

calendar

MARCH 1975

- 12-14 **Particle Accelerator Conf** [IEEE; NBS; APS; AEC; NSF] Washington, D.C. 12/73
- 12-15 • **22nd Int Scientific Congress on Electronics** [Organizing Committee] Rome, Italy (*Secretariat, Int Exhibition of Electronics, Nuclear Energy and Aerospace Technology, Via Crescenzo n. 9, 00193 Rome, Italy*)
- 14, 15 **Theoretical Physics—13th Annual Eastern Conf** [Organizing Committee] Phila., Pa. 11/74
- 17, 18 **Simulators and Simulation** [Soc of Photo-Optical Instrumentation Engineers; OSA] Anaheim, Cal. [12/6/74] 1/75
- 17-19 **Amer Nat'l Metric Council Conf and Exposition** [ANMC] Washington, D.C. 1/75
- 17-20 **Surfaces** [IOP] Warwick, UK [12/1/74] 11/74
- 17-21 **OSA Spring Conf** [OSA] Anaheim, Cal. 11/74
- 17-21 **Waves and Instabilities in Plasmas** [Inst for Theoretical Physics] Innsbruck, Austria 7/74
- 17-22 **Solid-State Physics** [German Physical Soc] Munich, West Germany 1/75
- 17-25 **Use of High-Level Radiation in Waste Treatment—Status and Prospects—Symp** [IAEA] Munich, West Germany [10/1/74] 9/74
- 18-20 **Conf on Micro-Electron Beam Technology for Fabrication, Recording and Dynamic Inspection** [IOP] Cambridge, England [1/15/75] 11/74
- 20-22 **Tex. Section AAPT/Tex. Acad of Science** [AAPT; TA of S] Huntsville, Tex. 1/75
- 21, 22 **Joint Atlantic Sem on the History of the Physical Sciences** [Joint Atlantic Sem] New Haven, Conn. 1/75
- 21, 22 **MIT Bates Linear Accelerator Annu-**

- al Users Group Meeting** [MIT] Cambridge, Mass. 1/75
- 21, 22 **Regional SPS Meeting/Ark. Section AAPT** [SPS, AAPT] Fayetteville, Ark. 1/75
- 21-23 • **Soc Nuclear Medicine Southwestern Chapter Meeting** [SNM] Galveston, Tex. (T. Haynie, 6723 Bertner Dr, Houston, Tex. 77025)
- 22 • **SPS Zone 2 Regional Meeting** [SPS] New York, N.Y. (W. Ellison, Physics Dept, Cooper Union School of Engineering & Science, New York, N.Y. 10003)
- 23-26 • **AAS 145th Meeting** [AAS] Bloomington, Ind. (H. Gurin, 211 FitzRandolph Rd, Princeton, N.J. 08540) [1/25/75]
- 24, 25 **Defect-Property Relationships in Solids—Nat'l Conf** [Princeton Univ; Materials Research Soc] Princeton Univ 9/74
- 24, 25 **Zmuda Memorial Conf on Geomagnetic Field Models** [Amer Geophysical Union; NASA; Soc of Exploration Geophysicists; US Geological Survey] Colorado Springs, Colorado [12/15/74] 1/75
- 24-26 **Nuclear Interactions at Medium and Low Energies** [IOP; EPS; Atomic Energy Research Establishment] Harwell, UK 11/74
- 24-26 • **Study of Carbon and Graphite by Electron Microscopic Methods** [IOP] Aberystwyth, Wales (*Meetings Office, IOP, 47 Belgrave Sq, London SW1X 8QX*) [12/1/74]
- 24-26 **Ultrasonics Int Conf and Exhibition** [IPC Science and Tech Press Ltd] Imperial College, London, UK 9/74
- 24-27 **Automatic Image Processing in Astronomy—Int Conf** [Organizing Committee] Utrecht, Netherlands 11/74
- 25, 26 **The Magnetosphere, Ionosphere and Solar Terrestrial Environment** [IOP and Royal Astronomical Soc]

This is a complete listing of physics-related meetings known to us. A complete calendar will appear in alternate months (no calendar in other months). Those wishing to submit items for the calendar should send complete information at least *three months* before the notice should appear.

Abbreviations:

- AAPM** American Association of Physicists in Medicine
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
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** [Sponsor] Location (Contact) [abstract deadline] *Physics Today* reference • new listing
 □ new or revised information

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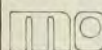
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Exeter, UK 11/74

25-27 **Inst of Acoustics—Spring Meeting** [IOP] Nottingham, UK 11/74

31-3 **General Meeting** [APS] Denver, Colo. 7/73

APRIL 1975

2-4 **Physics of Hot Plasma in the Magnetosphere** [Swedish Nobel Foundation] Kiruna, Sweden 7/74

2-4 **Physical Adsorption in Condensed Phases—Faraday General Discussion Meeting** [Organizing Committee] Bristol, UK [6/15/74] 11/74

2-4 **Physics of Hot Plasma in the Magnetosphere** [Swedish Nobel Foundation] Kiruna, Sweden 7/74

7-9 **Interatomic Forces in Condensed Matter** [IOP] Reading, UK 11/74

7-11 **Nuclear Physics** [German Physical Soc] The Hague, Netherlands (P. Brussaard, Nederlandse Natuurkundige Vereniging, Sorbonnelaan 4, Utrecht Nederlande)

7-12 **Molecular Beams—5th Symp** [Lab de Physique Moleculaire des Hautes Energies] Nice, France 5/74

8-10 **Acoustics** [German Physical Soc] Braunschweig, West Germany (H. Diestel, Physikalisch-Technische Bundesanstalt D-33 Braunschweig, Bundesallee 100, West Germany)

