

calendar

JULY 1973

- 7-14 **Science and Society: Scientific, Technological and Social Development** □ COUNCILS FOR SCIENTIFIC AFFAIRS IN YUGOSLAVIA □ Herceg-Nov, Yugoslavia 3/73
- 9-12 **Molecular Beams** □ ORGANIZING COMMITTEE OF 4TH INTERNATIONAL SYMPOSIUM ON MOLECULAR BEAMS □ Cannes, France 4/72
- 10-13 **Gasdynamics of Explosions and Reactive Systems** □ INTERNATIONAL ACADEMY OF ASTRONAUTICS □ La Jolla, Calif. 9/72
- 14, 15 • **Gas Dynamic Lasers** □ AIAA □ Palm Springs, Calif. (AIAA, 1290 Ave of Americas, New York, N. Y. 10019)
- 16-18 **Fluid and Plasma Dynamics** □ AIAA □ Palm Springs, Calif. 2/73
- 16-18 **Thermophysics** □ AIAA □ Palm Springs, Calif. 2/73
- 16-19 **Nuclear and Space Radiation Effects** □ IEEE GROUP ON NUCLEAR SCIENCE □ Logan, Utah 5/73
- 16-19 **Shock Tubes** □ NINTH INTERNATIONAL SHOCK TUBE SYMPOSIUM □ Stanford, Calif. 11/72
- 16-20 **Electronic and Atomic Collisions**

- ORGANIZING COMMITTEE FOR THE 8TH INTERNATIONAL CONFERENCE ON THE PHYSICS OF ELECTRONIC AND ATOMIC COLLISIONS □ Belgrade, Yugoslavia 4/73
- 16-20 **Microscopy** □ INTERNATIONAL ASSN. OF MICROSCOPY; McCrone Research Inst. □ Cambridge, UK 5/73
- 16-27 • **Magnetic Resonance** □ UNESCO; ORGANIZATION OF AMERICAN STATES □ Lima, Peru (E. L. Carranza, Departamento de Física, Universidad Nacional de Ingeniería, Casilla 1301, Lima, Peru)
- 18-20 **Acoustical Holography and Imaging** □ IEEE; ASA; STANFORD RESEARCH INST. □ Menlo Park, Calif. 2/73
- 23-26 **Impact Ionization** □ EPS □ London, UK 10/72
- 23-26 **Nuclear and Space Radiation Effects** □ IEEE; UTAH STATE UNIVERSITY □ Logan, Utah 4/73
- 29-2 □ AAPM □ San Diego, Calif. 6/73
- 30-5 **Controlled Thermonuclear Fusion and Plasma Physics** □ EPS; I. V. KURCHATOV INST. FOR ATOMIC ENERGY; USSR ACADEMY OF SCIENCES; M. V. LOMONOSOV INST., MOSCOW STATE UNIV. □ Moscow, USSR 2/73

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 (October) we will again publish a complete calendar.

Abbreviations:

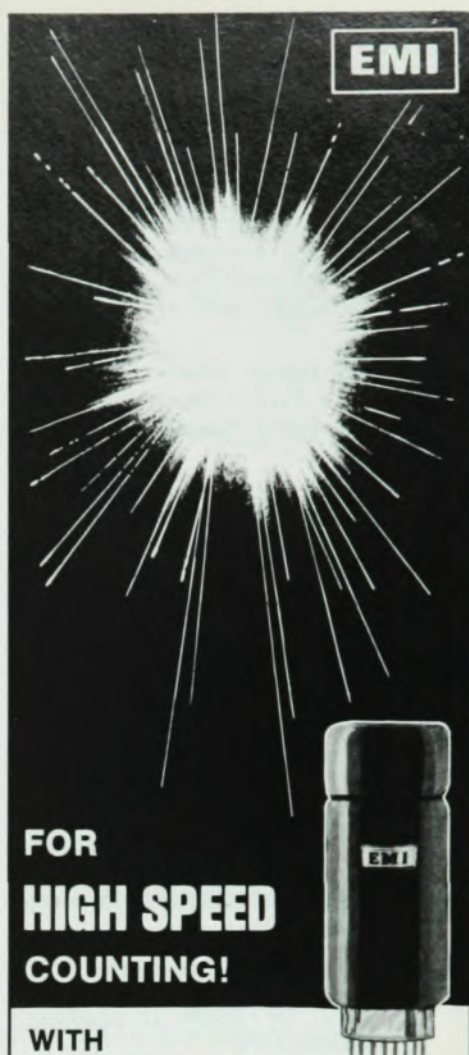
- AAPT American Association of Physics Teachers
- AAS American Astronomical Society
- ACA American Crystallographic Association
- APS American Physical Society
- ASA Acoustical Society of America
- OSA Optical Society of America
- SPS Society of Physics Students
- S of R Society of Rheology
- AAPM American 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

Coding:

date subject □ HOST □ Location (Contact) [submission deadline] Physics Today reference

• new listing ♦ new or revised information



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AUGUST 1973

- 6-8 **Thermophysical Properties** □ AMERICAN SOCIETY OF MECHANICAL ENGINEERS □ Atlanta, Ga. 10/72
- 7-9 **Positron Annihilation** □ HELSINKI UNIV. OF TECH. □ Otaniemi, Finland 4/73
- 7-20 **High-Energy Physics** □ UNIV. OF HAWAII PHYSICS DEPT. □ Honolulu, Hawaii 5/73
- 8-10 **Cryogenic Engineering** □ NBS □ Atlanta, Ga. 2/73
- 13-15 **Formation and Dynamics of Galaxies** □ INTERNATIONAL ASTRONOMICAL UNION □ Canberra, Australia 3/72
- 13-15 ♦ **Stellar Instability and Evolution** □ INTERNATIONAL ASTRONOMICAL UNION □ Canberra, Australia 3/72
- 13-17 □ APS DIVISION OF PARTICLES AND FIELDS □ Berkeley, Calif. 2/73
- 13-17 **Metal Surfaces** □ CHALMERS UNIV. OF TECH. □ Göteborg, Sweden 2/73

