CALENDAR

This is a complete calendar. Its lists all physics-related meetings known to us. For the next two months we will publish only new information (partial calendar); in the third month (April) we will again 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 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
AFCRL—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

JANUARY 1970

6–8 **Solid-State Physics** □ IPPS □ U. of Manchester *(Meetings Officer) 6/69*

7–9 • **Polymer Chain Flexibility** □ BRITISH POLYMER PHYSICS GROUP □ University of Essex UK (*M. Gordon, Chem. Dept., Univ. of Essex, Colchester, Essex, UK.*) *1/70*

14–16 **Engineering with Nuclear Explosives** □ ANS, AEC □ Las Vegas *(G. W. Johnson) 6/69*

16 □ NY ACAD SCI □ 2 E. 63 St., N. Y. *(J. Lebowitz, Belfer School, 186 St. N. Y.)*

Topics: Implications of general relativity for astrophysics.

19–23 **Electrochemistry** □ GORDON RESEARCH CONFERENCES □ Santa Barbara, Calif. *(Alexander M. Cruickshank) 12/69*

25 • **Mossbauer Spectroscopy** □ MOSSBAUER SYMPOSIUM COMMITTEE □ Chicago (*Carl Seidel, New England Nuclear Corp., 575 Albany St., Boston, Mass. 02118) 1/70*

26–29 □ APS-AAPT □ Chicago *(W. W. Havens Jr) 10/69*

26–30 **Polymers** □ GORDON RESEARCH CONFERENCE □ Santa Barbara, Calif. *(Alexander M. Cruickshank) 12/69*

30 • **Elementary Particles** □ NORTHWESTERN UNIV. □ Evanston, Ill. (*L. M. Brown, Physics Dept., Northwestern Univ., Evanston*) *1/70*

FEBRUARY 1970

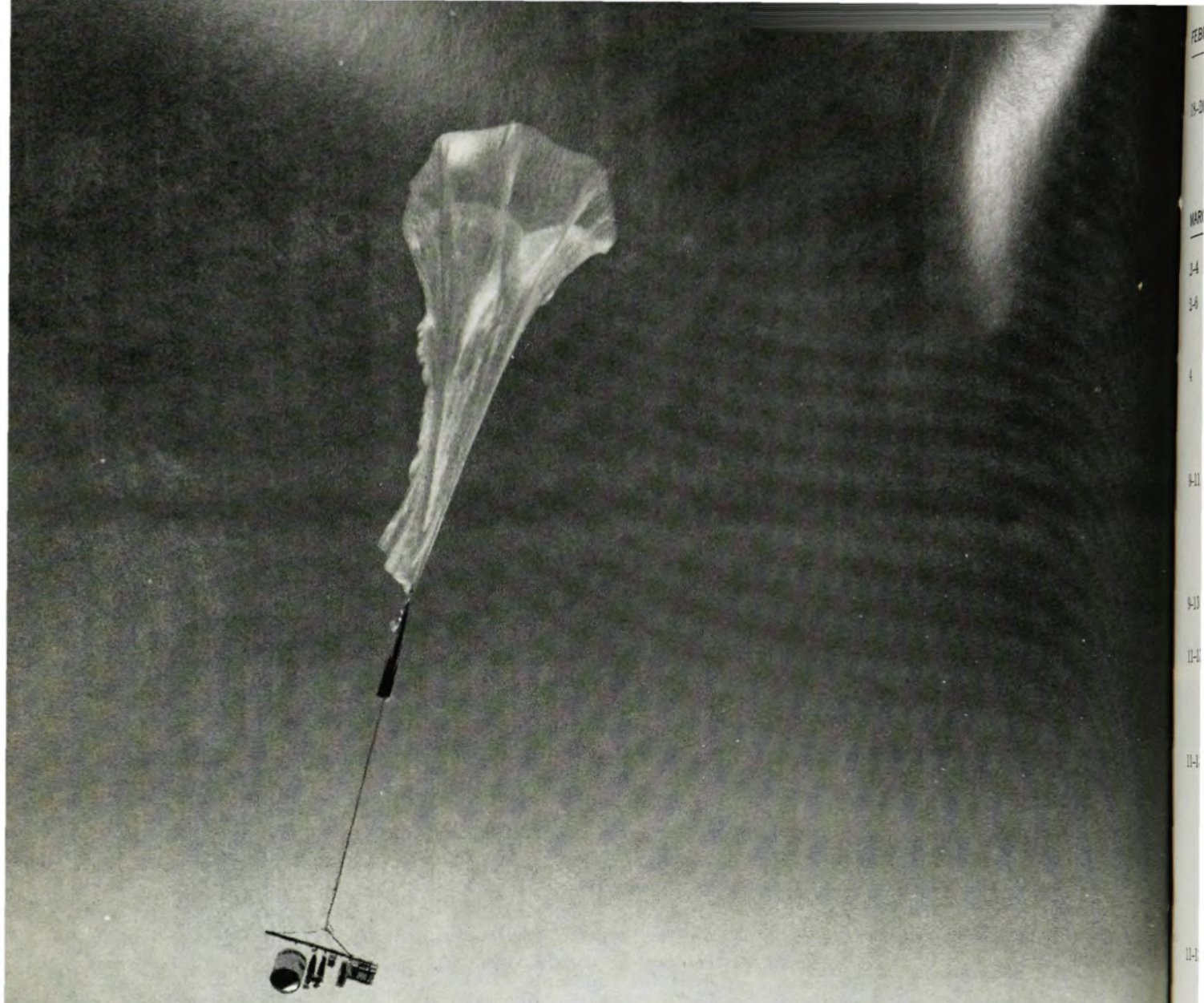
2–4 □ S OF R □ Pasadena, Calif.