8-10 **Int Convention and Exposition** [IEEE] New York, N.Y. 11/74

8-11 **Acoustics** [ASA] Austin, Tex. 7/73

8-11 **Atomic and Molecular Physics—7th Nat'l Conf** [IOP] Edinburgh, UK 11/74

8-11 **Engineering Uses of Coherent Optics** [IOP] Glasgow UK 1/74

8-11 **Incoherent Light Sources** [IOP] Loughborough, UK 5/74

9-11 **Magnetic Resonance in Conductors and Disordered Materials** [EPS] Paris, France 11/74

9-11 **Temperature Measurement** [Materials Testing Group of IOP; Inst of Measurement and Control; Inst of Electrical Engineers] Teddington, UK [7/5/74] 1/73

9-11 **Soft Magnetic Materials** [EPS] Cardiff, Wales, UK 9/74

11, 12 **Particle Physics** [APS] Stony Brook and Upton, N.Y. 1/75

11-13 **Soc Nuclear Medicine Mid-Eastern Chapter 5th Annual Meeting** [SNM] Annapolis, Md. (W. Dear, Mercy Hospital, 301 St. Paul Place, Baltimore, Md. 21202)

13-16 **Energy of the Environment** [Inst of Environmental Sciences] Anaheim, Cal. (B. Peterson, Inst of Environmental Sciences, 940 E. Northwest Highway, Mt Prospect, Ill. 60056) 1/75

14-16 **Computational Physics of Liquids and Solids** [IOP] Oxford, UK 11/74

14-17 **□ Europhysics Study Conference on Multiphoton Processes** [EPS; Société Française de Physique] Vallee de la Loire, France (G. Mainfray, Service de Physique Atomique, CEN SA-CLAY, BP n° 2, 91190 Gif-sur-Yvette, France)

14-17 **INTERMAG 1975** [IOP; IEEE; Inst of Electrical Engineers] London, UK 8/73

14-17 **Nuclear Quadrupole Resonance**

Spectroscopy—3rd Int Symp [Organizing Committee] Gainesville, Fla. [11/15/74] 11/74

14-18 **Magnet Technology—5th Int Conf** [Laboratori Nazionali de Frascati] Frascati Italy [11/1/74] 5/74

15-17 **• Industry Synergetic Aerospace** [Instrument Soc of Amer] Huntsville, Ala. (W. Williams, PO Box 1404, Huntsville, Ala. 35807)

18, 19 **Zone 3 SPS/Central Pa. Section AAPT** [SPS; AAPT] Bloomsburg, Pa. (H. Gates, Physics Dept, Bloomsburg State College, Bloomsburg, Pa. 17815) 1/75

19 **Iowa Section AAPT** [AAPT] Ames, Iowa (W. Azbell, 502 4th St SW, Waverly, Iowa 50677) 1/75

20-23 **Circuits and Systems—Int Symp** [Organizing Committee] Newton, Mass. 11/74

20-24 **16th Experimental Nuclear Magnetic Resonance Spectroscopy Conf** [Organizing Committee] Asilomar, Cal. (K. Williamson, Chemistry Dept, Mount Holyoke College, South Hadley Mass. 01075) 1/75

21-22 **• Metrics for Industry, Worker and Consumer** [Appalachian State Univ] Boone, N.C. (T. Rokoske, Physics Dept, ASU, Boone, N.C. 28608)

21-25 **Clustering Phenomena in Nuclei—2nd Int Conf** [Organizing Committee] College Park, Md. 1/75

21-25 **IEEE Electrical and Electronic Engineers in Israel** [IEEE Israeli Section] Tel Aviv, Israel [10/15/74] 11/74

21-25 **Int European Nuclear Conf** [Organizing Committee] Paris 7/74

22-25 **• 3rd Conf on the Laser** [N.Y. Acad of Sciences] New York, N.Y. (Conf Dept, NYAS, 2 E. 63rd St, New York, N.Y. 10021)

24, 25 **• 6th Annual Pittsburgh Conf on Modeling and Simulation** [Univ of Pittsburgh] Pittsburgh, Pa. (W. Vogt, Modeling and Simulation Conf, 231 Benedum Engineering Hall, Univ of Pittsburgh, Pittsburgh, Pa. 15261) [1/31/75]

26 **• SPS Zone 2 Regional Meeting** [SPS] Cortland, N.Y. (R. Chaturvedi, Physics Dept, SUNY College at Cortland, Cortland, N.Y. 13045)

28-30 **• IEEE Conf on Scientific Journals** [IEEE] Cherry Hill, N.J. (IEEE, 345 E. 47th St, New York, N.Y. 10017)

28-1 **General Meeting** [APS] Washington, D.C. 10/73

MAY 1975

2 **• Spallation Nuclear Reactions and Their Applications in Astrophysics and Radiotherapy** [Univ of Pa.] Philadelphia, Pa. (B. Shen, DRL/E-1, Univ of Pa., Philadelphia, Pa. 10174)

2 **Zone 4 SPS Meeting** [SPS] Annapolis, Md. 1/75

3-8 **American Ceramic Soc 77th Annual Meeting** [American Ceramic Soc] Washington D.C. 5/74

5-8 **Static Electrification—4th Conf** [IOP] London, UK 3/74

6-8 **IEEE Photovoltaic Specialists Conf** [Electron Devices Group] Scottsdale, Ariz. [11/1/74] 11/74

6-8 **• Topical Conf on Quantitative Magnetospheric Models** [Amer Geophysical Union] Southern Cal. (W. Olson, McDonnell Douglas Astronau-

tics Co, 5301 Bolsa Ave, Huntington Beach, Cal. 92647)

