID STATE DE-
VICES □ Tokyo, Japan 12/72

29-1 • **Rare Earth Metals** □ DANISH
ATOMIC ENERGY COMMIS-
SION, EPS □ Elsinore, Denmark
(J. G. Houmann, Physics De-
partment, Danish Atomic Energy
Commission, Research Estab-
lishment Risø, DK 4000 Roskilde,
Denmark) 1/73

SEPTEMBER 1973

3-6 **Chemical Thermodynamics** □

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AUSTRIAN CHEMICO-PHYSICAL SOCIETY □ Baden, Austria 12/72

3-7 Galactic Radio Astronomy □ INTERNATIONAL ASTRONOMICAL UNION □ Parkes, Australia 3/72

3-7 Fine Structure of the Chromosphere □ INTERNATIONAL ASTRONOMICAL UNION □ Surfers' Paradise, Australia 3/72

5-8 Gravitational Radiation and Gravitational Collapse □ INTERNATIONAL ASTRONOMICAL UNION □ Warsaw, Poland 3/72

5-8 Stability of the Solar System and of Smaller Stellar Systems □ INTERNATIONAL ASTRONOMICAL UNION □ Warsaw, Poland 3/72

7-11 Coronal Disturbances □ INTERNATIONAL ASTRONOMICAL UNION □ Surfers' Paradise, Australia 3/72

10-12 Confrontation of Cosmological Theories with Observational Data □ INTERNATIONAL ASTRONOMICAL UNION □ Cracow, Poland 3/72

10-12 Exploration of the Planetary System □ INTERNATIONAL ASTRONOMICAL UNION □ Torun, Poland 3/72

10-12 Late Stages of Stellar Evolution □ INTERNATIONAL ASTRONOMICAL UNION □ Warsaw, Poland 3/72

10-14 Phenomena in Ionized Gases □ ORGANIZING COMMITTEE OF 11TH INTERNATIONAL CONFERENCE ON PHENOMENA IN IONIZED GASES □ Prague, Czechoslovakia 8/72

10-14 • Mass Spectrometry □ 6TH INTERNATIONAL MASS SPECTROMETRY CONFERENCE □ Edinburgh, UK (C. H. Maynard, Institute of Petroleum, 61 New Cavendish St, London W1M 8AR, UK) 1/73

12-14 Physics of Semimetals and Narrow-Gap Semiconductors □ UNIV. OF WALES INSTITUTE OF SCIENCE AND TECHNOLOGY, UNIV. COLLEGE OF CARDIFF, SOLID-STATE PHYSICS SUBCOMMITTEE OF IOP □ Cardiff, UK 7/72

18-21 • Solid State Devices □ EPS, GERMAN PHYSICAL SOCIETY, IOP, IEEE □ Munich, Germany (F. Coers, German Section IEEE, 6 Frankfurt/Main 70, Stresemann

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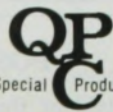
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20, 21 • **Properties of Building Materials**
□ MATERIALS AND TESTING
GROUP OF IOP □ Cambridge,
UK (Meetings Officer, IOP, 47
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23-26 • **Optical Properties of Thin Films**
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Southampton, UK (Meetings Of-
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24-28 **Noble Gases** □ US ENVIRON-
MENTAL PROTECTION AGEN-
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Vegas, Nev. 10/72

NOVEMBER 1973

5-7 □ THIRTEENTH INTERNATIONAL
CONFERENCE ON THERMAL
CONDUCTIVITY □ Lake of the
Ozarks, Mo. 12/72

DECEMBER 1973

10-14 • **Science of Materials** □ IOP □
Christchurch, New Zealand (J.
Campbell, Physics Dept., Univer-
sity of Canterbury, Christchurch,
New Zealand) 1/73

JULY 1974

23-31 • **Acoustics** □ BRITISH ACOUSTI-
CAL SOCIETY, IOP, INTERNA-
TIONAL COMMISSION ON
ACOUSTICS □ London, UK (Ad-
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International Congress on Acous-
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University (E. E. Snider, Admin-
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East 45th St, New York, N. Y.
10017) 1/73

SEPTEMBER 1974

18, 19 **Electrical Properties of Polymers**
□ POLYMER PHYSICS GROUP
OF IOP □ Cardiff, UK 12/72

APRIL 1975

9-11 • **Temperature Measurement** □
MATERIALS TESTING GROUP
OF IOP, INSTITUTE OF MEA-
SUREMENT AND CONTROL, IN-
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