4 • **Recent Developments in Magnetic Devices** □ IPPS MAGNETISM GROUP, INSTITUTE OF ELECTRICAL ENGINEERS (BRITISH) □ London *(Meetings Officer 47 Belgrave Sq., London S W 1, UK) 1/70*

6 **Mardi Gras Symposium on Theoretical Chemistry** □ MARDI GRAS SYMPOSIUM COMMITTEE, LOYOLA UNIVERSITY □ New Orleans *(D. J. Miller) 11/69*

14 • □AAPT KENTUCKY SECTION □ Lexington (*G. K. Miner, Physics Dept., Thomas More College, Covington, Ky.) 1/70*

16–20 **Handling of Nuclear Information** □ AEC, IAEA □ Vienna, Austria



SUPERCON INTRODUCES A NEW HIGH WIRE ACT.

Research balloons like this have been performing chemical and energy analysis of cosmic rays at altitudes over 20 miles. Sounds like Buck Rogers stuff, but it's been made possible by new lightweight superconducting magnets that haven't the size and weight limitations of conventional magnets and power supplies.

SUPERCON superconducting material is a key factor in the light weight and smaller size of these magnets. This one for example, was built by Super Magnetics of Concord, California with SUPERCON 30 mil diameter type G wire. This magnet achieved a field of 10 kG in a one foot diameter bore (55kG at the winding) with a current of 150 amperes. That's essentially short sample performance, too. For obvious reasons, similar magnets are planned for the first space stations. SUPERCON also makes dependable, economic superconductive material for other, down-to-earth uses. It's available in a wide variety of single and multifilament compositions for all current and field applications up to 80 kG. For more information, contact: SUPERCON Division, Norton Company, 9 Erie Drive, Natick, Massachusetts 01760, or call Dr. James Wong at 617-655-0500.

NORTON SUPERCON DIVISION

FEBRUARY 1970

(J. H. Kane) 7/69

18–20 **IEEE International Solid-State Circuit Conference** □ IEEE SOLID-STATE CIRCUITS COUNCIL, U. OF PENN. □ Philadelphia *(L. D. Wechsler) 10/69*

MARCH 1970

2–4 □ ACA □ New Orleans

2–6 □ SOLAR ENERGY SOCIETY □ Melbourne, Australia *(John I. Yellott) 11/69*

4 **Electroluminescent Solid-State Devices** □ IPPS ELECTRONICS GROUP, IEE ELECTRONICS GROUP □ London *(Meetings Officer)* [1/70] *11/69*

9–11 **10th International Technical and Scientific Meeting on Space** □ RASSEGNA INTERNAZIONALE ELETTRONICA NUCLEARE E TELERADIOCINEMATOGRAFICA □ Rome *(Secretary) 11/69*

9–13 **Fast-Breeder Reactors** □ IAEA □ Vienna (IAEA) *11/69*

11–13 **Nuclear Radiation Detectors and their Applications** □ NUCLEAR SCIENCE GROUP OF THE IEEE, NBS, AEC □ Washington, D. C. *(R. L. Chase) 10/69*

11–13 **International Seminar on Digital Processing of Analog Signals** □ IEEE, DANISH ACOUSTICAL SOCIETY, GROUPEMENT DES ACOUSTICIENS DE LANGUE FRANCAISE, NACHRICHTENTECHNISCHE GESELLSCHAFT, SCHWEIZERISCHER ELEKTROTECHNISCHER VEREIN □ Zurich, Switzerland *(E. H. Rothauser) 10/69*

11–13 **Scintillation and Semiconductor Counters** □ IEEE, AEC, NBS □ Wash., D. C. *(R. L. Chase) 12/69*