- 9, 10 **Liquid Crystals—APS Ohio Section Spring Meeting** [APS] Kent, Ohio 11/74
- 11–15 **Radiation Research Soc—Annual Meeting** [RRS] Miami Beach, Fla. 11/74
- 11–16 **Electrochemical Soc Meeting** [Electrochem Soc] Toronto, Canada [12/1/74] 9/74
- 11–16 **23rd Annual Conf on Mass Spectrometry and Allied Topics** [Amer Soc for Mass Spectrometry] Houston, Tex. 1/75
- 12–14 **Int Microwave Symp** [IEEE] Palo Alto, Calif. 11/73
- 13–15 **Electrical and Electronic Measurement and Test Instrument Conf** [IEEE] Ottawa, Canada 1/75
- 13–16 **Radiation Protection—3rd European Congress** [Assoc Belge de Radioprotection; British Radiological Protection Assoc Ltd] Amsterdam [10/1/74] 7/74
- 14–16 • **IEEE Int Conf on Plasma Science** [IEEE] Ann Arbor, Mich. (IEEE, 345 E. 47th St, New York, N.Y. 10017) [1/13/75]
- 18–21 **Jupiter—30th Colloquium of the Int Astronomical Union** [IAU] Tucson, Ariz. 1/75
- 19–21 **Aerospace Electronics** [IEEE] Dayton, Ohio 10/73
- 20–23 **Nuclear Electronics Symp** [Nuclear and Plasma Sciences Soc; N Italy Section of IEEE] Stresa, Italy [1/25/75] 1/75
- 20–29 • **2nd United Nations Geothermal Energy Symp** [Organizing Committee] San Francisco, Cal. (United Nations Geothermal Symp, PO Box 7798, San Francisco, Cal. 94120)
- 21, 22 • **17th Israel Annual Conf on Aviation and Astronautics** [Israel Inst of Tech] Tel Aviv and Haifa, Israel (Secretary, Organizing Committee, 17th Israel Annual Conf on Aviation and Astronautics, Dept of Aeronautical Engineering, Technion, Haifa, Israel)
- 21–24 • **Achieving a Balanced Chemical Population** [Amer Inst of Chemists] Boston, Mass. (M. Coffey, Amer Inst of Chemists, 7315 Wisconsin Ave, Washington, D.C. 20015)
- 22, 23 **Calorimetry and Thermal Analysis** [Association Francaise de Calorimetrie et d'Analyse Thermique; Societe Chimique de France] Grenoble, France 1/75
- 26–28 **Defects in MgO and Related Materials** [NSF] Asheville, N.C. 1/75
- 28–30 **Frequency Control—29th Annual Symp** [US Army] Atlantic City, N.J. [1/15/75] 11/74
- 28–30 **Laser Engineering and Applications** [IEEE] Washington, D.C. 8/73

JUNE 1975

- 2–4 • **14th Int Conf on Thermal Conductivity** [Univ of Conn.] Storrs, Conn. (P. Klemens, 14th Int Conf on Thermal Conductivity, Physics Dept, Storrs, Conn. 06268)
- 2–4 **Physical Electronics Conf** [APS Divisions of Solid State Physics and Electron and Atomic Physics] Univ Park, Pennsylvania 9/74
- 2–6 **Effective Interactions and Operators**

in Nuclei [Organizing Committee, Univ of Ariz.] Tucson, Ariz. 11/74

- 2–6 **5th Int Conf on Atomic Masses and Fundamental Constants** [IUPAP] Paris, France [12/31/74] 1/75
- 2–6 • **Symp on Combined Effects on Environment of Radioactive, Chemical and Thermal Releases from the Nuclear Industry** [IAEA] Stockholm, Sweden (J. Kane, Office of Information Services, US AEC, Washington, D.C. 20545) [12/31/74]
- 3–6 **US-Japan S of R Joint Meeting** [S of R] Honolulu, Hawaii [1/15/75] 11/74
- 3–7 **Atomic Masses and Fundamental Constants—5th Int Conf** [IUPAP] Paris, France 11/74
- 8–13 **High Energy Physics and Nuclear Structure—6th Int Conf** [IUPAP; NSF; AEC] Santa Fe, N.M. 9/74
- 9–11 **Applications of Ferroelectrics—IEEE Symp** [IEEE; Sandia Labs; Army Research Office] Albuquerque, N.M. [1/15/75] 11/74
- 9–11 **Power Electronics Specialists Conf** [IEEE] Los Angeles, Cal. [12/20/74] 1/75
- 9–12 **Canadian Assoc of Physicists Annual Congress** [CAP] Toronto, Canada [4/1/75] 1/75
- 10–13 • **9th Annual June Inst of Modern Astronomy and Astrophysics** [Univ of Toronto] Toronto, Canada (J. Percy, Astronomy Dept, Univ of Toronto, Toronto, Canada M5S 1A7)
- 15–18 **Nuclear Reactors—Int Conf** [Canadian Nuclear Assoc] Ottawa, Canada [3/31/75] 11/74
- 15–20 **Fluidization Conf** [Engineering Foundation] Pacific Grove, Cal. [9/6/74] 11/74
- 15–20 **21st Annual Meeting** [American Nuclear Society] Dallas, Tex. 10/73
- 16–18 **General Meeting** [APS] Knoxville, Tenn. 10/73
- 16–20 **Molecular Spectroscopy Symp** [Ohio State Univ] Columbus, Ohio [3/1/75] 1/75
- 17–20 **Lasers in Physical Chemistry and Biophysics** [Societe de Chimie Physique] Paris, France 11/74
- 17–20 **Soc of Nuclear Medicine Annual Meeting** [Soc of Nuclear Medicine] Philadelphia, Pa. 7/74
- 18–20 • **Conf on Imaging in Astronomy** [AAS; OSA:] Cambridge, Mass. (W. Wetherell, Itek Corp, 10 Macquire Rd, Lexington, Mass. 02173) [3/15/75]
- 19–21 **General Meeting** [AAPT] Boulder, Colo. 7/73
- 22–27 **European Assoc of Radiology—3rd Congress and Tech Exhibition** [Brit Inst of Radiology] Edinburgh, UK 11/74
- 23–27 • **Int Symp on the OKLO Phenomenon** [IAEA] Franceville, Gabon (J. Kane, Office of Information Services, US AEC, Washington, D.C. 20545) [1/31/75]
- 23–27 **4th Int Colloquium on Group Theoretical Methods in Physics** [Instituut Voor Theoretische Fysica] Nijmegen, The Netherlands 1/75
- 23–27 **Laser Spectroscopy—2nd Conf** [Laboratoire de Spectrometrie Physique] Megève, France 11/74
- 23–27 • **Research Conf on Theoretical**

