

calendar

JULY 1975

- 7-12 **Marcel Grossman Meeting on the Recent Progress of the Fundamentals of General Relativity** [Inst for Advanced Study; Univ of Trieste] Trieste, Italy 5/75
- 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. [3/4/75] 3/75
- 14-25 **Summer Study on the Proton-Proton Storage Accelerator Facility—Isabelle** [Brookhaven Nat'l Lab] Upton, N.Y. 7/75
- 16-19 **Calorimetry Conf** [Organizing Committee] Seattle, Wash. 3/75
- 20-25 **Power Engineering Society Summer Meeting** [IEEE] San Francisco, Cal. [2/1/75] 1/75
- 21-23 **Magnitude and Deployment Schedules of Energy Resources** [ERDA; Pacific Northwest Regional Commission; Ore. State Univ] Portland, Ore. (Ore. State Univ Office of Energy Research and Development, 219 Covell Hall, Corvallis, Ore. 97331)
- 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 3/75

- 27-31 **34th Research Conf on Instrumentation Science** [Instrument Society of America] Geneva, N.Y. (ISA, 400 Stanwix St, Pittsburgh, Pa. 15222)
- 28-31 **Conduction and Breakdown of Dielectric Liquids—5th Int Conf** [Delft Univ of Tech] Noordwijk, The Netherlands [1/1/75] 9/74
- 28-31 **World Congress of the Int Solar Energy Soc** [ISES] Los Angeles, Cal. (D. Halacy, 5804 W. Vista, Glendale, Ariz. 85301)
- 28-2 **Int Seminar on Mathematical Physics** [Boğaziçi Univ] Istanbul, Turkey (Organizing Committee, Dept of Mathematics, Boğaziçi Univ, Bebek, Istanbul, Turkey)
- 30, 31 **Damage in Laser Materials** [NBS; ONR; ASTM] Boulder, Colo. (A. Guenther, AFWL/CA, Kirtland AFB, N.M. 87117) [6/15/75]
- 30-6 **IUPAP Congress of Physics Education** [IUPAP; UNESCO; IOP] Edinburgh, UK 11/74

AUGUST 1975

- 1-31 **Second Month of Seattle July-August Inst in Theoretical Physics** [Univ of Wash.] Seattle, Wash. 5/75
- 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. [4/1/75] 3/75
- 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. [4/14/75] 3/75

Coding: date subject [Sponsor] Location (Contact) [abstract deadline] *Physics Today* reference • new listing □ new or revised information

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
ERDA Energy Research and Development Administration
NRC National Atomic Energy Agency
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

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.

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NEW LISTING OF SHORT COURSES AND SCHOOLS

7-18 JULY 1975

Polymer Conference Series—Flammability of Materials [Univ of Utah] Salt Lake City, Utah (I. Einhorn, Dept of Materials Science and Engineering, Univ of Utah, Salt Lake City, Utah 84112)

15-17 JULY

IEEE Standard Seminar on Nuclear Reliability [IEEE] Cambridge, Mass. (L. Hecht, IEEE Standards Office, 345 E. 47th St, New York, N.Y. 10017)

21 JULY-2 AUGUST

NATO Advanced Study Inst on Linear and Nonlinear Electronic Transport in Solids [Univ of Antwerp] Antwerp, Belgium (J. Devresse, Leerstoel Toegepaste Wiskunde voor de Wetenschappen, RUCA, Groenenborgerlaan 171, B-2020 Antwerpen, Belgium)

28 JULY-1 AUGUST

Applications of Charge-Coupled Devices [Univ of S. Cal.] Los Angeles, Cal. (R. Nelson, Electronics Research Div, Rockwell Int, 3370 Miraloma Ave, Anaheim, Cal. 92803)

28 JULY-1 AUGUST

Introduction to Lasers [Univ of Cincinnati Medical Center] Cincinnati, Ohio (Laser Lab, Medical Center, Univ of Cincinnati, Cincinnati, Ohio 45229)

28 JULY-8 AUGUST

Energy for Energy Decision-Makers [MIT] Cambridge, Mass. (Director of Summer Session, RM E19-356, MIT, Cambridge, Mass. 02139)

28 JULY-1 AUGUST

Modern Optics [MIT] Cambridge, Mass. (Director of Summer Session, Rm E19-356, MIT, Cambridge, Mass. 02139)

28 JULY-9 AUGUST

Health and Medical Physics [Italian Physical Soc] Varenna, Italy (J. Baarli, Head of Health Physics, CERN, 1211 Geneva 23, Switzerland)

4-8 AUGUST

Laser Safety [Univ of Cincinnati Medical Center] Cincinnati, Ohio (Laser Safety Course, Conmed, Medical Sciences Bldg, 231 Bethesda Ave, Cincinnati, Ohio 45261)

4-8 AUGUST

Optical Communications [MIT] Cambridge, Mass. (Director of Summer Session, Rm E19-356, MIT, Cambridge, Mass. 02139)

4-15 AUGUST

Modern Industrial Spectroscopy [Ariz. State Univ] Tempe, Ariz. (J. Fuchs, Dept

of Chemistry, Ariz. State Univ, Tempe, Ariz. 85281)