16–19 **17th International Scientific Congress on Electronics** □ RASSEGNA INTERNAZIONALE ELETTRONICA NUCLEARE E TELERADIOCINEMATOGRAFICA □ Rome *(Secretary) 11/69*

16–20 **Fourier Spectroscopy** □ AFCRL □ Aspen, Colo. *(G. Vanasse) 7/69*

16–21 **Plasma Physics, Fast Processes, Mass Spectroscopy** □ SIEMENS CO. □ Munich *(K. H. Becht) 11/69*

20–22 **Physics of Semimetals and Narrow Band-Gap Semiconductors** □ APS □ Dallas *(D. L. Carter)* [12/69] *10/69*

23–26 • □ APS □ Dallas *1/70*

23–27 **Progress in Sodium-Cooled Fast-Reactor Engineering** □ IAEA, AEC □ Monaco *(John H. Kane 12/69*

24–26 **Engineering Aspects of Magnetohydrodynamics** □ CAL TECH □ Pasadena *(Lance G. Hays)* [12/69] *10/69*

30–1 **Physical Electronics Conference** □ U. OF WISCONSIN □ Milwaukee *(D. Lichtman)* [2/70] *8/69*

31–2 **International Microwave Research Symposium** □ POLYTECHNIC INSTITUTE OF BROOKLYN □ New York *(J. Fox) 11/69*

31–3 **Yield, Deformation and Fracture of Polymers** □ COMMITTEE OF BRITISH SOCIETIES □ Churchill College, Cambridge *(Meetings Officer) 6/69*

APRIL 1970

1–3 **X-ray Analysis—Past, Present and Future** □ IPPS, INTERNATIONAL UNION OF CRYSTALLOGRAPHY □ Royal Institution, London *(Meetings Officer) 11/69*

1–4 **Thermodynamics** □ IPPS, IUPAP, IUPAC □ University College, Cardiff *(Meetings Officer) 7/69*

2, 3 **Applications of High-voltage Electron Microscopy** □ IPPS, ROYAL MICROSCOPICAL SOCIETY, ATOMIC ENERGY RESEARCH ESTABLISHMENT □ AERE, Harwell *(Meetings Officer) 11/69*

3, 4 **Midwest Theory Conference** □ UNIV. OF NOTRE DAME □ Notre Dame, Indiana *(W. D. McGlinn) 12/69*

5,6 • **Medical Acoustics** □ BRITISH ACOUSTICAL SOCIETY □ Dundee, Scotland *(W. Taylor, Brit. Acoust. Soc., Birdcage Walk, London S W 1, UK) 1/70*

6–8 **Resonance in Conducting Materials** □ UNIV. OF WARWICK □ Univ. of Warwick, Coventry, Warwickshire, UK *(R. Dupree) 12/69*

6–8 • **Thin Films** □ IPPS THIN FILMS AND SURFACES GROUP □ Reading, UK *(Meetings Officer, 47 Belgrave Sq., London S W 1, UK) 1/70*

6–9 • **Experimental Thermodynamics** □ London *(R. J. Irving, Chem. Dept., Univ. of Surrey, Battersea Park Rd., London S W 1, UK) 1/70*

7–9 **Nuclear Physics** □ IPPS □ Guildford, Surrey, England *(Meetings Officer) 7/69*

7–10 **Thermophysical Properties of Solids at High Temperatures** □ IPPS SOLID STATE PHYSICS SUBCOMMITTEE, BRITISH CERAMIC SOCIETY, SOCIETY OF CHEMICAL INDUSTRY □ Risley, Warrington *(Meetings Officer) 8/69*

7–10 □ OSA □ Philadelphia, Pa.

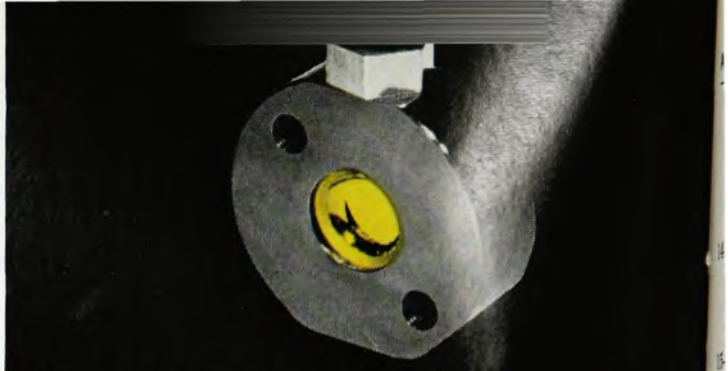
11 □ AAPT MICHIGAN SECTION □ Jackson Community College *(J. M. Barnes)* [3/70] *8/69*