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Chemistry [Univ of Colo.] Boulder Colo. (Conf on Theoretical Chemistry, C. Kern, Battelle Memorial Inst, 505 King Ave, Columbus, Ohio 43201)

24-26 • **Device Research Conf [IEEE]** Ottawa, Canada (E. Gordon, Bell Labs, Murray Hill, N.J. 07974)

25-27 • **1st Int Colloquium on Mercury** [Int Astronomical Union; AAS; Amer Geophysical Union; NASA; Cal. Inst of Tech;] Pasadena, Cal (J. Dunne, 1st Int Colloquium on Mercury, Cal Inst of Tech, Jet Propulsion Lab, 4800 Oak Grove Drive, Pasadena, Cal. 91103)

28-4 **Cooperation and Interdependence in the Modern World—6th Int Conf on Science and Society** [Organizing Committee] Belgrade, Yugoslavia [11/15/74] 1/75

30-4 • **IAEA Int Symp on Radiological Impacts of Releases from Nuclear Facilities into Aquatic Environments** [IAEA] Otaniemi, Finland (J. Kane, Office of Information Services, US AEC, Washington, D.C. 20545)

JULY 1975

1-3 **Theory and Applications of Walsh Functions Symp [IEEE]** Hertfordshire, England [11/22/74] 1/75

1-5 **Stars and Galaxies from an Observational Point of View** [Georgian Astrophysical Observatory] Tbilisi, USSR 11/74

6-13 **Sedimentology—9th Int Congress** [Int Union of Geological Sciences] Nice, France 11/74

7-11 **Atomic Spectroscopy—7th Conf [EPS]** Grenoble, France 11/74

13-17 **Crystal Growth—3rd National Conf** [American Assoc for Crystal Growth] Palo Alto, Calif. 5/74

13-17 **Health Physics** [Health Physics Society] Buffalo, N.Y. 10/73

14-17 • **Nuclear and Space Radiation Effects [IEEE]** Arcata, Cal. (IEEE, 345 E. 47th St, New York, N.Y. 10017) [3/4/75]

16-19 • **Calorimetry Conf** [Organizing Committee] Seattle, Wash. (H. Flotow, Argonne National Lab, Argonne, Ill. 60439)

20-25 **Power Engineering Society Summer Meeting [IEEE]** San Francisco, Cal. [2/1/75] 1/75

21-23 **Summer Computer Simulation Conf** [Organizing Committee] San Francisco, Cal. [12/1/74] 1/75

21-25 **Dielectric Materials, Measurements and Applications** [Inst of Electrical Engineers] Cambridge, UK 11/74

24-30 **Int Conf on the Physics of Electronic and Atomic Collisions** [Univ of Washington] Seattle, Washington, 11/73

25-30 • **3rd Int Conf on Light Scattering in Solids [IUPAP]** Campinas, S. P., Brazil (R. Leite, Instituto de Fisica, UNICAMP, Campinas 13100 S.P., Brazil)

28-31 **Conduction and Breakdown of Dielectric Liquids—5th Int Conf** [Delft Univ of Tech] Noordwijk, The Netherlands [1/1/75] 9/74

30-6 **IUPAP Congress of Physics Educa-**

tion [IUPAP; UNESCO; IOP] Edinburgh, UK 11/74

AUGUST 1975

3-7 **Medical Physics [AAPM]** San Antonio, Texas 1/74

4-7 • **Image Processing for 2D and 3D Reconstruction from Projections: Theory and Practice in Medicine and the Physical Sciences [OSA]** Stanford, Cal. (OSA, 2000 L St, N.W., Washington, D.C. 20036) [4/1/75]

4-9 **Biophysics—5th Int Congress [IUPAP]** Copenhagen, Denmark 11/74

5, 6 **Neutron Diffraction Conf** [Int Union of Crystallography] Petten (NH), The Netherlands 11/74

6-8 • **Applications of X-Ray Analysis** [Univ of Denver] Denver, Colo. (C. Ruud, Metallurgy and Materials Science Div, Denver Research Inst, Univ of Denver, Denver, Colo. 80210) [4/14/75]

6-19 **6th Hawaii Topical Conf in Particle Physics** [Univ of Hawaii] Honolulu, Hawaii 1/75

7-15 **Crystallography** [Int Union of Crystallography] Amsterdam, The Netherlands 10/73

11-15 • **European Conf on Astronomy** [EPS; Royal Astronomical Soc] Leicester, England (K. Pounds, Physics Dept, University Rd, Leicester LE1 7RH, England)