- 13-17 **Physics and Chemistry of Fission** □ IAEA; AEC □ Rochester, N. Y. 4/73
- 14-16 **Defects and Defect Clusters in Body-Centered-Cubic Metals and their Alloys** □ NBS; NUCLEAR METALLURGY COMMITTEE OF THE AMERICAN INST. OF METALLURGICAL ENGINEERS; NSF □ Gaithersburg, Md. 3/73
- 14-16 **Microwave Semiconductor Devices** □ CORNELL UNIV. □ Ithaca, N. Y. 1/73
- 14-16 **New Problems of Astrometry** □ INTERNATIONAL ASTRONOMICAL UNION □ Perth, Australia 3/72
- 15-17 **High Polymers** □ MACROMOLECULAR SCIENCES DIV. OF THE CHEMICAL INST. OF CANADA; NATIONAL RESEARCH COUNCIL □ St Jean, Quebec 4/73
- 17-30 ♦ **Cosmic Rays** □ IUPAP □ Denver, Colo. 5/72
- 20-24 **Order in Polymer Solutions** □ MIDLAND MACROMOLECULAR INST. □ Midland, Mich. 2/73
- 21-24 **Particle Technology** □ ILL. INST. OF TECH. RESEARCH

INST. □ Chicago, Ill. 5/73

- 21-24 • **Zirconium in Nuclear Applications** □ AMERICAN INST. OF MINING, METALLURGICAL AND PETROLEUM ENGINEERS; ASTM □ Portland, Ore. (ASTM, 1916 Race St, Philadelphia, Pa. 19103)
- 21-30 • □ INTERNATIONAL ASTRONOMICAL UNION □ Sydney, Australia (Secretariat, 7 Via Cornelio Celso, 00161 Rome, Italy)
- 22, 23 **Photoelectric and Secondary Electron Emission** □ SPECIAL DEVICES GROUP OF ADVISORY GROUP ON ELECTRON DEVICES, UNIV. OF MINNESOTA □ Minneapolis, Minn. 6/73
- 22-24 **Applications of X-Ray Analysis** □ METALLURGY AND MATERIALS SCIENCE DIVISION, DENVER RESEARCH INST., UNIV. OF DENVER □ Denver, Colo. 4/73
- 22-28 ♦ **Magnetism** □ IUPAP; ACADEMY OF SCIENCES OF THE USSR □ Moscow, USSR 4/73
- 23, 24 **High-Energy Collisions** □ ORGANIZING COMMITTEE FOR THE FIFTH INTERNATIONAL CONFERENCE ON HIGH-ENERGY COLLISIONS □ State Univ. of N. Y. at Stony Brook 3/73
- 27-29 **Preparation and Properties of Electronic Materials** □ ELECTRONIC MATERIALS COMMITTEE OF THE AMERICAN INST. OF MINING, METALLURGICAL AND PETROLEUM ENGINEERS □ Las Vegas, Nevada 2/73
- 27-30 **Internal Friction and Ultrasonic Attenuation in Crystalline Solids** □ IUPAP; GERMAN PHYSICAL SOCIETY □ Aachen, West Germany 5/73
- 27-1 **Nuclear Physics** □ IUPAP; EPS □ Munich, Germany 2/73
- 28-30 • **Materials Performance in Operating Nuclear Systems** □ AMERICAN INST. OF MINING, METALLURGICAL, AND PETROLEUM ENGINEERS; ANS; AMES LABORATORY USAEC □ Iowa State Univ., Ames (M. S. Wechsler, Dept. of Metallurgy and Ames Laboratory USAEC, Iowa State Univ., Ames, Iowa 50010)
- 28-30 • **Radiation and Remote Probing of the Atmosphere** □ ORGANIZING COMMITTEE OF INTERNATIONAL CONFERENCE ON RADIATION AND REMOTE PROBING OF THE ATMOSPHERE □ Univ. of Calif., Los Angeles (J. G. Kuryian, Dept. of Meteorology, UCLA, Los Angeles, Calif. 90024)
- 28-1 **Nuclear Magnetic Resonance in Solids** □ POLISH INST. of NU-

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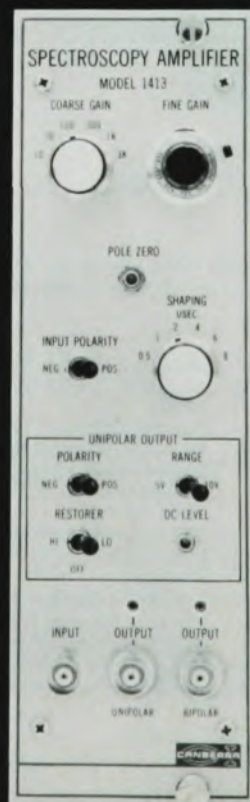
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CLEAR PHYSICS; AMPERE GROUP □ Cracow, Poland 2/73

29-31 **Solid-State Devices** □ JAPAN SOCIETY OF APPLIED PHYSICS □ Tokyo, Japan 6/73

29-1 **Rare Earth Metals** □ DANISH ATOMIC ENERGY COMMISSION; EPS □ Elsinore, Denmark 1/73

SEPTEMBER 1973

3-5 **Soft Magnetic Materials** □ MAGNETISM SECTION, CONDENSED MATTER DIV., EPS □ Turin, Italy 5/73

3-5 ♦ **Detection and Emission of Electromagnetic Radiation with Josephson Junctions** □ ORGANIZING COMMITTEE OF THE INTERNATIONAL CONFERENCE ON DETECTION AND EMISSION OF ELECTROMAGNETIC RADIATION WITH JOSEPHSON JUNCTIONS □ Perros-Guirec, France (H. A. Combet, CNET, Departement PMT, 22301 Lannion, France, or B. T. Ulrich, Physics Dept., Univ. of Tex., Austin, Tex. 78712)