11-15 AUGUST

Infrared and Raman Spectra Interpretation; Gas-Liquid Chromatography; Meeting Environmental Protection Agency and Occupational Safety and Health Agency Standards through IR and GC Techniques—3 courses [Fisk Inst] Nashville, Tenn. (Director, Fisk Inst, Box 8, Fisk Univ, Nashville, Tenn. 37203)

11-15 AUGUST

Practical Applications in Coherent Optics [Univ of Tenn. Space Inst] Tullahoma, Tenn. (J. Bernard, Univ of Tenn. Space Inst, Tullahoma, Tenn. 37388)

18-22 AUGUST

Molecular Mass Spectrometry [Finnigan Corp] Seattle, Wash. (Finnigan Corp, 845 W. Maude Ave, Sunnyvale, Cal. 94086)

18-22 AUGUST

Surface Science [Univ. of Wisc., Milwaukee] Milwaukee, Wisc. (R. Vanse-low, Chemistry Dept, Univ of Wisc., Milwaukee, Wisc. 53201)

18-26 AUGUST

X-ray Dynamical Theory and Topography [Int Union of Crystallographers] Limoges, France (A. Authier, Université de Paris VI, Laboratoire de Mineralogie-Cristallographie, Tour 16, 4, Place Jussieu, 75230 Paris Cedex 05, France)

25-28 AUGUST

One and Two-Dimensional Systems [Canadian Assoc of Physicists; Chemical Inst of Canada] Sherbrooke, Québec, Canada (L-G Caron, Département de Physique, Université de Sherbrooke, Sherbrooke, Québec, Canada)

31 AUGUST-12 SEPTEMBER

Electronic Structure and Reactivity of Metal Surfaces [NATO] Namur, Belgium (A. Lucas, Facultés Universitaires de Namur, Namur, Belgium)

1-5 SEPTEMBER

Digital Electronics for Automation and Instrumentation [Va. Polytechnic Inst and State Univ] Blacksburg, Va. (Education Division, Amer Chemical Soc, 1155 16th St, NW, Washington, D.C. 20036)

7-20 SEPTEMBER

Experimental Neutron Scattering [IOP] Harwell, UK (Meetings Officer, IOP, 47 Belgrave Sq, London SW1X 8QX, UK)

8-12 SEPTEMBER

Nuclear Power Plant Reliability Assurance [Univ of Cal., Los Angeles] Los

Angeles, Cal. (Dept of Engineering and Mathematics, UCLA Extension, PO Box 24902, Los Angeles, Cal. 90024)

8-26 SEPTEMBER

Fundamentals of Nuclear Medicine [Oak Ridge Assoc Univ] Oak Ridge, Tenn. (R. Cloutier, ORAU, PO Box 117, Oak Ridge, Tenn. 37830)

11-14 SEPTEMBER

Industrial Noise Control [NBS] Washington, D.C. (Inst of Noise Control Engineering, PO Box 3206, Arlington, Branch, Poughkeepsie, N.Y. 12603)

15-19 SEPTEMBER

Laser Technology [George Washington Univ] Washington, D.C. (Director, Continuing Engineering Education, George Washington Univ, Washington, D.C. 20052)

15-25 SEPTEMBER

Theoretical Particle Physics—Current Induced Reactions [NATO] Hamburg, W. Germany (F. Schutz, DESY, 2 Hamburg 52, Notkestieg 1, W. Germany)

15-26 SEPTEMBER

European Optics Summer School [Int Commission for Optics] Reading, UK (J. Macdonald, Physics Dept, The University, Whiteknights, Reading, RG6 2AF, Berkshire, UK)

17-19 SEPTEMBER

IEEE Standard Seminar on Nuclear Reliability [IEEE] Atlanta, Ga. (L. Hecht, IEEE Standards Office, 345 E. 47th St, New York, N.Y. 10017)

21-25 SEPTEMBER

Fiber Optics Communications and Integrated Optics [Israel Physical Soc] Technion City, Haifa, Israel (Israel Laser and Electro-Optics Soc, Technion City, Haifa, Israel)

22-26 SEPTEMBER

Vibration of Damped Structures [Pa. State Univ] State College, Pa. (J. Snowdon, Applied Research Lab, Pa. State Univ, PO Box 30, State College, Pa. 16801)

22 SEPTEMBER-4 OCTOBER

Physics and Technology of High-Power Gas Lasers [Int College on Applied Physics] Naples, Italy (I. Quercia, Laboratori Nazionali di Frascati, Frascati, Italy)

1-10 OCTOBER

High Energy Radiation Dosimetry and Protection [Ettore Majorana Int Center for Scientific Culture] Erice, Sicily, Italy (A. Rindi, Bldg 72, Rm 122, Lawrence Berkeley Lab, Univ of Cal., Berkeley, Cal. 94720)

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 3/75

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

14-20 **Low Temperature Physics—14th Int Conf** [IUPAP; Int Inst of Refrigeration] Otaniemi, Finland [5/1/75] 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. [1/15/75] 3/75

18-22 • **Developments in Optical and Electro-Optical Engineering Present and Future** [Soc for Photo-Optical Instrumentation Engineers] San Diego, Cal. (Technical Programs Committee, SPIE National Offices, 338 Tejon Place, PO Box 1146, Palos Verdes Estates, Cal. 90274) [5/1/75]