11-15 **Infrared Physics** [Swiss Federal Inst of Tech] Zurich Switz. 9/74

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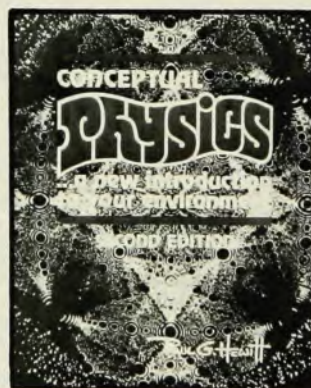
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- 14-20 **Low Temperature Physics—14th Int Conf** [IUPAP; Int Inst of Refrigeration] Otaniemi, Finland [5/15/75] 3/74
- 15-29 **Cosmic Ray Conf** [IUPAP] Munich, West Germany 5/74
- 17-20 **Astronomy [AAS]** San Diego, Calif. 7/73
- 17-22 • **IEEE Intersociety Energy Conversion Engineering Conference [IEEE]** Newark, Dela. (IEEE, 345 E. 47th St, New York, N.Y. 10017) [1/15/75]
- 18-22 **Phenomena in Ionized Gases—12th Int Conf** [Technische Hogeschool te Eindhoven] Eindhoven, The Netherlands 9/74
- 19-21 **Active Semiconductor Devices for Microwaves and Integrated Optics** [Cornell Electrical Engineering School; IEEE] Ithaca, N.Y. 11/74
- 19-22 **Cyclotrons and their Applications—7th Int Conf** [Swiss Inst for Nuclear Research] Zurich, Switz. 7/74
- 21-27 **Lepton and Photon Interactions at High Energies** [IUPAP; AEC; NSF; Stanford Linear Accelerator Center] Stanford, Cal. 11/74
- 22-6 **Int Union of Geodesy and Geophysics—General Assembly** [IUGG] Grenoble, France 11/74
- 25-27 • **Preparation and Properties of Electronic Materials** [Amer Inst of Mining, Metallurgical and Petroleum Engineers] Princeton, N.J. (R. Burmeister Jr, Hewlett-Packard Labs, 1501 Page Mill Rd, Palo Alto, Cal. 94304) [4/30/75]
- 25-28 **Accuracy of Flow Measurement by**

- Laser Doppler Methods—Symp** [Tech Univ of Denmark; Disa Elektronik A/S, Denmark.] Copenhagen, Denmark [2/1/75] 11/74
- 25-29 **Atomic Spectroscopy** [Australian Academy of Science] Clayton, Victoria, Australia 3/74
- 25-29 **Int Commission for Optics—10th Session [OSA]** Prague, Czech. 7/74
- 25-29 **Statistical Physics—Int Conf** [IUPAP] Budapest, Hungary [5/1/75] 7/74
- 25-29 **Thin Films—Basic Problems, Applications and Trends** [Int Thin Film Committee] Budapest, Hungary [12/1/74] 7/74
- 25-30 **Polarization Phenomena in Nuclear Reactions—4th Int Symp** [IUPAP] Zurich, Switz. 9/74
- 27-29 **APS Div of Particles and Fields [APS]** Seattle, Wash. 1/75
- 27-30 **Phonon Scattering in Solids—2nd Int Conf** [EPS] Nottingham, UK 9/74

SEPTEMBER 1975

- 1-5 **Controlled Fusion and Plasma Physics** [EPS] Lausanne, Switzerland 3/74
- 1-5 **Electronic Properties of Solids under High Pressure** [EPS; European High Pressure Research Group] Leuven Belgium [5/15/75] 1/74
- 1-5 **Luminescence—Int Conf** [IUPAP] Tokyo, Japan 5/74
- 1-5 **Multiple Periodic Variable Stars** [Int Astronomical Union] Budapest, Hungary 11/74

- 1-5 **39th Physics Conf** [German Physical Soc] Munich, West Germany 1/75
- 2-4 **Quantum Electronics—2nd Nat'l Conf** [IOP] Oxford, UK 11/74
- 2-5 **In Situ Composites-II—Int Conf** [General Electric] Lakeville, Conn. [3/1/75] 11/74
- 8-11 **Developments in Electron Microscopy and Analysis** [IOP] Bristol, UK 11/74
- 8-11 **5th Int Symp on Boron and Borides** [Univ of Bordeaux] Bordeaux, France 1/75
- 8-11 **Gasdynamics of Explosions and Reactive Systems—5th Int Colloq** [Int Academy of Astronautics] Bourges, France [3/1/75] 11/74
- 8-12 **Applications of Ion Beams to Materials—Int Conf** [IOP] Coventry, UK 11/74
- 8-17 • **Int Commission on Illumination** [Organizing Committee] London, England (J. Quinn, OSA, Suite 620, 2000 L St, N.W., Washington, D.C. 20036)
- 9-11 **Physical Aspects of Noise in Solid State Devices—Int Conf** [Dutch Physical Soc] Noordwijkerhout, The Netherlands 9/74
- 9-15 **Energy and Physics—Gen Conf** [EPS] Bucharest, Rumania 9/74
- 9-12 • **3rd Topical Conf on Pulsed High Beta Plasmas** [UK Atomic Energy Authority; IOP; APS] Abingdon, UK (J. Maple, UKAEA, Culham Lab, Abingdon, Oxfordshire OX14 3DB, UK) [5/31/75]

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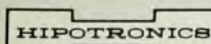


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17-21 MARCH 1975

Direct Energy Conversion [Ariz. State Univ] Tempe, Ariz. (C. Backus, Engineering Center, Ariz. State Univ, Tempe, Ariz. 85281)

24-28 MARCH

8th Semi-Annual Short Course on Laser Safety [Univ of Cincinnati] Cincinnati, Ohio (Laser Safety Course, Conmed, New Medical College Building, Cincinnati, Ohio 45229)

11-20 APRIL

Physics of Non-Equilibrium Systems; Fluctuations, Instabilities and Phase Transitions [NATO] Geilo, Norway (Gerd Jarrett, The Netherlands-Norwegian Reactor School, Institut for Atomenergi, 2007 Kjeller, Norway)

19-23 MAY 1975

Fundamentals of Digital and Optical Image Processing [Univ of Rochester] Rochester, N.Y. (Inst of Optics, Univ of Rochester, Rochester, N.Y. 14627, att: Summer Optics Programs)

9-13 JUNE

Cooperative Phenomena and Phase Transitions—Principles and Applications [MIT] Cambridge, Mass. (H. Stanley, Physics Dept, MIT, Cambridge, Mass. 02139)

16-20 JUNE

Biomedical Physics and Biomaterials Engineering [MIT] Cambridge, Mass. (H. Stanley, Physics Dept, MIT, Cambridge, Mass. 02139)

16-21 JUNE

Experimental Status and Theoretical Approaches in Physics at the High Energy Accelerators [McGill Univ] Montreal, Canada (Secretary, Inst of Particle Physics, McGill Univ, PO Box 6070, Station A, Montreal, Quebec, Canada H3C 3G1)