3-6 **Liquid Scintillation Counting** □ RADIOCHEMICAL METHODS GROUP, SOCIETY FOR ANALYTICAL CHEMISTRY; ANALYTICAL DIVISION, THE CHEMICAL SOCIETY □ Brighton, UK 5/73

3-7 **Chemical Thermodynamics and Physicochemical Techniques at High Temperatures** □ AUSTRIAN CHEMICO-PHYSICAL SOCIETY □ Baden-bei-Wien, Austria 6/73

3-7 ♦ **Galactic Radio Astronomy** □ INTERNATIONAL ASTRONOMICAL UNION □ Maroochydore, Australia 4/73

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

3-7 **Mossbauer Spectrometry** □ SLOVAK TECHNICAL UNIV. OF BRATISLAVA; CZECHOSLOVAK ATOMIC ENERGY COMMISSION; CZECHOSLOVAK ACADEMY OF SCIENCES; UNION OF CZECHOSLOVAK MATHEMATICIANS AND PHYSICISTS □ Bratislava, Czechoslovakia 5/73

3-8 **Amorphous and Liquid Semiconductors** □ GERMAN PHYSICAL SOCIETY □ Garmisch-Partenkirchen, West Germany 5/73

5, 6 **Nuclear Magnetic Resonance in Nonmetals** □ BRITISH RADIO SPECTROSCOPY GROUP □

Brighton, UK 5/73

5-7 • **Magnetic Bubbles** □ BRITISH ASSN. FOR CRYSTAL GROWTH □ Imperial College, London, UK (E. D. A. White, Dept. of Electrical Engineering, Imperial College, Exhibition Rd, London SW7, UK)

5-7 **Nuclear Structure: Heavy Ions and Related Topics** □ IOP NUCLEAR PHYSICS SUBCOMMITTEE □ Univ. of Manchester, UK 5/73

5-8 ♦ **Exploration of the Planetary System** □ INTERNATIONAL ASTRONOMICAL UNION □ Torun, Poland 3/72

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

5-8 ♦ **Magnetic Structures in Superconductors** □ ARGONNE NATIONAL LABORATORY; APS DIV. OF SOLID-STATE PHYSICS; COMMISSION A1 OF THE INTERNATIONAL INST. OF REFRIGERATION; IUPAP; NSF □ Argonne, Ill. (R. P. Huebener, Solid-State Science Div., Argonne National Laboratory, Argonne, Ill. 60439)

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

6-10 **Plasma Chemistry** □ PLASMA CHEMISTRY SUBCOMMISSION, INTERNATIONAL UNION OF PURE AND APPLIED CHEMISTRY □ Kiel, West Germany 5/73

6-12 **Elementary Particles** □ ORGANIZING COMMITTEE FOR THE 2ND AIX-EN-PROVENCE INTERNATIONAL CONFERENCE ON ELEMENTARY PARTICLES □ Aix-en-Provence, France 4/73

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

9-14 □ INTERNATIONAL RADIATION PROTECTION ASSN. □ Washington, D.C. 5/73

10, 11 **Solid-State Devices** □ IOP □ Univ. of Nottingham, UK 2/73

10, 11 **Turbulence in Liquids** □ UNIV. OF MISSOURI, ROLLA □ Rolla, Mo. 6/73

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

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SEPTEMBER 1973

- 10-12 **Irradiation Experimentation in Fast Reactors** □ ANS □ Jackson Hole, Wyoming 5/73
- 10-12 **Late Stages of Stellar Evolution** □ INTERNATIONAL ASTRONOMICAL UNION □ Warsaw, Poland 3/72
- 10-13 **Quantum Electronics** □ IOP; INSTITUTION OF ELECTRICAL ENGINEERS □ Univ. of Manchester, UK 6/73
- 10-14 **Ferroelectricity** □ UNIV. OF EDINBURGH PHYSICS DEPT.; IUPAP □ Edinburgh, UK 5/73
- 10-14 **Hot-Atom Chemistry** □ NUCLEAR RESEARCH CENTER JULICH; SECTION ON NUCLEAR, RADIO AND RADIATION CHEMISTRY, GERMAN CHEMICAL SOCIETY □ Jülich, West Germany 5/73
- 10-14 **Mass Spectrometry** □ 6TH INTERNATIONAL MASS SPECTROMETRY CONFERENCE □ Edinburgh, UK 1/73
- 10-14 **Phenomena in Ionized Gases** □ ORGANIZING COMMITTEE OF 11TH INTERNATIONAL CONFERENCE ON PHENOMENA IN IONIZED GASES □ Prague, Czechoslovakia 8/72
- 10-14 ♦ **Radioimmunoassay and Related Procedures** □ IAEA □ Istanbul, Turkey 12/72
- 11-13 **Superconductivity and Lattice Instability** □ ORGANIZING COMMITTEE OF THE SYMPOSIUM ON SUPERCONDUCTIVITY AND LATTICE INSTABILITY □ Gatlinburg, Tenn. 5/73
- 12-14 **Physics of Semimetals and Narrow-Gap Semiconductors** □ UNIV. OF WALES INST. OF SCIENCE AND TECH.; UNIV. COLLEGE OF CARDIFF; SOLID-STATE PHYSICS SUBCOMMITTEE OF IOP □ Cardiff, UK 7/72
- 16-20 **Silicon Carbide** □ AIR FORCE CAMBRIDGE RESEARCH LABORATORIES; UNIV. OF SOUTH CAROLINA; CARBORUNDUM CO; GENERAL ELECTRIC CO; HUGHES RESEARCH LABORATORIES; WESTINGHOUSE ELECTRIC CORP; INTERNATIONAL COMMITTEE ON SILICON CARBIDE □ Miami Beach, Fla. 2/73
- 16-22 **Spectroscopy** □ ORGANIZING COMMITTEE FOR THE 17TH INTERNATIONAL SPECTROSCOPIC COLLOQUIUM □ Florence, Italy 4/73