12–16 **The Environmental Challenge of the Seventies** □ INSTITUTE OF ENVIRONMENTAL SCIENCES □ Boston, Mass. *(Technical Program Committee) 10/69*

13–15 • **Very Long Baseline Interferometry** □ INTERNATIONAL SCIENTIFIC RADIO UNION, NATIONAL RADIO

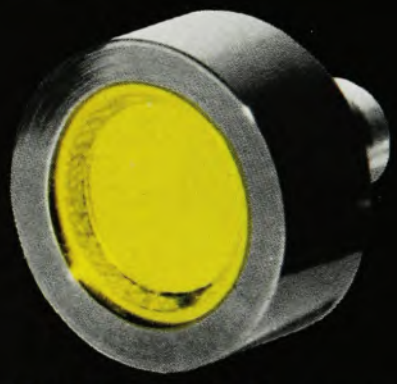
HARSHAW'S OWN

SILICON SURFACE BARRIER RADIATION DETECTORS



TOTALLY DEPLETED detectors offer state-of-the-art resolutions for dE/dx or E+/dx measurements. To minimize channeling, the detectors are cut off-axis from ultra-pure high-resistivity N-type float-zone-refined silicon. Thickness ranges from 50 microns to 1000 microns in areas of 25 mm^2 to 450 mm^2.

Detectors are sensitive from either side and have a 40 microgram/cm^2 gold entrance window and a 40 microgram/cm^2 aluminum back contact. Available in a transmission type (black chrome plated) brass can with an axial mount connector. Or in a ring mount for the user who provides the mount for special geometrical arrangement.



PARTIALLY DEPLETED detectors for nuclear particle spectrometry where the full range of the incident charged particle in silicon does not exceed the depletion depth (in microns). The detectors are cut off-axis from ultra-pure high-resistivity N-type float-zone-refined silicon. Available in depletion depths from 100μ to 1000μ with active areas from 25 mm^2 to 450 mm^2.

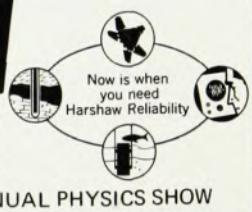
Detectors have a 40μ gm/cm^2 gold entrance window. They offer stable operation for low level spectroscopy in atmospheric pressure, in vacuum and in positive pressure.

Detectors are mounted in black chrome plated brass cans with an axial Microdot connector. BNC connectors or ring mounted configurations also available.

NEW (NB-26) HARSHAW FET Preamplifier for use with these Silicon Surface barrier detectors. (Also for proportional counters and diffused junction or scintillation detectors.) This low cost, high quality preamp is compatible with most amplifiers and is pole zero compensated. Where possible, linear integrated circuits have been used. Output pulse is positive. Output impedence very low. Noise levels less than 6 Kev. Sensitivity for silicon detectors is 500 mv/mev.

HARSHAW

HARSHAW



The Harshaw Chemical Company • Division of Kewanee Oil Company
Crystal & Electronic Products Department
6801 Cochran Road, Solon, Ohio 44139 • Phone: 216 248-7400

VISIT HARSHAW BOOTHS 343-344 AT 18th ANNUAL PHYSICS SHOW

APRIL 1970

ASTRONOMY OBSERVATORY □ Charlottesville, Va. *(J. W. Findlay, Natl Radio Astronomy Observatory, Charlottesville, Va 22901)* [1/70] *1/70*

14–17 **Geoscience Electronics** □ IEEE-GEOSCIENCE ELECTRONICS GROUP □ Washington, D. C. *(Ralph Bernstein) 10/69*

15–17 • **Polymer Solutions** □ FARADAY SOCIETY □ Manchester *(The Faraday Society, 6 Gray's Inn Square, London WC1) 1/70*

16 • **Electrons in Liquid Metal and Other Disorganized Materials** □ ROYAL SOCIETY □ London *(Burlington House, London W 1, UK) 1/70*

21–24 **Magnetics** □ MAGNETICS GROUP, IEEE □ Washington, D. C. *(D. S. Shull, Jr) 8/69*

21–24 □ ASA □ Atlantic City, N. J.

22–24 **Southwestern IEEE Conference** □ SOUTHWESTERN IEEE CONFERENCE STEERING COMMITTEE □ Dallas *(Andrew P. Sage) 11/69*

27–29 **Frequency Control** □ ELECTRONIC COMPONENTS LAB., US ARMY ELECTRONICS COMMAND □ Fort Monmouth, N. J. *(J. M. Stanley) 12/69*

27–29 • **Use of Low Energy Accelerators** □ BOROUGH POLYTECHNIC □ London *(A. J. Higgins, Physics Dept., Borough Polytechnic, London SE 1, UK) 1/70*

27–30 □ APS □ Washington, D. C.