16-27 JUNE

Design and Analysis of Scientific Experiments [MIT] Cambridge, Mass. (Director, Summer Session, Rm E19-356, MIT, Cambridge, Mass. 02139)

23-27 JUNE

Solar Energy Utilization [Univ of Mich.] Ann Arbor, Mich. (Continuing Engineering Education, 300 Chrysler Center—North Campus, Univ of Mich., Ann Arbor, Mich. 48105)

7-11 JULY

Fiber Optic Communication Systems [Univ of Cal.] Santa Barbara, Cal. (Director, Basic and Applied Sciences, Univ of Cal. Extension, Santa Barbara, Cal. 93106)

14-25 JULY

Contemporary Optical Engineering [Univ of Rochester] Rochester, N.Y. (Inst of Optics, Univ of Rochester, Rochester, N.Y. 14627, att: Summer Optics Programs)

21-25 JULY, 28 JULY-1 AUGUST (2 parts)

Nuclear Fuel and Power Management [MIT] Cambridge, Mass. (Director of Summer Session, Rm E19-356, MIT, Cambridge, Mass. 02139)

27 JULY-31 AUGUST

Int Summer Inst in Quantum Chemistry and Solid-State Physics [Univ of Uppsala] Uppsala, Sweden (Director, Summer Inst. Quantum Chemistry Group, Box 518, S-751 20 Uppsala, Sweden)

28 JULY-1 AUGUST

Optical System Design [Univ of Rochester] Rochester, N.Y. (Inst of Optics, Univ of Rochester, Rochester, N.Y. 14627, att: Summer Optics Programs)

28 JULY-1 AUGUST

Physical Aspects of Nuclear Medicine and Quantitative Radiography [MIT] Cambridge, Mass. (Director of the Summer Session, Room E19-356, MIT, Cambridge, Mass. 02139)

28 JULY-1 AUGUST

Technology Assessment [Univ of Mich.] Ann Arbor, Mich. (Continuing Engineering Education, 300 Chrysler Center—North Campus, Univ of Mich., Ann Arbor, Mich. 48105)

30 JULY-6 AUGUST

X-ray Analysis by Spectrometry and Powder Diffraction [Univ of Denver] Denver, Colo. (M. Cain, Univ of Denver Research Inst, Univ Park Station, Denver, Colo. 80210)

3-16 AUGUST

Long-time Predictions in Dynamics [NATO] Cortina d'Ampezzo, Italy (V. Szebehegyi, Taylor Hall 227, Univ of Tex., Austin, Tex. 78712)

4-8 AUGUST

Detection of Infrared Radiation [Univ of Cal.] Santa Barbara, Cal. (Director, Basic and Applied Sciences, Univ of Cal. Extension, Santa Barbara, Cal. 93106)

• • •

The following courses are sponsored by George Washington Univ and located in Washington, D.C. For further information contact Director, Continuing Engineering Education, George Washington Univ, Washington, D.C. 20052.

10-14 MARCH 1975

Computer Communication Networks

17-21 MARCH

Satellite Communications Systems

24-26 MARCH

Nonparametric Statistics

21-25 APRIL

Mathematical Models for the Environmental Sciences: Application of Mathematical and Probabilistic Techniques to Environmental Problems

28 APRIL-2 MAY

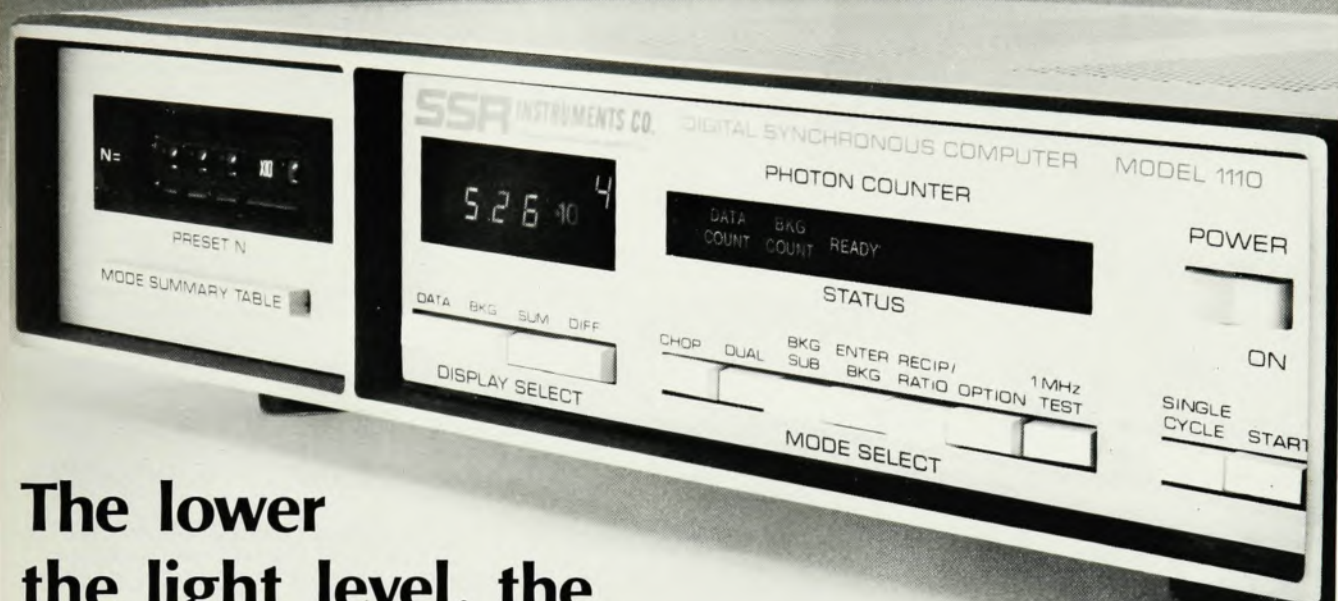
Modern Telecommunications—Principles, Theory and Techniques