- 17-19 • □ BRITISH ASSN. FOR CRYSTAL GROWTH □ Univ. of York, UK (J. C. Brice, Mullard Research Laboratories, Redhill, Surrey, UK)
- 17-21 □ COMBUSTION INST. EUROPEAN SYMPOSIUM □ Univ. of Sheffield, UK 2/73
- 18-21 **Solid-State Devices** □ EPS; GERMAN PHYSICAL SOCIETY; IEEE; NACHRICHTENTECHNISCHE GESELLSCHAFT IM VDE (NTG) □ Munich, West Germany 4/73
- 19-21 **Polymers** □ POLYMER PHYSICS GROUP OF IOP □ Shrivenham, UK 12/72
- 20, 21 **Properties of Building Materials** □ MATERIALS AND TESTING GROUP OF IOP □ Cambridge, UK 1/73
- 23-26 **Optical Properties of Thin Films** □ OPTICAL GROUP OF IOP □ Southampton, UK 1/73
- 24-28 **Atomic Collisions in Solids** □ ORNL □ Gatlinburg, Tenn. 4/73
- 24-28 **Noble Gases** □ US ENVIRONMENTAL PROTECTION AGENCY; UNIV. OF NEVADA □ Las Vegas, Nev. 10/72
- 24-29 □ GERMAN PHYSICAL SOCIETY □ Hamburg, West Germany 5/73
- 26-28 **Quantum Theory** □ DEPT. OF THEORETICAL CHEMISTRY, UNIV. OF OXFORD, UK □ Oxford, UK 4/73

OCTOBER 1973

- 1-3 **Exoelectrons** □ CZECHOSLOVAK ACADEMY OF SCIENCES □ Prague, Czechoslovakia 2/73
- 2-4 **Applications of Ion Beams to Metals** □ SANDIA LABORATORIES □ Albuquerque, N. M. 5/73
- 3-5 **Amorphous Polymers** □ EPS □ Naples, Italy 6/73
- 3-5 **Fundamental and Practical Aspects of the Application of Fast Neutrons in Clinical Radiotherapy** □ RADIOBIOLOGICAL INST.; ORGANIZATION FOR HEALTH RESEARCH TNO □ Rijswijk, The Netherlands 5/73
- 7-12 **ELECTRONICS DIV. OF THE ELECTROCHEMICAL SOCIETY** □ Boston, Mass. 5/73
- 7-13 **Space Activity: Impact on Science and Technology** □ INTERNATIONAL ASTRONAUTICAL FEDERATION □ Baku, USSR 6/73

- 8-12 **Experience from Operating Nuclear Power Plants** □ IAEA □ Vienna, Austria 6/73
- 9-12 □ AVS □ New York, N. Y. 4/73
- 9-12 □ OSA □ Rochester, N. Y. 4/73
- 11, 12 • **Chemical and Physical Processes in Combustion** □ THE COMBUSTION INST., EASTERN SECTION □ McGill Univ., Montreal, Canada (F. J. Wright, Corporate Research Laboratories, Esso Research and Engineering Co, P. O. Box 45, Linden, N. J. 07036)
- 12, 13 • **Electronic Physics of Organic Materials** □ APS NEW YORK SECTION □ Troy, New York (W. Eppenstein, Physics Dept., Rensselaer Polytechnic Inst., Troy, N. Y. 12181)
- 15-17 **Aero-Acoustics** □ AIAA □ Seattle, Wash. 6/73
- 15-17 **Applications of Stable Isotopes to Biological, Medical and Environmental Research** □ ARGONNE NATIONAL LABORATORY □ Argonne, Ill. 5/73
- 15-20 • **Radiology** □ ORGANIZING COMMITTEE OF THE 13TH INTERNATIONAL CONGRESS OF RADIOLOGY □ Madrid, Spain (J. Bonmati, General Secretary, Lagasca 27-Madrid 1, Spain)
- 16-19 **Gaseous Electronics** □ APS □ Univ. of Wisconsin, Madison [8/22/73] 6/73
- 16-23 **Physics of Fast Reactors** □ POWER REACTOR AND NUCLEAR FUEL DEVELOPMENT CORP OF JAPAN; JAPANESE ATOMIC ENERGY RESEARCH INST.; SCIENCE AND TECH. AGENCY; JAPANESE ATOMIC INDUSTRIAL FORUM, INC; ATOMIC ENERGY SOCIETY OF JAPAN □ Tokyo, Japan 5/73
- 22-26 • **Effects of Neutron Irradiation on Cell Function** □ IAEA □ Neuherberg, West Germany (S. R. Port, Atomic Energy Div., DTI, Millbank Tower, Millbank, London SW1P 4QU, UK)
- 24, 25 **Auger Electron Spectroscopy—Materials Applications and Quantification** □ NATIONAL PHYSICAL LABORATORY; IOP □ National Physical Laboratory, Teddington, UK [7/24/73] 6/73
- 25-27 **Theoretical Physics** □ VIRGINIA POLYTECHNIC INST. AND STATE UNIV. □ Blacksburg Va. 6/73
- 28-31 □ S OF R □ Montreal, Canada 5/73
- 29-2 **Atomic Spectroscopy** □ SPECTROSCOPY SOCIETY OF CANA-

DA; NATIONAL RESEARCH
COUNCIL OF CANADA □ Toron-
to, Canada 5/73

30-2 □ ASA □ Los Angeles, Calif.
[7/31/73] 5/73

31-3 ♦ □ APS PLASMA PHYSICS DIV.
□ Philadelphia, Pa. [7/20/73]
2/73

NOVEMBER 1973

1-3 ♦ □ APS NUCLEAR PHYSICS DIV.
□ Bloomington, Ind. [7/24/73]
2/73

3 • □ AAPT IOWA SECTION □
Cornell College, Mount Vernon,
Iowa (C. Dam, Cornell College,
Mount Vernon, Iowa)

5-7 **Thermal Conductivity** □ OR-
GANIZING COMMITTEE FOR
THE 13TH INTERNATIONAL
CONFERENCE ON THERMAL
CONDUCTIVITY □ Lake of the
Ozarks, Mo. 4/73

5-9 **Environmental Surveillance**
around Nuclear Installations □
IAEA □ Warsaw, Poland 5/73