18-22 **Phenomena in Ionized Gases—12th Int Conf** [Technische Hogeschool te Eindhoven] Eindhoven, The Nether-

- 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
- 20-22 **18th Canadian High Polymer Forum** [Chemical Inst of Canada; Amer Chemical Soc] Hamilton, Ontario [4/30/75] 5/75
- 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
- 24-30 **6th Triennial World Congress of the Int Fed of Automatic Control** [AIAA; IEEE; Amer Inst of Chemical Engineers; Amer Soc of Mechanical Engineers; Inst of Traffic Engineers; Instrument Soc of Amer; Soc of Industrial and Applied Mathematics; Technical Assoc of the Pulp and Paper Industry] Boston, Mass. 5/75
- 25-6 **Defects and Their Structure in Non-Metallic Solids** [NATO] Exeter, UK 7/75
- 25-27 **Frequency Standards and Clocks** [Nat'l Bureau of Standards] Boulder, Colo. 7/75
- 25-27 **Preparation and Properties of Electronic Materials** [Amer Inst of Mining, Metallurgical and Petroleum Engineers] Princeton, N.J. [4/30/75] 3/75
- 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 • **4th Int Symp on Polarization Phenomena in Nuclear Reactions** [IUPAP] Zurich, Switzerland (W. Gruebler, ETH, Hongerberg, 8049 Zurich, Switzerland)
- 27-29 **APS Div of Particles and Fields** [APS] Seattle, Wash. 1/75
- 27-29 **Partial Differential Equations in Physics** [IOP] Glasgow, UK 7/75
- 27-30 **Phonon Scattering in Solids—2nd Int Conf** [EPS] Nottingham, UK 9/74

SEPTEMBER 1975

- 1-4 **5th European Microwave Conf & Exhibition** [Organizing Committee] Hamburg, West Germany 7/75
- 1-4 • **4th Int Conf on High Voltage Electron Microscopy** [French Soc for Electron Microscopy] Toulouse, France (Societe Française de Microscopie Electronique, 67, rue Maurice-Günsbourg, 94200 Ivry Sur Seine, France) [5/30/75]
- 1-5 • **Computers in Education** [Int Fed-

eration for Information Processing] Marseilles, France (AFCET, Université Paris IX, Dauphine, Avenue de Pologne, 75775 Paris Cedex 16, France)

- 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 • **European Solid State Circuits Conf** [Organizing Committee] Canterbury, UK (IEE, Conf Dept, Savoy P1, London WC2R 0BL, UK) [5/12/75]
- 2-5 **In Situ Composites-II—Int Conf** [General Electric] Lakeville, Conn. [3/1/75] 11/74
- 3-13 **3rd Int Weak Interaction Workshop with Very High Energy Beams** [Ohio State Univ] Columbus, Ohio 5/75
- 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
- 8-12 **5th European Solid State Device Research Conference** [EPS; French Soc of Electrical and Electronics Engineers; French Physical Soc] Grenoble, France [5/12/75] 7/75
- 8-12 • **Nuclear Power and Environmental Assessment** [Univ of Cal., Berkeley] Berkeley, Cal. (Continuing Engineering Education, Univ of Cal. Extension, 2223 Fulton St, Berkeley, Cal. 94720)
- 8-17 **Int Commission on Illumination** [Organizing Committee] London, England 3/75
- 9-11 **Physical Aspects of Noise in Solid State Devices—Int Conf** [Dutch Physical Soc] Noordwijkerhout, The Netherlands 9/74
- 9-12 **3rd Topical Conf on Pulsed High Beta Plasmas** [UK Atomic Energy Authority; IOP; APS] Abingdon, UK [5/31/75] 3/75
- 9-15 **Energy and Physics—Gen Conf** [EPS] Bucharest, Rumania 9/74
- 10-12 **Int Meeting on Hyperfine Interactions** [Univ of Leuven] Leuven, Belgium 3/75
- 11, 12 **1st Nat'l Conf on Software Engineering** [Nat'l Bureau of Standards; IEEE Computer Soc] Washington, D.C. 5/75
- 11, 12 • **On-Line Computers in Laboratory Use** [IOP] London, UK (Meetings Officer, IOP, 47 Belgrave Sq, London SW1X 8QX, UK) [6/21/75]