28–30 **III Annual Scanning Electron Microscope Symposium** □ Chicago, Ill. *(Om Johari) 9/69*

MAY 1970

1, 2 **Experimental Meson Spectroscopy** □ UNIV. OF PA. □ Phila., Pa. *(Jules Halpern) 12/69*

3–8 **Radiation and Man** □ II INTERNATIONAL CONGRESS ON RADIATION PROTECTION □ Brighton, UK *(B. Godbold) 9/69*

4, 5 **Transducers** □ IEEE □ Gaithersburg, Md. *(H. P. Kalmus) 12/69*

8, 9 □ APS OHIO SECTION □ Cincinnati, Ohio

10–15 **International Conference on Electron- and Ion-Beam Science and Technology** □ ELECTROCHEMICAL SOCIETY □ Los Angeles *(R. Bakish) 11/69*

11–14 **Microwave Theory and Techniques** □ IEEE □ Newport Beach, Calif. *(Samuel Sensiper) 10/69*

11–15 **Mechanical Effects of High Pressure** □ INTERNATIONAL COMMITTEE ON HIGH PRESSURE □ Aviemore, Invernesshire, Scotland *(Jeremy Schoeffer) 9/69*

18–22 **Materials Symposium** □ US AIR FORCE, AMERICAN INST. OF AERONAUTICS AND ASTRONAUTICS, AMERICAN ORDINANCE ASSOC., SOCIETY OF AEROSPACE MATERIAL AND PROCESS ENGINEERS □ Miami Beach, Fla. *(Air Force Symposium '70) 12/69*

24–27 **International Conference on Nuclear Reactors and Radioisotopes** □ CANADIAN NUCLEAR ASSOCIATION □ Toronto, Can. (CNA) *11/69*

JUNE 1970

2–5 **21st Mid-America Symposium on Spectroscopy** □ SAS CHICAGO □ Chicago *(Adele Rozak)* [1/70] *11/69*

2–5 **Precision Electromagnetic Measurements** □ NBS INSTITUTE FOR BASIC STANDARDS, IEEE GROUP ON INSTRUMENTATION AND MEASUREMENT, US COMMISSION 1 OF THE INTERNATIONAL SCIENTIFIC RADIO UNION □ Boulder, Colo. *(George Goulette)* [2/70] *10/69*

8–11 • **Molecular Crystals** □ ORGANIZING COMMITTEE, 5TH INTERNATIONAL MOLECULAR CRYSTAL SYMPOSIUM □ Univ. of Pennsylvania *(Secretary, Organizing Committee for the 5th International Molecular-Crystal Symposium, Laboratory for Research on the Structure of Matter, Univ. of Pa., 3231 Walnut St., Phila, Pa. 19104)* [2/70] *1/70*

Topics: Electronic structure of organic solids; defect structures; exciton dynamics and interactions; spin-lattice relaxation; conduction processes and transport phenomena; electronic and vibrational relaxation. Attendance is limited.

14–18 **Annual Meeting** □ ANS □ Houston, Tex. *(O. J. Du Temple) 11/68*

15, 16 **Solid-State in Industry—The New Generation of Industrial Control** □ IEEE GROUP ON INDUSTRIAL ELECTRONICS AND CONTROL INSTRUMENTATION □ Cleveland, Ohio *(A. J. Humphrey) 10/69*

15–17 • **Thermophysics Conference** □ AMERICAN INSTITUTE OF AERONAUTICS AND ASTRONAUTICS □ Los Angeles, Calif. *(Meetings Manager, AIAA, 1290 Sixth Ave., N. Y. 10019, N. Y.) 1/70*

15–19 **Congress of Applied Mechanics** □ US COMMITTEE FOR THEORETICAL AND APPLIED MECHANICS □ Harvard U. *(G. F. Carrier)* [1/70] *6/69*

15–19 **2nd International Conference on Nuclear Data for Reactors** □ IAEA □ Helsinki, Finland *(John H. Kane)* [1/70] *11/69*

15–19 **International Vacuum Metallurgy Conference** □ AMERICAN VACUUM SOCIETY □ Anaheim, Calif. *(L. M. Bianchi)* [2/70] *11/69*

18, 19 • **Feedback and Dynamic Control of Plasmas** □ PLASMA PHYSICS LAB., PRINCETON □ Princeton, N. J. *(H. P. Furth, Plasma Physics Lab, Princeton, N. J.)* [4/70] *1/70*

18–20 □ AAPT □ Laramie, Wyo.