6-9 **Engineering Problems of Fusion**
Research □ SCHOOL OF EN-
GINEERING AND APPLIED
SCIENCE, PLASMA PHYSICS
LABORATORY, PRINCETON
UNIV.; AEC; IEEE; ANS □
Princeton, N. J. 5/73

8-10 □ APS SOUTHEASTERN SEC-
TION □ Winston-Salem, N. C.
5/73

12, 13 **LAMPF Users Group Meeting** □
LAMPF USERS GROUP, INC □
Los Alamos, N. M. 4/73

12-16 **Physical Behavior of Radioactive**
Contaminants in the Atmosphere
□ IAEA; WORLD METEORO-
LOGICAL ORGANIZATION □
Vienna, Austria 5/73

13-16 ♦ **Magnetism** □ AIP; MAGNETICS
SOCIETY OF IEEE; ONR; AMER-
ICAN INST. OF MINING, MET-
ALLURGICAL AND PETRO-
LEUM ENGINEERS; ASTM □
Boston, Mass. [7/20/73] 2/73

15, 16 **Electron Diffraction for the In-**
vestigation of Structure □ IOP □
London, UK [9/1/73] 6/73

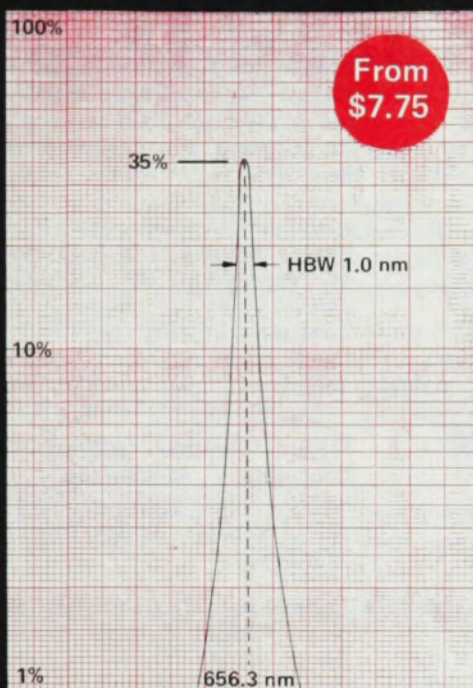
19-21 □ APS DIV. OF FLUID
DYNAMICS □ New Haven,
Conn. [1/22/74] 5/73

25-29 □ AAPM-RADIOLOGICAL SO-
CIETY OF NORTH AMERICA □
Chicago, Ill. 6/73

DECEMBER 1973

2-6 • □ AAS □ Tucson, Ariz. (L. W.
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DECEMBER 1973

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- 5-7 □ APS DIV. OF ELECTRON
AND ATOMIC PHYSICS □ New
Haven, Conn. 5/73
- 10-14 **Science of Materials** □ IOP □
Christchurch, New Zealand 1/73
- 27-29 □ APS □ Berkeley, Calif.
[10/12/73] 4/73

JANUARY 1974

- 2-4 **Solid-State Physics** □ IOP □
Univ. of Manchester, UK 6/73
- 7-11 • **Medical Optics** □ OSA □ Tuc-
son, Ariz. (J. W. Quinn, OSA,
2100 Pennsylvania Ave NW,
Washington, D. C. 20037)
- 9-11 **Optics in Diagnostic Medicine** □
OPTICAL SCIENCES CENTER
AND DEPT. OF RADIOLOGY,
COLLEGE OF MEDICINE, UNIV.
OF ARIZ.; OSA □ Tucson, Ariz.
6/73
- 14-18 **Magnetic Resonance** □ INTER-
NATIONAL SOCIETY OF MAG-
NETIC RESONANCE □ Bombay,
India 5/73
- 21-23 • **Integrated Optics** □ OSA; IEEE
□ New Orleans, La. (OSA, *Inte-
grated Optics Meeting*, 2100
Pennsylvania Ave, Washington,
D. C. 20037) [10/12/73]
- 30-1 **Aerospace Sciences** □ AIAA □
Washington, D. C. [7/30/73]
6/73

FEBRUARY 1974

- 4-7 □ APS-AAPT □ Chicago, Ill.
5/73
- 11-13 **Vacuum Conference** □ AUS-
TRALIAN INST. OF PHYSICS □
Canberra, A. C. T. Australia
4/73
- 27-1 **Scintillation and Semiconductor
Counting** □ IEEE GROUP ON
NUCLEAR SCIENCE; AEC; NBS
□ Washington, D. C. 5/73

MARCH 1974

- 11-14 • **Fast Reactors** □ BRITISH NU-
CLEAR ENERGY SOCIETY □
London, UK (J. Grahame, BNES,
c/o ICE, 1-7 Great George St,
London SW1P 3AA, UK)
- 12-16 • **Applications of Nuclear Data
in Science and Technology** □
IAEA □ Paris, France (L.
Hjarne, Nuclear Data Section,
Div. of Research and Labora-
tories, IAEA, P. O. Box 590,

A-1011 Vienna, Austria)

- 24-28 **Liquids and Amorphous Mate-
rials** □ ACA □ Univ. of Califor-
nia, Berkeley 6/73
- 25-28 □ APS □ Philadelphia, Pa. 5/73
- 26-29 • **Atomic and Molecular Physics** □
IOP □ Univ. College, Swansea,
UK (*Meetings Officer, IOP,*
47 Belgrave Sq, London SW1X
8QX, UK)
- 27-29 • **Nuclear Structure and High-
Energy Physics** □ IOP □ Univ.
of Glasgow, UK (*Meetings
Officer, IOP, 47 Belgrave Sq,*
London SW1X 8QX, UK)