29 APRIL-1 MAY

Laser Communications—Recent Advances, Technology and Applications

12-15 MAY

Infrared Techniques and Applications [Naval Research Lab]



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- Low Light Level TV Research
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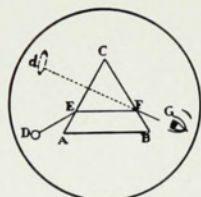


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Complementing the change-over to a yearly national meeting, the Optical Society of America is sponsoring an exhibit next October 21–23 in the Veterans' Auditorium adjoining the Meeting Headquarters in the Sheraton Boston. Some 1,500 registrants are expected at the Meeting; invited papers on the following topics will be presented:

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- 10-12 • **Int Meeting on Hyperfine Interactions** [Univ of Leuven] Leuven, Belgium (L. Vanneste, *KUL-Instituut voor Kern-en Stralingsfysika Celestijnenlaan 200 D, 3030 HEVERLEE, Belgium*)
- 15-19 **Beam-Foil Spectroscopy—4th Int Conf** [Univ of Tenn; ORNL] Gatinsburg, Tenn. 9/74
- 16-18 **Fibre/Matrix Interactions: The Physics of Reinforcement** [IOP] Brighton, UK [12/1/74] 1/75
- 16-19 **Optical Fiber Comm—Int Conf** [IEE, IOP] London, UK 9/74
- 21-27 • **26th Int Astronautical Congress** [Int Astronautical Federation] Lisbon, Portugal (*Int Astronautical Federation, 250 Rue Saint Jacques, 75005 Paris, France*) [3/15/75]
- 22-24 **Ocean '75 Conf and Exposition** [IEEE; Marine Technology Soc] San Diego, Cal. [2/3/75] 1/75
- 22-25 **Reactor Dosimetry: Developments and Standardization** [ASTM; EURATOM Working Group on Reactor Dosimetry] Petten, The Netherlands [2/28/75] 1/75
- 22-26 **Ferroelectricity** [EPS] Zurich, Switzerland 5/74
- 22-26 **5th Int Conf on Chemical Vapor Deposition** [Electrochemical Soc, Inc] Bucks, England [1/15/75] 1/75
- 23-26 **Atomic Spectroscopy Symp** [NBS] Gaithersburg, Md. 9/74

OCTOBER 1975

- 1-3 • **Int Conf on Radiation Effects and Tritium Technology for Fusion Reactors** [ORNL] Gatinsburg, Tenn. (*J. Scott, Metals and Ceramics Div, ORNL, PO Box X, Oak Ridge, Tenn. 37830*) [5/1/75]
- 4-9 • **Annual Conf of Amer Inst of Ultrasound in Medicine and Amer Soc of Ultrasound Technical Specialists** [AIUM; ASUTS] Winston-Salem, N.C. (*S. Gulley, AIUM/ASUTS 1975, Div of Continuing Education, Bowman Gray School of Medicine, Winston-Salem, N.C. 27103*) [5/1/75]
- 5-10 • **Electrochemical Soc Meeting** [ES] Dallas, Tex. (*W. McAllister, Westinghouse Electric Corp, Lamp Div, One Westinghouse Plaza, Bloomfield, N.J. 07003*) [5/1/75]
- 5-12 **Fundamental Aspects of Radiation Damage in Metals** [AEC; ORNL] Gatinsburg, Tenn. 7/74
- 6-10 **Analytical Chemistry and Spectroscopy** [Fed of Analytical Chemistry and Spectroscopy Societies] Indianapolis, Ind. 1/74
- 8-10 **Scintillation and Semiconductor Counter Symp** [IEEE] Washington, D.C. 11/74
- 12-15 **Electron Devices** [IEEE] Washington, D.C. 10/73
- 12-16 **Society of Exploration Geophysicists 45th Meeting** [Soc of Exploration Geophysicists] Denver, Colo. 7/74
- 17, 18 • **Ohio Section Fall Meeting—Acoustics** [APS] Muncie, Ind. (*H. Maxwell, Ohio Wesleyan University, Delaware, Ohio 43015*) [10/3/75]
- 20-22 **Frontiers in Education—Int Conf** [IEEE] Atlanta, Ga. [12/15/74] 11/74
- 20-24 • **Int Symp on the Safeguarding of Nuclear Materials** [IAEA] Vienna,

Austria (*J. Kane, Office of Information Services, US AEC, Washington, D.C. 20545*) [4/14/75]

- 21-24 **Annual Meeting** [OSA] Boston, Mass. 7/73
- 27-30 **S of R 46th Annual Meeting** [S of R] St. Louis, Mo. 1/75
- 28-31 • **13th Conf on Vacuum Microbalance Techniques** [AVS] Philadelphia, Pa. (*N. Hammond, AIP, 335 E. 45th St, New York, N.Y. 10001*) [5/31/75]
- 30-1 **Nuclear Physics Div** [APS] Austin, Texas 7/74

NOVEMBER 1975

- 3-5 **Refuse-to-Energy Conf** [World Environment and Resources Council; IEEE; ASME] Montreux, Switz. 7/74
- 3-6 **World Energy Engineering Exposition and Congress** [Clapp & Poliak Inc] Chicago, Ill. 11/74
- 4-7 **Acoustics** [ASA] San Francisco, Calif. 7/73
- 10, 11 • **9th LAMPF Users Group Meeting** [Los Alamos Scientific Lab] Los Alamos, N.M. (*D. Cochran, LAMPF Users Group Inc, PO Box 1663, Los Alamos, N.M. 87544*)
- 10-13 • **3rd Joint Conference on Sensing Environmental Pollutants** [IEEE; Amer Chemical Soc; AIAA; NASA; Environmental Protection Agency; National Oceanic and Atmospheric Administration; Air Pollution Control Assoc;] Las Vegas, Nev. (*IEEE-TAB, 345 E. 47th St, New York, N.Y. 10017*) [4/30/75]
- 10-13 **Plasma Physics Div** [APS] St. Petersburg, Fla. 7/74
- 13-15 **Southeastern Sectional Meeting** [APS] Montgomery, Ala. 7/74
- 16-21 **Joint Meeting and Atom Fair** [ANS; Atomic Industrial Forum] San Francisco, Calif. 10/73
- 18-21 **Engineering Problems of Fusion Research—6th Symp** [IEEE; ANS] San Diego, Cal. 9/74
- 19-21 **Nuclear Science Symp** [NPS] San Francisco, Cal. 9/74
- 20, 21 **Rowland-Wood: 100 Years of Physical Optics at Hopkins** [Johns Hopkins Univ] Baltimore, Md. 11/74
- 24-26 **Fluid Dynamics Div** [APS] College Park, Md. 7/74