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- 14-19 **Int Conf on Environmental Sensing and Assessment** [Int Symp on Environmental Monitoring; 3rd Joint Conf on Sensing of Environmental Pollutants] Las Vegas, Nev. [4/30/75] 5/75
- 15-17 **1975 Nat'l Conf on Noise Control Engineering** [Nat'l Bureau of Standards; Inst of Noise Control Engineering] Gaithersburg, Md. 7/75
- 15-19 **Beam-Foil Spectroscopy—4th Int Conf** [Univ of Tenn; ORNL] Gatlinburg, 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
- 20-24 **Engineering in Medicine and Biology** [Organizing Committee] New Orleans, La. (AEMB, Suite 1350, 5454 Wisconsin Ave, Chevy Chase, Md. 20015)
- 21-27 **26th Int Astronautical Congress** [Int Astronautical Federation] Lisbon, Portugal [3/15/75] 3/75
- 22-24 • **Basic Science and Electronics Divisions of Amer Ceramic Soc** [ACS] Indianapolis, Ind. (T. Reynolds III, Ferroxcube Corp, Box 359, Saugerties, N.Y. 12477) [6/13/75]
- 22-24 • **4th Biennial Symp on Turbulence in Liquids** [Univ of Mo.] Rolla, Mo. (G. Patterson, Chemical Engineering Dept, Univ of Mo., Rolla, Mo. 65401)
- 22-24 **Ocean '75 Conf and Exposition** [IEEE; Marine Technology Soc] San Diego, Cal. [2/3/75] 1/75
- 22-24 • **Ultrasonics Symp** [Organizing Committee] Los Angeles, Cal. (R. Stern, Mechanics Structures Dept, School of Engineering and Applied Science, Univ of Cal., Los Angeles, Cal. 96024)
- 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
- 23-25 **1975 IEEE Cybernetics and Society International Conf** [IEEE] San Francisco, Cal. [4/1/75] 5/75
- 23-25 **Joint Materials Handling Conf** [Amer Soc of Mechanical Engineers; IEEE; Material Handling Inst; Int Material Management Soc; Soc of Manufacturing Engineers; Soc of Packaging and Handling Engineers] Cleveland, Ohio 5/75
- 23-26 **Atomic Spectroscopy Symp** [NBS] Gaithersburg, Md. 9/74
- 23-26 **Symp on Highly Excited States in Nuclei** [Inst for Nuclear Physics] Jülich, West Germany 5/75
- 24-26 • **Polymer Physics Group Biennial Meeting** [IOP] Shrivenham, UK (Meetings Officer, IOP, 47 Belgrave Sq, London, SW1X 8QX, UK)
- 25-27 • **Amer Geophysical Union Midwestern Region Meeting** [AGU] Madison, Wisc. (AGU, Suite 1000, 1909 K St, NW, Washington, D.C. 20006) [7/3/75]
- 28-2 • **Electrostatic Aspects of Electro-**

photography [IEEE] Atlanta, Ga. (IEEE, 345 E. 47th St, New York, N.Y. 10017) [3/1/75]

OCTOBER 1975

- 1-3 **Int Conf on Radiation Effects and Tritium Technology for Fusion Reactors** [ORNL] Gatlinburg, Tenn. [5/1/75] 3/75
- 3, 4 • **APS New England Section** [APS] Orono, Me. (P. Camp, Physics Dept, Univ of Me., Orono, Me. 04473)
- 4-9 **Annual Conf of Amer Inst of Ultrasound in Medicine and Amer Soc of Ultrasound Technical Specialists** [AIUM; ASUTS] Winston-Salem, N.C. [5/1/75] 3/75
- 5-10 **Electrochemical Soc Meeting** [ES] Dallas, Tex. [5/1/75] 3/75
- 5-12 **Fundamental Aspects of Radiation Damage in Metals** [AEC; ORNL] Gatlinburg, Tenn. 7/74
- 6-9 • **Real World of Instrumentation in Industry** [Instrument Soc of Amer] Milwaukee, Wisc. (ISA, 400 Stanwix St, Pittsburgh, Pa. 15222)
- 6-10 **Analytical Chemistry and Spectroscopy** [Fed of Analytical Chemistry and Spectroscopy Societies] Indianapolis, Ind. 1/74
- 6-10 **10th Int Symp on Remote Sensing of Environment** [Environmental Research Inst. of Mich.] Ann Arbor, Mich. [5/1/75] 5/75
- 7-9 **Electromagnetic Compatibility Int Symp** [IEEE] San Antonio, Tex. (W. Cory, Southwest Research Inst, PO Box 28510, San Antonio, Tex. 78284)
- 8-10 • **Glass Div of Amer Ceramic Soc** [ACS] Pocono Manor, Pa. (R. Shaw, Amer Optical Corp, Research Div, Southbridge, Mass. 01550) [7/1/75]
- 10, 11 **APS N.Y. Section** [APS] Rochester, N.Y. 7/75
- 10-13 **5th Int Conf on Plutonium and Other Actinides** [Organizing Committee] Baden-Baden, West Germany [3/1/75] 7/75
- 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
- 13-17 **4th Int Transplutonium Element Symp** [Organizing Committee] Baden-Baden, West Germany [3/1/75] 5/75
- 13-17 **IAEA Int Symp on Gas-Cooled Reactors with Emphasis on Advanced Systems** [IAEA] Jülich, West Germany 7/75
- 14-16 **Int Conf on Advanced Signal Processing Technology** [Swiss Fed Inst of Tech; IEEE Swiss Section] Lausanne, Switz. 5/75
- 15-19 **3rd Int Symp on Liquid Scintillation Counting** [Organizing Committee] Bath, England 7/75
- 17, 18 **Ohio Section Fall Meeting—Acoustics** [APS] Muncie, Ind. [10/3/75] 3/75
- 20-22 **Frontiers in Education—Int Conf** [IEEE] Atlanta, Ga. [12/15/74] 11/74
- 20-23 • **US Nat'l Meeting of Int Union of Radio Science** [URSI] Boulder, Colo. (J. Wait, Rm 242, RB 1, ERL/NOAA, US Dept of Commerce, Boulder,