APRIL 1974

- 5-9 **French Physical Society-IOP
Centenary Conference** □
FRENCH PHYSICAL SOCIETY;
IOP □ St Helier, Jersey, Channel
Islands 6/73
- 16-18 ♦ **Technology of Controlled Nu-
clear Fusion** □ ANS □ San
Diego, Calif. (G. R. Hopkins,
Gulf General Atomic, P.O. Box
81608, San Diego, Calif. 92138)
5/73
- 16-18 • **Optical and Acoustical Micro-
Electronics** □ POLYTECHNIC
INST. OF BROOKLYN; AIR
FORCE OFFICE OF SCIENTI-
FIC RESEARCH; ONR;
ARMY RESEARCH OFFICE;
IEEE; OSA □ Brooklyn, N. Y.
(Polytechnic Inst. of Brooklyn,
MRI Symposium Committee,
333 Jay St, Brooklyn, N. Y.
11201) [12/1/73]
- 22-25 □ APS-OSA □ Washington,
D. C. 5/73
- 22-26 **Anomalous Scattering by X-rays,
Neutrons and Electrons** □ IN-
TERNATIONAL UNION OF
CRYSTALLOGRAPHY □ Madrid,
Spain 6/73
- 23-26 □ ASA □ New York, N. Y. 5/73

MAY 1974

- 2-7 **High-Energy Accelerators** □
IUPAP; AEC □ Stanford, Calif.
4/73

JUNE 1974

- 17-20 **Thermography** □ EUROPEAN
THERMOGRAPHIC ASSN.;
AMERICAN THERMOGRAPHIC
SOCIETY □ Amsterdam, The
Netherlands 6/73
- 20-22 • □ AAPT □ Boone, N. C. (A. A.
Strassenburg, Drawer A-W,
State Univ. of N. Y., Stony Brook,
N. Y. 11790)
- 23-28 □ ANS □ Philadelphia, Pa.
6/73

- 24-26 • **Fluid and Plasmadynamics** □
AIAA □ Palo Alto, Calif. (AIAA,
1290 Ave of Americas, New
York, N. Y. 10019)

JULY 1974

- 14-20 • **Radiation Research** □ ORGA-
NIZING COMMITTEE OF 5TH
INTERNATIONAL CONGRESS
OF RADIATION RESEARCH
□ Seattle, Washington (W. K.
Sinclair, Secretary General,
Argonne National Laboratory,
Argonne, Ill. 60439)
- 15-17 **Thermophysics and Heat Trans-
fer** □ AIAA; AMERICAN SO-
CIETY OF MECHANICAL EN-
GINEERS □ Boston, Mass.
6/73
- 15-19 **Physics of Semiconductors** □
IUPAP □ Stuttgart, West Ger-
many 5/73
- 22-26 **Atomic Physics** □ ORGANIZING
COMMITTEE FOR THE 4TH
INTERNATIONAL CONFERENCE
ON ATOMIC PHYSICS □ Heidel-
berg, West Germany 6/73
- 23-31 **Acoustics** □ BRITISH ACOUSTI-
CAL SOCIETY; IOP; INTERNA-
TIONAL COMMISSION ON
ACOUSTICS □ London, UK 1/73
- 28-1 □ AAPM □ Kansas City, Mo.
6/73

AUGUST 1974

- 14-16 **Inter- and Intra-Molecular Forces**
□ US NATIONAL COMMITTEE
FOR CRYSTALLOGRAPHY; IN-
TERNATIONAL UNION OF
CRYSTALLOGRAPHERS □ Penn-
sylvania State Univ., University
Park 6/73
- 18-24 • **Computers in Radiation Therapy**
□ ORGANIZING COMMITTEE
OF 5TH INTERNATIONAL CON-
FERENCE ON THE USE OF
COMPUTERS IN RADIATION
THERAPY □ Hanover, N. H. (E.
S. Sternick, Dartmouth-Hitch-
cock Medical Center, Hanover,
N. H.)
- 19-21 **Optical Information Processing** □
AUSTRALIAN ACADEMY OF
SCIENCE; INTERNATIONAL
COMMISSION FOR OPTICS □
Sydney, Australia [2/74] 6/73
- 19-23 □ ACA □ Pennsylvania State
Univ. 1/73
- 19-23 • **Diffraction Studies of Real Atoms
and Real Crystals** □ INTERNA-
TIONAL UNION OF CRYSTAL-
LOGRAPHY; AUSTRALIAN
ACADEMY OF SCIENCE □ Mel-
bourne, Australia (A. McL.
Mathieson, CSIRO Div. of Chemi-
cal Physics, P. O. Box 160, Clay-
ton, Victoria, Australia 3168)

SEPTEMBER 1974

- 3-7 • **Heat Transfer** □ ORGANIZING COMMITTEE OF THE 5TH INTERNATIONAL HEAT TRANSFER CONFERENCE □ Tokyo, Japan (E. R. G. Eckert, Heat Transfer Laboratory, Dept. of Mechanical Engineering, Univ. of Minn., Minneapolis, Minn. 55455)
- 9-14 **Magnetic Resonance and Related Phenomena** □ IOP □ Univ. of Nottingham, UK 6/73
- 18, 19 **Electrical Properties of Polymers** □ POLYMER PHYSICS GROUP OF IOP □ Cardiff, UK 12/72
- 30-5 • **Nuclear Medicine** □ ORGANIZING COMMITTEE OF THE 1ST WORLD CONFERENCE OF NUCLEAR MEDICINE □ Tokyo and Kyoto, Japan (M. Iio, World Federation of Nuclear Medicine, Univ. of Tokyo Hospital, Hongo, Bunkyo-ku, Tokyo 113, Japan)

OCTOBER 1974

- 15-18 • □ OSA □ Houston, Texas (J. W. Quinn, OSA, 2100 Pennsylvania Ave NW, Washington, D. C. 20037)

NOVEMBER 1974

- 5-8 • □ ASA □ St. Louis, Mo. (B. Goodfriend, ASA, 335 E. 45th St, New York, N. Y. 10017)
- 10-14 • **Engineering in Medicine and Biology** □ IEEE □ Philadelphia, Pa. (IEEE, 345 E. 47th St, New York, N. Y. 10017)

DECEMBER 1974

- 1-5 • □ AAPM-RADIOLOGICAL SOCIETY OF NORTH AMERICA □ Chicago, Ill. (L. Lanzl, Argonne Cancer Research Hospital, Dept. of Radiology, 950 E. 59th St, Univ. of Chicago, Chicago, Ill. 60637)
- 4-7 • □ APS □ Atlanta, Georgia (APS, 335 E. 45th St, New York, N. Y. 10017)
- 10-13 • □ AAS □ Gainesville, Fla. (L. W. Frederick, Leander-McCormick Observatory, P. O. Box 3818, Univ. Station, Charlottesville, Va. 22903)
- 11-13 • **Scintillation and Semiconductor Counter Symposium-Nuclear Science Symposium** □ IEEE; AEC; NASA; NBS □ Washington, D. C. (L. Costrell, NBS, Washington, D. C. 20234)

JANUARY 1975

- 27-2 • □ APS-AAPT □ Anaheim, Calif.