JUNE 1970

22–24 □ APS □ Manitoba, Canada

28–2 □ HEALTH PHYSICS SOCIETY □ Chicago *(R. F. Cowing) 7/69*

28–4 **4th International Congress of Radiation Research** □ Evian, France *(R. Laterjet) 10/69*

JULY 1970

6–10 • Progress in Safeguards Techniques □ IAEA, AEC □ Karlsruhe, Germany *(J. H. Kane, Div. of Technical Info., AEC, Wash, D. C. 20545)* [1/70] *1/70*

Topics: Safeguards experiments and experience, design of safeguards material control system, material control system experience, qualitative and quantitative safeguards techniques, system analysis.

6–11 ♦ **Applications of Holography** □ FRENCH OPTICS COMMITTEE. IUPAP □ Besançon, France *(J. Ch. Viénot)* [1/70] *11/69*

6–12 □ SOCIETY OF NUCLEAR MEDICINE □ Washington, D. C. *(M. Glos) 7/69*

7–10 **International Conference on the Chemistry and Physics of Organic Scintillators and Liquid Scintillation Counting** □ UNIVERSITY OF CALIF. MEDICAL CENTER, ARGONNE NATIONAL LABORATORY □ San Francisco *(Donald L. Horrocks)* [4/70] *11/69*

13–15 □ AMERICAN ASSOCIATION OF PHYSICISTS IN MEDICINE □ Washington, D. C. *(J. A. Hancock Jr) 7/69*

13–17 **International Seminar on the History of Physics in Physics Education** □ IUPAP □ MIT, Cambridge, Mass. *(Allen L. King) 11/69*

20–24 **Dielectric Materials, Measurements and Applications** □ IEEE, INSTITUTE OF ELECTRICAL ENGINEERS (UK) □ Univ. of Lancaster, UK *(IEE) 12/69*

21–24 **Nuclear and Space Radiation Effects** □ IEEE □ San Diego, Calif. *(R. Thatcher) 12/69*

21–24 ♦ **Atomic Physics** □ IUPAP □ Oxford, UK *(G. K. Woodgate) 10/69*

AUGUST 1970

2 **High-Speed Photography** □ SOCIETY OF MOTION PICTURE AND TELEVISION ENGINEERS □ Denver, Colo. *(C. H. Elmer) 10/69*

10–14 • **White Dwarfs** □ INTERNATIONAL ASTRONOMICAL UNION □ St. Andrews, Scotland *(W. J. Luyten, 211 Space Science Bldg., Univ. of Minn., Minneapolis, Minn. 55455) 1/70*

11–15 **Magnetic Recording** □ HUNGARIAN OPTICAL, ACOUSTICAL AND CINEMATOGRAPHIC SOCIETY □ Budapest *(M.J.K.)* [2/70] *12/69*

12–14 • **External Galaxies and Quasistellar Objects** □ INTERNATIONAL ASTRONOMICAL UNION □ Uppsala, Sweden *(M. Schmidt, Mt. Wilson and Palomar Observatories, 1201 E. California St., Pasadena 91109) 1/70*

12–16 □ AUSTRALIAN AND NEW ZEALAND ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE □ Port Morsbey, Papua and New Guinea *(D. P. Drover) 11/69*

16–21 □ ACA □ Ottawa, Canada

17–21 **10th International Conference on the Physics of Semiconductors** □ IUPAP □ MIT, Cambridge, Mass. *(M. I. Nathans)* [4/70] *7/69*

17–21 **Upper Atmospheric Currents and Electric Fields** □ AIR FORCE CAMBRIDGE RESEARCH LABORATORIES, OFFICE OF NAVAL RESEARCH, ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION, NATIONAL CENTER FOR ATMOSPHERIC RESEARCH □ Boulder, Colo. *(John F. McClay) 11/69*

24–26 **Radiation Effects in Semiconductors** □ IUPAP, AFCRL, STATE UNIVERSITY OF NEW YORK AT ALBANY □ Albany *(J. W. Corbett) 10/69*

24–27 **2nd Inter-American Conference on Materials Technology** □ SOUTHWEST RESEARCH INSTITUTE □ Mexico City, Mexico *(David L. Black) 10/69*

26–29 **Small-Angle X-ray Scattering** □ ACA □ Graz, Austria *(O. Kratky) 12/69*

27–29 ♦ **Transport Properties of Solids** □ IUPAP, AUSTRALIAN INST. OF PHYSICS □ Sydney, Australia *(G. K. White) 10/69*

30–6 **Electron Microscopy** □ Grenoble, France *(Secretary) 8/69*

31–4 **Strength of Metals and Alloys** □ AMERICAN SOCIETY FOR METALS □ Pacific Grove, Calif. *(J. A. Fellows) 6/69*

31–4 • **Polarization Phenomena in Nuclear Reactions** □ IUPAP □ Univ. of Wisc. *(H. Barschall, Physics Dept., Univ. of Wisc., Madison 53706)* [6/70] *1/70*