Colo. 80302) [7/7/75]

- 20-24 **Int Symp on the Safeguarding of Nuclear Materials** [IAEA] Vienna, Austria [4/14/75] 3/75
- 21-23 **Lubrication Conf** [Amer Soc of Mechanical Engineers] Miami Beach, Fla. [3/15/75] 7/75
- 21-24 **Annual Meeting** [OSA] Boston, Mass. [7/7/75] 7/73
- 21-24 **28th Annual Gaseous Electronics Conf** [Univ of Mo.] Rolla, Mo. 7/75
- 22-26 **5th Symp on Microdosimetry** [Organizing Committee] Verbania Pallanza, Italy 7/75
- 25 • **AAPT Mich. Section** [AAPT] Southfield, Mich. (W. Kelly, Mich. State Univ, E. Lansing, Mich. 48824)
- 27-30 **5th Iranian Conf on Electrical Engineering** [Iran Electronics Industries; Pahlavi Univ] Shiraz, Iran 7/75
- 27-30 **S of R 46th Annual Meeting** [S of R] St. Louis, Mo. 1/75
- 28-31 **AVS Annual Symp** [AVS] Philadelphia, Pa. [6/6/75] 3/75
- 29-31 • **Nuclear Div of Amer Ceramic Soc** [ACS] Seattle, Wash. (P. Farnsworth, Nuclear Div, Exxon Nuclear Co, 2101 Horn Rapids Rd, Richland, Wash. 99352) [6/1/75]
- 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 **Triangle Conf on High Energy Particle Interactions—Composite Structure of Hadrons** [Organizing Committee] Smolenice, Czechoslovakia 5/75
- 3-6 **World Energy Engineering Exposition and Congress** [Clapp & Poliak Inc] Chicago, Ill. 11/74
- 3-7 **IAEA Symp on Biological Effects of Low Level Radiation Pertinent to Protection of Man and His Environment** [IAEA] Chicago, Ill. [5/1/75] 5/75
- 4-7 **Acoustics** [ASA] San Francisco, Calif. 7/73
- 4-7 **Conf on Piezoelectric and Pyroelectric Materials and Applications** [Inst of Electrical Engineers; Inst of Acoustics; IEEE; IOP: Inst of Electronic and Radio Engineers] London, UK [2/3/75] 5/75
- 5-7 • **Diffraction Conf** [Organizing Committee] Pittsburgh, Pa. (P. Janocko, Materials Consultants and Laboratories, Inc, 1567 Old Abers Creek Rd, Monroeville, Pa. 15146)
- 7, 8 • **AAPT Texas Section** [AAPT] San Antonio, Tex. (R. Gaedke, Physics Dept, Trinity Univ, San Antonio, Tex. 78284)
- 8 • **AAPT N. Cal. Section Fall Meeting** [AAPT] San Francisco, Cal. (P. McCormick, Univ of Cal. at Santa Clara, Santa Clara, Cal. 95053)
- 9-14 • **Recovery of Oil—Role of Microorganisms** [Engineering Foundation] Easton, Md. (EF, 345 E. 47th St, New York, N.Y. 10017)
- 10, 11 **9th LAMPF Users Group Meeting** [Los Alamos Scientific Lab] Los Alamos, N.M. 3/75
- 10-13 **Plasma Physics Div** [APS] St. Petersburg, Fla. 7/74

- 10-14 **Annual Meeting of Division of Plasma Physics** [APS] St. Petersburg, Fla. [8/20/75] 5/75
- 13-15 **Southeastern Sectional Meeting** [APS] Auburn, Ala. 7/74
- 16-21 **Joint Meeting and Atom Fair** [ANS; Atomic Industrial Forum] San Francisco, Calif. 10/73
- 17-19 **Rapidly Quenched Metals—2nd Int Conf** [MIT; Northeastern Univ] Cambridge, Mass. [6/1/75] 5/75
- 17-21 **Int Symp on Transuranium Nuclides in the Environment** [US ERDA; IAEA] San Francisco, Cal. [5/20/75] 5/75
- 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
- 20, 21 **Workshop on the State-of-the-Art and Prospects for Magnetic, Electronic and Mechanical Applications of Amorphous Metals** [Northeastern Univ; ONR] Boston, Mass. 7/75
- 24-26 **Fluid Dynamics Div** [APS] College Park, Md. 7/74
- 30-5 • **12th Japan Conf on Radioisotopes** [Organizing Committee] Tokyo, Japan (K. Mori, Japan Atomic Industrial Forum, 1-13-1-chome, Shimba-shi, Minato-ku, Tokyo 105, Japan)