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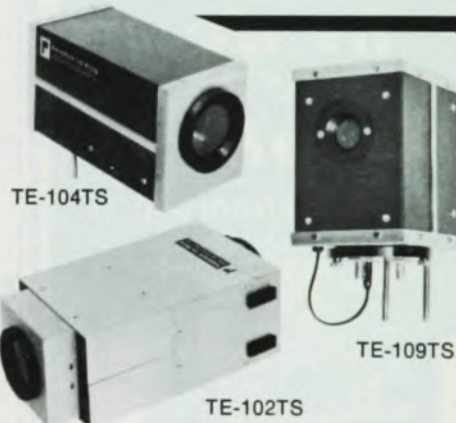
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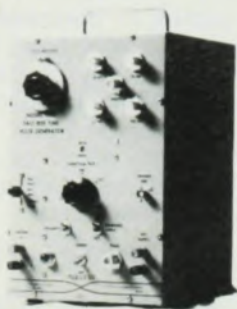


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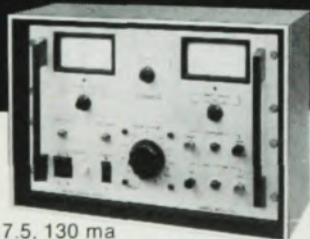


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JANUARY 1975

(APS, 335 E. 45th St, New York, N. Y. 10017)

MARCH 1975

31-3 • ☐ APS ☐ Denver, Colo. (APS, 335 E. 45th St, New York, N. Y. 10017)

APRIL 1975

8-11 • ☐ ASA ☐ Austin, Tex. (B. Goodfriend, ASA, 335 E. 45th St, New York, N. Y. 10017)

9-11 **Temperature Measurement ☐**
MATERIALS TESTING GROUP
OF IOP; INST. OF MEASURE-
MENT AND CONTROL; INST. OF
ELECTRICAL ENGINEERS ☐
Teddington, UK 1/73

JUNE 1975

19-21 • ☐ AAPT ☐ Boulder, Colo. (A. A. Strassenburg, Drawer A-W, State Univ. of N. Y., Stony Brook, N. Y. 11790)

JULY 1975

8-12 • **Phonon Scattering in Solids ☐**
ORGANIZING COMMITTEE OF
THE 2ND INTERNATIONAL
CONFERENCE ON PHONON
SCATTERING IN SOLIDS ☐
Univ. of Nottingham, UK (Meetings Officer, IOP, 47 Belgrave Sq, London SW1X 8QX, UK)

27-31 • ☐ AAPM ☐ San Antonio, Tex. (R. G. Waggner, Radiology Dept., Univ. of Texas Medical School, San Antonio, Tex. 78229)

AUGUST 1975

17-20 • ☐ AAS ☐ San Diego, Calif. (L. W. Frederick, Leander-McCormick Observatory, P. O. Box 3818, Univ. Station, Charlottesville, Va. 22903)

OCTOBER 1975

21-24 • ☐ OSA ☐ Boston, Mass. (J. W. Quinn, OSA, 2100 Pennsylvania Ave NW, Washington, D. C. 20037)

NOVEMBER 1975

4-7 • ☐ ASA ☐ San Francisco, Calif. (B. Goodfriend, ASA, 335 E. 45th St, New York, N. Y. 10017)

DECEMBER 1975

2-6 • ☐ AAPM-RADIOLOGICAL SOCIETY OF NORTH AMERICA ☐ Chicago, Ill. (L. Lanzl, Argonne Cancer Research Hospital, Dept. of Radiology, 950 E. 59th St, Univ. of Chicago, Chicago, Ill. 60637)

FEBRUARY 1976

2-5 • ☐ APS-AAPT ☐ New York, N. Y. (APS, 335 E. 45th St, New York, N. Y. 10017)

MARCH 1976

29-1 • ☐ APS ☐ Atlanta, Ga. (APS, 335 E. 45th St, New York, N. Y. 10017)

APRIL 1976

6-9 • ☐ ASA ☐ Washington, D. C. (B. Goodfriend, ASA, 335 E. 45th St, New York, N. Y. 10017)

JUNE 1976

21-24 • ☐ AAS ☐ Haverford, Pa. (L. W. Frederick, Leander-McCormick Observatory, P. O. Box 3818, Univ. Station, Charlottesville, Va. 22903)

NOVEMBER 1976

16-19 • ☐ ASA ☐ San Diego, Calif. (B. Goodfriend, ASA, 335 E. 45th St, New York, N. Y. 10017)

NEW LISTING OF SHORT COURSES AND SCHOOLS

16-20 JULY

Advanced Infrared Technology ☐
UNIV. OF MICH. ☐ Ann Arbor, Mich. (Engineering Summer Conferences, Chrysler Center, Univ. of Mich., Ann Arbor, Mich. 48105)

16-20 JULY

Atomic Absorption Spectrometry ☐
UCLA EXTENSION ☐ Los Angeles, Calif. (Continuing Education in Engineering and Science, University Extension, UCLA, P. O. Box 24902, Los Angeles, Calif. 90024)