31–5 • **Heat Transfer** □ SOCIÉTÉ FRANÇAISE DES THERMICIENS □ Versailles, France *(G. Ruppe, VDI, Organizing Committee of 4th International Heat Transfer Conference, D-4000 Düsseldorf 1, Postfach 1139, Germany) 1/70*

SEPTEMBER 1970

2–9 □ BRITISH ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE □ Durham, UK *(J. M. Robertson) 11/69*

4–10 **Low-Temperature Physics** □ IUPAP □ Kyoto, Japan *(T. Sugawara) 6/69*

7–10 **Quantum Electronics** □ INSTITUTE OF ELECTRONICS COMMUNICATION ENGINEERS OF JAPAN □ Kyoto *(H. Wolfe)* [3/70] *7/69*

10,11 • **Magnetic Resonance in Noncon-**

SEPTEMBER 1970

ductors □ BRITISH RADIOSPECTROSCOPY GROUP □ Nottingham, UK *(S. Clough, Physics Dept., University of Nottingham, Nottingham, NG7 2RD, UK) 1/70*

11–17 **Education of Secondary-School Physics Teachers** □ IUPAP, HUNGARIAN NATIONAL COMMITTEE ON PHYSICS EDUCATION □ Eger, Hungary *(Elemer Nagy) 11/69*

14–18 □ INTERNATIONAL COUNCIL OF THE AERONAUTICAL SCIENCES □ Rome *(Robert Dexter) 11/69*

14–18 **Physics of Noncrystalline Solids** □ ORGANIZING COMMITTEE OF THE CONFERENCE ON PHYSICS OF NONCRYSTALLINE SOLIDS □ Sheffield, UK *(Bryan Ellis)* [4/70] *11/69*

14–19 **Magnetism** □ IUPAP □ Grenoble, France *(Le Président du Comité d'Organisation, Conference Internationale de Magnetisme,* CEDEX *no. 166, 38 Grenoble-Gare, France)* [4/70] *10/69*

15–18 **Gas Discharges** □ IPPS, INSTITUTE OF ELECTRICAL ENGINEERS (UK) □ London *(IEE) 12/69*

21–23 • **Magnetic Thin Films** □ IUPAP □ Prague, Czechoslovakia *(L. Valenta Dept of Theoretical Physics, Charles Univ., Ke Karlovu 3, Prague 2, Czech.) 1/70*

21–24 **Engineering in the Ocean Environment** □ IEEE PANAMA CITY SECTION OF REGION III, IEEE OCEANOGRAPHY COÖRDINATION COMMITTEE □ Panama City, Fla. *(C. B. Koesy)* [3/70] *11/69*

22–24 • **Vitreous State** □ FARADAY SOCIETY □ *Bristol, UK (The Faraday Society, 6 Gray's Inn Square, London WC1) 1/70*

22–25 **Reaction Transition States** □ SOCIÉTÉ DE CHIMIE PHYSIQUE □ Paris *(Secrétariat Général) 8/69*

29–1 **Conference on Advances in Polymer Science and Technology III: Chemistry of Liquid Polymers and Thermoplastic Copolymers** □ INSTITUTION OF RUBBER INDUSTRY □ London *(R. H. Craven) 11/69*

29–2 □ OSA □ Hollywood, Fla.

OCTOBER 1970

5–10 • **Precision Measurements and Fundamental Constants** □ IUPAP □ Gaithersburg Md. *(L. M. Branscomb, A - 363 Physics Bldg., NBS, Wash., D.C. 20234) 1/70*

19–24 • **Statistical Mechanics** □ IUPAP □ Mexico *(E. Braun, Comision Nacional de Energia Nuclear, Av. Insurgentes Sur 1079, Apartado Postal no. 27–190, Mexico 18, D. F.) 1/70*

21–23 • **Ultrasonics** □ IEEE SONICS AND ULTRASONICS GROUP □ San Francisco *(W. J. Spencer, Bell Telephone Laboratories, Allentown,*

OCTOBER 1970

Pa. 18103) 1/70

21–23 **Gaseous Electronics** □ APS DIVISION OF ELECTRON AND ATOMIC PHYSICS □ Hartford, Conn. *(R. H. Bullis) 8/69*

28–30 **Electron Devices** □ IEEE □ Wash., D. C. *(IEEE, 345 E. 47th St., N. Y., N. Y. 10017) 12/69*

NOVEMBER 1970

3–6 □ ASA □ Houston, Tex.

4–6 **Nuclear Science Symposium** □ IEEE □ New York *(IEEE) 6/69*

4–7 □ APS PLASMA PHYSICS DIVISION □ Washington, D. C.