DECEMBER 1975

- 1-3 • **IEEE Int Electron Devices Meeting** [IEEE] Washington, D.C. (IEEE, 345 E. 45th St, New York, N.Y. 10017) [8/4/75]
- 1-4 **Low-Lying Lattice Vibrational Modes and Their Relationship to Superconductivity and Ferroelectricity—Int Conf** [APS] San Juan, Puerto Rico 11/74
- 1-5 **Int Symp on Mineral Resources: Nuclear Techniques in Exploration, Extraction and Processing** [IAEA] Rio de Janeiro, Brazil 7/75
- 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. 3/75
- 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
- 5, 6 • **Measurements for the Public** [Organizing Committee] San Luis Obispo, Cal. (P. Scheffer, Industrial Engineering Dept, Cal. Polytechnic State Univ, San Luis Obispo, Cal. 93407)
- 7-10 **Astronomy** [AAS] Chicago, Ill. 7/75
- 8, 9 • **Workshop on the Electron Factor in Catalysis on Metals** [NBS] Gaithersburg, Md. (L. Bennett, Metallurgy Div, NBS, Gaithersburg, Md. 20760)
- 9-12 **Magnetism and Magnetic Materials** [IEEE; AIP] Philadelphia, Pa. 10/73
- 9-12 **Workshop on Electrocatalysis on Non-Metallic Surfaces** [NBS] Gaithersburg, Md. (A. Franklin, A355 Materials, NBS, Washington, D.C. 20234)

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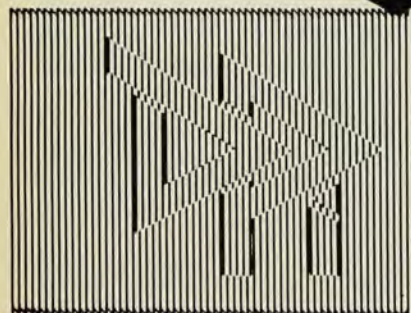
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- 11-13 **Dynamical Astronomy** [AAS] Pasadena, Cal. 7/75
- 29-31 **General Meeting** [APS] Pasadena, Calif. 10/73
- 29-4 **7th Int Conf on Few Particle Problems in Nuclear Physics** [IUPAP; Indian Nat'l Science Acad] Delhi, India 3/75

JANUARY 1976

- 4-9 • **12th Int Symp on Free Radicals** [Univ of Cal., Irvine] Laguna Beach, Cal. (E. Lee, Dept of Chemistry, Univ of Cal., Irvine, Cal. 92664)
- 5-7 • **13th Annual Solid-State Physics Conf** [IOP] Manchester, UK (Meetings Officer, IOP, 47 Belgrave Sq, London SW1X 8QX, UK)
- 12-14 • **Integrated Optics** [OSA; IEEE] Salt Lake City, Utah (OSA, Suite 620, 2000 L St, NW, Washington, D.C. 20036) [10/10/75]
- 15-17 • **Workshop on Methods in Quantum Chemistry** [Univ of Fla.; Univ of Uppsala] Sanibel Island, Fla. (Associate Director, Sanibel Symposia, Quantum Theory Project, Williamson Hall, Univ of Fla., Gainesville, Fla. 32611)
- 18-22 **Instruments for Tomorrow's Crystallography** [ACA] Clemson, S.C. 3/75
- 19-24 • **Symp on Atomic, Molecular and Solid-State Theory, Collision Phenomena, Superfluids and Superconductivity** [Univ of Fla.; Univ of Uppsala] Sanibel Island, Fla. (Associate Director, Sanibel Symposia, Quantum Theory Project, Williamson Hall, Univ of Fla., Gainesville, Fla. 32611)
- 20-22 **Annual Reliability and Maintainability Symp** [Amer Soc of Mechanical Engineers] Las Vegas, Nev. [5/1/75] 7/75
- 27-29 **High Energy Astrophysics** [AAS] Cambridge, Mass. 7/75
- 30-2 **8th Atomic and Molecular Physics Conf** [IOP] Belfast, Northern Ireland 7/75

FEBRUARY 1976

- 2-5 **Joint Meeting** [APS-AAPT] New York, N.Y. 7/73
- 10-13 **Int Conf on Physics in Industry** [IUPAP] Dublin, Ireland 7/75
- 17-19 **9th Annual Simulation Symp** [Soc for Computer Simulation; Assoc for Computing Machinery; IEEE Computer Soc] Tampa, Fla. [4/4/75] 7/75
- 22-25 **Symp on 3-Dimension Flow in Turbomachines** [Amer Soc of Mechanical Engineers] New Orleans, La. [7/1/75] 7/75

MARCH 1976

- 29-1 □ **General Meeting** [APS] Atlanta, Ga. (APS, 335 E. 45th St, New York, N.Y. 10017)
- 30-2 • **8th Atomic and Molecular Physics Conf** [IOP] Belfast, Northern Ireland (Meetings Officer, IOP, 47 Belgrave Sq, London SW1X 8QX, UK)
- 31-2 • **Magnetospheric and Particle Physics** [IOP] Sheffield, UK (Meetings Officer, IOP, 47 Belgrave Sq, London SW1X 8QX, UK)

APRIL 1976

- 6-8 **Applications of Electronics in Medicine** [IEEE] Southampton, UK (Conf Dept, IERE, 8-9 Bedford Sq, London WC1B 3RG, UK)