23 JULY-3 AUGUST

Optical Processing: Fundamentals with Applications ☐ UNIV. OF MICH. ☐ Ann Arbor, Mich. (Engineering Summer Conferences, Chrysler Center, Univ. of Mich., Ann Arbor, Mich. 48105)

25 JULY-6 AUGUST

Constructive Quantum Field Theory ☐ INTERNATIONAL SCHOOL OF MATHEMATICAL PHYSICS ☐ Erice, Sicily (Main Secretariat, 'Ettore Majorana' Centre for Scientific Culture, Via Irnerio 46, I-40126 Bologna, Italy)

30 JULY-3 AUGUST

Modern Optics: Basic Processes and Components □ UCLA EXTENSION □ Los Angeles, Calif. (Continuing Education in Engineering and Science, P. O. Box 24902, University Extension, UCLA, Los Angeles, Calif. 90024)

6-10 AUGUST

Modern Optics: Optical Technology and Applications □ UCLA EXTENSION □ Los Angeles, Calif. (Continuing Education in Engineering and Science, P. O. Box 24902, University Extension, UCLA, Los Angeles, Calif. 90024)

6-10 AUGUST

Detection of Infrared Radiation □ UNIV. OF CALIF., SANTA BARBARA □ Santa Barbara, Calif. (Director, Basic and Applied Sciences, Univ. of Calif. Extension, Santa Barbara, Calif. 93106)

13-15 AUGUST

Applications of Holography □ ATHENS COLLEGE □ Athens, Ala. (G. L. Workman, Athens College, Athens, Ala. 35611)

13-17 AUGUST

Laser Interaction and Related Plasma Phenomena □ RENSSELAER POLYTECHNIC INST. □ Troy, N. Y. (Office of Continuing Studies, Rensselaer Polytechnic Inst., Troy, N. Y. 12181)

13-17 AUGUST

Materials Preparation Technology and Crystal Growth □ UCLA EXTENSION □ Los Angeles, Calif. (Continuing Education in Engineering and Science, University Extension, UCLA, P. O. Box 24902, Los Angeles, Calif. 90024)

20-24 AUGUST

Physics and Technology of Semiconductor Devices □ UCLA EXTENSION □ Los Angeles, Calif. (Continuing Education in Engineering and Science, University Extension, UCLA, P. O. Box 24902, Los Angeles, Calif. 90024)

27-31 AUGUST

Practical Applications of Accelerators □ CLINTON P. ANDERSON MESON PHYSICS FACILITY □ Los Alamos, N. M. (E. A. Knapp, Los Alamos Scientific Laboratory, Los Alamos, N. M. 87544)

27 AUGUST-1 SEPT

Particle Physics □ NATIONAL RESEARCH COUNCIL OF CANADA; PROVINCE OF QUEBEC; MCGILL UNIV. □ Montreal, Canada (C. Bridgemen, Physics Dept., McGill Univ., P. O. Box 6070, Montreal 101, Quebec, Canada)

17 SEPT-15 DEC

Mathematical and Numerical Methods in Fluid Dynamics □ IAEA-UNESCO INTERNATIONAL CENTRE FOR THEORETICAL PHYSICS □ Miramare-Trieste, Italy (International Centre for Theoretical Physics, P. O. Box 586, I-34100 Trieste, Italy) [6/30/73]

17 SEPT-21 DEC

Nuclear Physics □ IAEA-UNESCO INTERNATIONAL CENTRE FOR THEORETICAL PHYSICS □ Miramare-Trieste, Italy (International Centre for Theoretical Physics, P. O. Box 586, I-34100 Trieste, Italy) [7/31/73]

24-28 SEPTEMBER

High-Power Lasers and their Applications □ UNIV. OF TENN. SPACE INST. □ Naval Weapons Center, China Lake, Calif. (J. Bernard, Univ. of Tenn. Space Inst., Tullahoma, Tenn. 37388) [9/3/73 for US citizens; 7/15/73 for others]

1-5 OCTOBER

Microscopy of Fibers and Polymers □ MCCRONE RESEARCH INST. □ Chicago, Ill. (McCrone Research Inst., 2820 S. Michigan Ave, Chicago, Ill. 60616)

8-12 OCTOBER

Photomicrography □ MCCRONE RESEARCH INST. □ Chicago, Ill. (McCrone Research Inst., 2820 S. Michigan Ave, Chicago, Ill. 60616)

9-12 OCTOBER

Vacuum Technology □ AVS □ New York, N. Y. (N. Hammond, AVS, 335 E. 45th St, New York, N. Y. 10017)

Additional special one-day courses include: Freeze Drying, Partial Pressure Analysis, Vacuum Microbalance, Evaporation Methods, Surface Analysis, Sputtering/Ion Plating.

15-19 OCTOBER

Applied Polarized Light Microscopy □ MCCRONE RESEARCH INST. □ Chicago, Ill. (McCrone Research Inst., 2820 S. Michigan Ave, Chicago, Ill. 60616)

22-26 OCTOBER

Identification of Small Particles □ MCCRONE RESEARCH INST. □ Chicago, Ill. (McCrone Research Inst., 2820 S. Michigan Ave, Chicago, Ill. 60616)

22-30 OCTOBER

Theoretical and Practical Evaluation of Human Damage in Radioprotection □ INTERNATIONAL SCHOOL OF MEDICAL RADIOBIOLOGY □ Erice, Sicily (Main Secretariat, 'Ettore Majorana' Centre for Scientific Culture, Via Ippolito 46, I-40126 Bologna, Italy)

27, 28 OCTOBER

Instrumentation and Measurement of Rheological Properties □ S OF R □ Montreal, Canada (M. H. Birnboim, Chemistry Dept., Rensselaer Polytechnic Inst., Troy, N. Y. 12180)

16 JAN-10 APRIL 1974

Surface Science □ IAEA-UNESCO INTERNATIONAL CENTRE FOR THEORETICAL PHYSICS □ Trieste, Italy (Deputy Director, International Centre for Theoretical Physics, P. O. Box 586, I-34100 Trieste, Italy) [9/15/73] □

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