15–19 □ ANS, ATOMIC INDUSTRIAL FORUM, ATOMIC FAIR □ Washington, D. C. *(O. J. Du Temple) 6/69*

15–19 **Magnetism and Magnetic Materials** □ IEEE □ Miami Beach, Fla. *(IEEE) 12/69*

DECEMBER 1970

28–31 □APS □ Stanford, Calif.

FEBRUARY 1971

1–4 □ APS–AAPT □ New York

MARCH 1971

29–1 □ APS □ Cleveland, Ohio

APRIL 1971

5–8 □ OSA □ Tucson, Ariz.

13–15 **IX International Conference on Magnetics** □ IEEE MAGNETICS GROUP □ Denver, Colo. *(Magnetics Group) 10/69*

20–23 □ ASA □ Washington, D. C. *(R. K. Eby) 7/69*

26–29 □ APS □ Washington, D. C.

JUNE 1971

13–17 □ ANS □ Boston *(O. J. Du Temple) 8/69*

13–19 **8th World Petroleum Congress** □ Moscow *(Secretary, U. S. National Committee, 8th World Petroleum Congress) 10/69*

17–19 □ AAPT □ Beloit, Wisc.

20–23 **Nuclear Reactors and Radioisotopes** □ CANADIAN NUCLEAR ASSOCIATION □ Montreal *(CNA) 11/69*

21–25 □ HEALTH PHYSICS SOCIETY □ New York *(R. F. Cowing) 6/69*

JULY 1971

5–9 • **International Conference on Crystal Growth** □ INTERNATIONAL CRYSTAL GROWTH COM-

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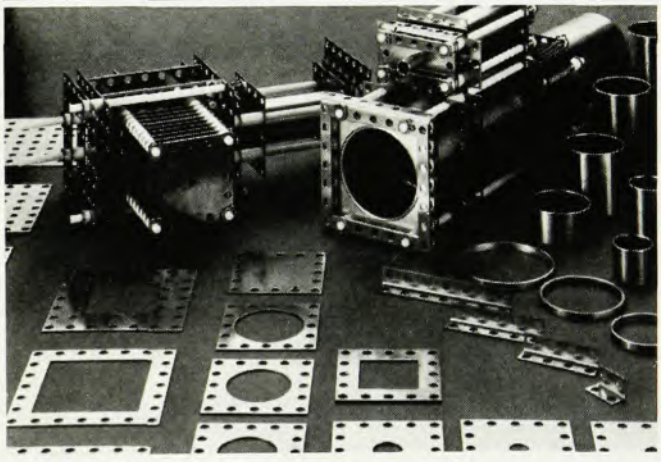

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JULY 1971

MITTEE, INTERNATIONAL UNION OF CRYSTALLOGRAPHY, IUPAP, IUPAC □ Marseille, France *(B. Mutaftschiev, Laboratoire des Mécanismes de la Croissance Cristalline, Faculté des Sciences de Marseille, Saint-Jérôme Marseille 13e, France) 1/70*

Topics: Theory; characterization of crystals according to mode of crystallization; fundamental experimental studies; new methods and techniques of crystal growth; industrial crystallization.

AUGUST 1971

18–26 ♦ **7th International Congress on Acoustics** □ INTERNATIONAL COMMISSION ON ACOUSTICS □ Budapest *(T. Tarnoczy Puskin-u 5-7, Budapest, 8. Hungary) 10/69*

SEPTEMBER 1971

1–3 **Antennas and Propagation** □ INSTITUTE OF ELECTRONICS AND COMMUNICATION ENGINEERS OF JAPAN □ Sendai, Japan *(K. Nagai) 10/69*

OCTOBER 1971

5–8 □ OSA □ Ottawa, Canada

17–21 □ ANS, ATOMIC INDUSTRIAL FORUM AND ATOM FAIR □ Miami, Fla. *(O. J. Du Temple) 11/69*

19–22 □ ASA □ Denver *(J. E. White) 8/69*

27–29 **International Electron Devices Meeting** □ IEEE □ Wash., D. C. *(IEEE) 11/69*

JANUARY 1972

31–3 □ APS-AAPT □ San Francisco

APRIL 1972

24–27 □ APS □ Washington, D. C.

JUNE 1972

11–14 **Nuclear Reactors and Radioisotopes** □ CANADIAN NUCLEAR ASSOCIATION □ Ottawa *(CNA) 11/69*

OCTOBER 1972

17–20 □ OSA □ San Francisco

JANUARY 1973

29–1 □ APS-AAPT □ New York

APRIL 1973

23–27 □ APS □ Washington, D. C.

JANUARY 1974

28–31 □ APS-AAPT □ Chicago □