- 6-9 **Acoustics** [ASA] Washington, D.C. 7/73
- 8-10 • **Epistemological Relationships Between the Sciences and the Humanities** [Miami Univ of Ohio] Oxford, Ohio (B. Harwood, English Dept, Upham Hall, Miami Univ, Oxford, Ohio 45056) [1/1/76]

- 12-14 **Acoustics, Speech and Signal Processing Int Conf** [Organizing Committee] Philadelphia, Pa. (T. Martin, Threshold Tech Inc, Tr 130 Union Landing Rd, Cinnaminson, N.J. 08077) [10/1/75]

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

- 19-24 • **2nd Int Congress of Quantum Chemistry** [Int Acad of Quantum Molecular Sciences] New Orleans, La. (R. Parr, Chemistry Dept, Univ of N.C., Chapel Hill, N.C. 27514)

- 21-23 • **"Open" Int Conf on Neutrino Interactions** [Univ of Wisc., Madison] Madison, Wisc. (J. Kolonko, Univ of Wisc., Madison, Physics Dept, 1150 Univ Ave, Madison, Wisc. 53706)

MAY 1976

- 10-12 **Scintillation and Semiconductor Counter Symp** [IEEE] Washington, D.C. 9/74
- 10-13 • **Electromagnetic Isotope Separators and Related Ion Accelerators** [Organizing Committee] Kibbutz Kiryat Anavim, Israel (S. Amiel, Soreq Nuclear Research Center, Yavne, Israel)
- 19-26 • **3rd Int Conf on Nuclei far from Stability** [Organizing Committee] Cargèse, Corsica, France (D. Caton, CERN, CH-1211 Geneva 23, Switzerland) [1/31/76]
- 23-26 **Nat'l Waste Processing Conf & Exhibit** [Amer Soc of Mechanical Engineers] Boston, Mass. [5/1/75] 5/75
- 24-26 • **Plasma Science Int Conf** [Organizing Committee] Austin, Tex. (E. Powers, Dept of EE, Univ of Tex. at Austin, Austin, Tex. 78712)

JUNE 1976

- 7-18 **Int Symp on Solar-Terrestrial Physics** [Amer Geophysical Union] Boulder, Colo. 3/75
- 14-18 **9th Int Quantum Electronics Conf** [AIP; APS; OSA; IEEE] Amsterdam, The Netherlands 3/75
- 21-24 **The 148th Meeting** [AAS] Haverford, Pa. 7/73
- 28-1 **Astronomy** [AAS] Haverford, Pa. 5/75
- 28-1 • **5th Biennial Int CODATA Conf** [Int Council of Scientific Unions Committee on Data for Science and Technology] Boulder, Colo. (H. van Olphen, NAS, 2101 Constitution Ave, Washington, D.C. 20418) [11/1/75]

JULY 1976

- 6-9 **Interactions of Neutrons with Nuclei—Int Conf** [Lowell Tech Inst] Lowell, Mass. 9/74
- 12-14 • **Computer Simulation Conf** [AIAA] Washington, D.C. (P. Bohm, Johns Hopkins Univ, Applied Physics Lab, 11100 Johns Hopkins Rd, Laurel, Md. 20810) [12/1/75]
- 12-16 **Properties of Liquid Metals—3rd Int Conf** [IOP] Bristol, UK 7/74
- 13-16 **Electromagnetic Compatibility Int**

Symp [IEEE] Washington, D.C. (*W. Green, W. Green Assoc, 1625 Eye St, NW, Suite 924, Washington, D.C. 20006*)

- 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. 3/75

AUGUST 1976

- 8-13 **Crystallography** [ACA] Evanston, Illinois 3/75
- 17-20 • **Applied Superconductivity Conf** [Stanford Univ] Palo Alto, Cal. (*T. H. Geballe, Applied Physics Dept, Stanford Univ, Stanford, Cal. 94305*)
- 23-26 **4th Int Conf on Positron Annihilation** [IUPAP; Danish Atomic Energy Commission] Helsingor, Denmark 5/75
- 23-26 **Int Conf on Application of Holography and Optical Data Processing** [Int Commission for Optics] Haifa, Israel 5/75
- 23-27 **Rheology—7th Int Congress** [Int Committee on Rheology] Gothenburg, Sweden 9/74
- 30-3 • **13th Int Conf on the Physics of Semiconductors** [IUPAP] Rome, Italy (*A. Fropa, Istituto di Fisica G. Marconi, Università di Roma, 00100 Rome, Italy*)
- 30-4 **Int Union of Theoretical and Applied Mechanics Congress** [IUAM] Delft, The Netherlands 3/75

SEPTEMBER 1976

- 6-10 • **Int Conf on Magnetism** [IUPAP] Amsterdam, The Netherlands (*C. Schinkel, Natuurkundig Laboratorium der Universiteit van Amsterdam, Valckenierstraat 65, Amsterdam-C, The Netherlands*)
- 12-17 **European Regional Conf on Electron Microscopy** [Organizing Committee] Jerusalem, Israel 5/75
- 13-15 • **Itinerant Electron Magnetism** [Organizing Committee] Oxford, UK (*E. Wohlfarth, Dept of Mathematics, Imperial College of Science and Tech, Exhibition Rd, London SW7 2RH*)
- 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 Marigeology] Edinburgh, UK 3/75
- 21-23 • **IOP Optical Group** [IOP] York, UK (*Meetings Officer, IOP, 47 Belgrave Sq, London SW1X 8QX, UK*)
- 28-1 • **19th Ampère Congress on Magnetic Resonances** [Organizing Committee] Heidelberg, West Germany (*K. Hausser, Max-Planck-Institut für Medizinische Forschung, Jahnstrasse 29, D-69 Heidelberg 1, West Germany*)
- 29-1 • **Ultrasonics Symp** [IEEE] Annapolis, Md. (*L. Whicker, Code 5250, Naval Research Lab, Washington, D.C. 20375*)