DECEMBER 1975

- 1-4 **Low-Lying Lattice Vibrational Modes and Their Relationship to Superconductivity and Ferroelectricity—Int Conf** [APS] San Juan, Puerto Rico 11/74
- 2-4 • **Electro-Optics '75 and Int Laser Exposition** [*Electro-Optical Systems Design Magazine; Laser Inst of Amer; Soc of Photo-Optical Instrumentation Engineers; Soc of Photographic Scientists and Engineers*] San Francisco, Cal. (*ISCM, 222 W. Adams St, Chicago, Ill. 60606*)
- 2-6 **Joint Meeting** [AAPM-Radiological Society of North America] Chicago, Ill. 7/73
- 3-5 **Electron and Atomic Physics Div** [APS] Tucson, Ariz. 7/74
- 9-12 **Magnetism and Magnetic Materials** [IEEE; AIP] Philadelphia 10/73
- 29-31 **General Meeting** [APS] Pasadena, Calif. 10/73

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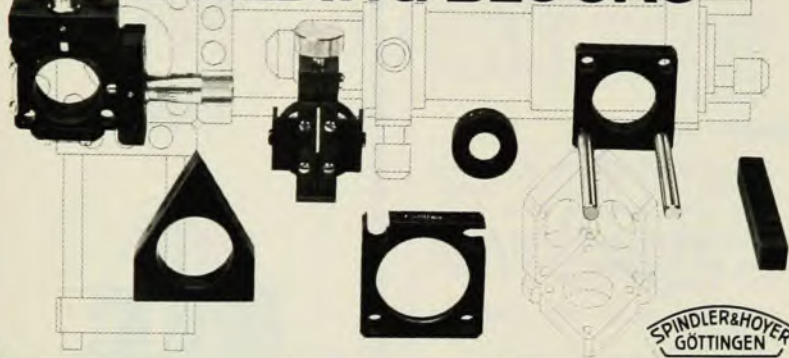
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- 29-4 • **7th Int Conf on Few Particle Problems in Nuclear Physics** [IUPAP; Indian Nat'l Science Acad] Delhi, India (B. Nayar, INSA, Bahadur Shah Zafar Marg, New Delhi-1, India)

JANUARY 1976

- 18-22 • **Instruments for Tomorrow's Crystallography** [ACA] Clemson, S.C. (M. Mueller, Argonne Nat'l Lab, 9700 Cass Ave, Argonne, Ill. 60439)

FEBRUARY 1976

- 2-5 **Joint Meeting** [APS-AAPT] New York, N.Y. 7/73

MARCH 1976

- 29-1 **General Meeting** [APS] Atlanta, Ga. 7/73

APRIL 1976

- 6-9 **Acoustics** [ASA] Washington, D.C. 7/73

- 13-15 **Crystallography Group Spring Conf** [IOP] Aberdeen, UK 11/74

MAY 1976

- 10-12 **Scintillation and Semiconductor Counter Symp** [IEEE] Washington, D.C. 9/74

JUNE 1976

- 7-18 • **Int Symp on Solar-Terrestrial Physics** [Amer Geophysical Union] Boulder, Colo. (D. Williams, ISSTP, Space Environment Lab, Boulder, Colo. 80302)

- 14-18 • **9th Int Quantum Electronics Conf** [AIP; APS; OSA; IEEE] Amsterdam, The Netherlands (O. Svelto, Physics Polytechnic Institute, Milano, Italy)

- 21-24 **The 148th Meeting** [AAS] Haverford, Pa. 7/73

JULY 1976

- 6-9 **Interactions of Neutrons with Nuclei—Int Conf** [Lowell Tech Inst] Lowell, Mass. 9/74

- 25-30 **Medical Physics—4th Int Conf** [Int Organization for Medical Physics] Ottawa, Canada 10/73

- 26-30 • **5th Int Conf on Atomic Physics** [AEC] Berkeley, Cal. (Physics Dept, Univ of Cal., Berkeley, Cal. 94720)

AUGUST 1976

- 8-13 • **Crystallography** [ACA] Evanston, Illinois (E. Snider, AIP, 345 E. 45th St. New York, N.Y. 10017)

- 23-27 **Rheology—7th Int Congress** [Int Committee on Rheology] Gothenburg, Sweden 9/74

- 30-4 □ **Int Union of Theoretical and Applied Mechanics Congress** [IUAM] Delft, The Netherlands (F. I. Niordson, Bldg 404, DK 2300 Lyngby, Denmark)

SEPTEMBER 1976

- 6-10 **Properties of Liquid Metals—3rd Int Conf** [IOP] Bristol, UK 7/74

- 13-15 • **Itinerant Electron Magnetism** [Organizing Committee] Oxford, UK (E. Wohlfarth, Mathematics Dept, Imperial College, London SW7, UK)

- 13-24 □ **Joint Oceanographic Assembly** [Scientific Committee on Oceanic Research; Int Assoc of Physical Sciences of the Ocean; Int Assoc for Biological Oceanography; Commission on Marine Geology] Edinburgh, UK (R. I. Currie, Dunstaffnage Marine Research Lab, PO Box 3, Oban, Argyll, UK) □