OCTOBER 1976

- 18-23 • **OSA National Meeting** [OSA] Tucson, Ariz. (*J. Quinn, OSA, 2000 L St, NW, Washington, D.C. 20036*)
- 20-22 • **Nuclear Science and Semiconductor Counter Symp** [IEEE] New Orleans, La. (*IEEE, 345 E. 47th St, New York, N.Y. 10017*)
- 28-30 • **Nuclear Physics** [APS] East Lan-

sing, Mich. (*W. Havens, APS, 335 E. 45th St, New York, N.Y. 10017*)

NOVEMBER 1976

- 8-11 • **Conf on Engineering in Medicine and Biology** [Amer Soc of Mechanical Engineers] Boston, Mass. (*ASME, 345 E. 47th St, New York, N.Y. 10017*)
- 10-13 **Engineering in Medicine and Biology** [IEEE] Boston, Mass. (*AEMB, Suite 1350, 5454 Wisconsin Ave, Chevy Chase, Md. 20015*)
- 11-13 • **APS Southeastern Section** [APS] Virginia Beach, Va. (*W. Havens, APS, 335 E. 45th St, New York, N.Y. 10017*)
- 14-18 • **Plasma Physics** [APS] San Francisco, Cal. (*W. Havens, APS, 335 E. 45th St, New York, N.Y. 10017*)
- 22-24 • **Fluid Dynamics** [APS] Eugene, Ore. (*W. Havens, APS, 335 E. 45th St, New York, N.Y. 10017*)

DECEMBER 1976

- 6-8 • **Electron and Atomic Physics** [APS] Seattle, Wash. (*W. Havens, APS, 335 E. 45th St, New York, N.Y. 10017*)
- 6-10 • **Submillimeter Waves and Applications—2nd Int Conf** [OSA; IEEE] San Juan, Puerto Rico (*K. Button, MIT, Cambridge, Mass. 02139*) [8/2/76]

JANUARY 1977

- 17-20 • **Astronomy** [AAS] Honolulu, Hawaii (*H. Gurin, 211 FitzRandolph Rd, Princeton, N.J. 08540*)

MARCH 1977

- 16-18 • **Particle Accelerator Conf** [IEEE] Chicago, Ill. (*IEEE, 345 E. 47th St, New York, N.Y. 10017*)

JUNE 1977

- 5-10 • **Int Magnetism Conf** [Organizing Committee] Los Angeles, Cal. (*G. Bate, IBM Corp, PO Box 1900, Boulder, Colo. 80302*)
- 21-23 • **Int Microwave Symp** [Organizing Committee] San Diego, Cal. (*D. Rubin, 3528 Quimby St, San Diego, Cal. 92106*)

SEPTEMBER 1977

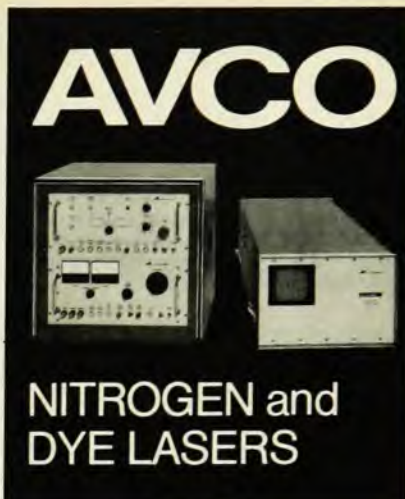
- 19-22 • **5th Int Conf and Exhibition on Liquefied Natural Gas** [Organizing Committee] Dusseldorf, W. Germany (*C. Brecht, Ruhrgas AG, 43 Essen 1, Huttropstrasse 60, W. Germany*)
- 24-30 • **7th Int Vacuum Congress** [Organizing Committee] Vienna, Austria (*Oesterreichische Studiengesellschaft für Atomenergie, Lenaugasse 10, A-1082 Vienna, Austria*)

OCTOBER 1977

- 4-8 • **1st Int Meeting on New Sources of Energy** [Organizing Committee] Bordeaux, France (*J. Gallien, Chargé des Relations Extérieures, TECH-NOEXPO, 8, rue de la Michodière, F-75002 Paris, France*)

NOVEMBER 1977

- 6-10 • **Plasma Physics** [APS] Atlanta, Ga. (*W. Havens, APS, 335 E. 45th St, New York, N.Y. 10017*)
- 7-10 • **Conf on Engineering in Medicine and Biology** [Amer Soc of Mechanical Engineers] Los Angeles, Cal. (*ASME, 345 E. 47th St, New York, N.Y. 10017*) □



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