

calendar

JANUARY 1975

- 7-9 **Optical Fiber Transmission** [OSA; IEEE] Williamsburg, Va. [10/18/74] 9/74
- 7-11 **Electronic and Magnetic Properties of Liquid Metals—Int Conf** [Organizing Committee] Mexico City, Mexico [9/15/74] 11/74
- 12-17 • **Engineering Problem Areas Interfacing with Rheology** [Engineering Foundation] Pacific Grove, Cal. (Engineering Foundation, 345 E. 47th St, New York, N.Y. 10017)
- 13-17 • **Energy Absorbing Mechanisms in Polymers and Composites** [Gordon Research Conf] Santa Barbara, Cal. (A. Cruickshank, Pastore Chemical Lab, Univ of R.I., Kingston, R.I. 02881)
- 20-24 • **Polymers** [Gordon Research Conf] Santa Barbara, Cal. (A. Cruickshank, Pastore Chemical Lab, Univ of R.I., Kingston, R.I. 02881)
- 23-28 • **Current Topics in Phase Transitions in Solids** [Univ of Cal.] Laguna Beach, Cal. (A. Maradudin, Physics Dept, Univ of Cal., Irvine, Cal. 02664)
- 26-31 • **Science and the Quality of Life** [Amer Assoc for the Advancement of Science] New York, N.Y. (AAAS Meetings Office, 1776 Mass. Ave NW, Washington, D.C. 20036)
- 27, 28 **Laser Energy Conversion—2nd NASA Conf** [NASA] Moffett Field, Cal. [11/1/74] 11/74
- 27-29 **Metric Education—2nd Int Conf** [Univ of Southern Miss.] Biloxi, Miss. 11/74
- 27-31 • **Electrochemistry** [Gordon Research Conf] Santa Barbara, Cal.

(A. Cruickshank, Pastore Chemical Lab, Univ of R.I., Kingston, R.I. 02881)

- 29-31 **Western Spectroscopy Assoc—22nd Annual Conf** [WSA] Pacific Grove, Calif. 11/74
- 29-1 **January Meeting** [APS-AAPT] Anaheim, Calif. 3/74
- 30 • **SPS Symp** [SPS] Anaheim, Cal. (C. Whitten, Physics Dept, Univ of Cal., Los Angeles, Cal. 90024)

FEBRUARY 1975

- 3-5 **Optical Properties of Highly Transparent Solids** [Univ of R.I.] Waterville Valley, N.H. [11/25/74] 11/74
- 4-6 • **Physics of Compound Semiconductor Interfaces** [Univ of Cal., Los Angeles] Los Angeles, Cal. (J. Holm-Kennedy, 7731-H Boelter Hall, Univ of Cal., Los Angeles, Cal. 90024) [1/15/75]
- 4-7 **Acoustical Holography and Imaging** [ASA; IEEE] San Diego, Cal. [9/15/74] 5/74
- 5-7 **Biomedical Symp** [San Diego Biomed Symp] San Diego, Cal. [9/4/74] 9/74
- 6, 7 **Molecular Transitions and Relaxations** [Michigan Foundation for Advanced Research] Midland, Mich. 12/73
- 7, 8 • **SPS Regional Meeting** [SPS] Tuscaloosa, Ala. (S. Jones, Physics Dept, PO Box 1921, University, Ala. 35486)
- 10, 11 • **Practical Applications of Neutron Radiography and Gauging** [NBS; ASTM] Gaithersburg, Md. (J. Wheeler, ASTM, 1916 Race St, Philadelphia, Pa. 19103)

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

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- 10-12 **Plasma Physics—10th Conf** [Australian Inst of Nuclear Science and Engineering] Lucas Heights, Australia 11/74
- 10-13 **Structure-Property Relationships in Thick Film and Bulk Coatings** [AVS] San Francisco, Cal. [10/15/74] 11/74
- 12-14 **Int Solid State Circuits Conf** [IEEE] Philadelphia, Pa. 7/74
- 16-21 **Radiology 11th Inter-American Congress** [Inter-American College of Radiology] Bogota, Columbia 12/73
- 20, 21 **Applied Vacuum Science and Technology—4th Annual Symp** [AVS] Tampa, Fla. [12/15/74] 11/74
- 24-28 **Solar Astronomers—1st European Meeting** [Organizing Committee] Florence Italy 11/74
- 24-28 • **Atomic, High-Frequency and Molecular Physics and Quantum Optics Conf** [German Physical Soc] Cologne, West Germany (W. Neuwirth, I. Phys Inst d. Universität, D-5 Köln 41, Universitätsstr 14, West Germany)
- 24-7 • **Electromagnetic Interactions and Field Theory** [Organizing Committee] Schladming, Austria (Organizing Committee, Institut für Theoretische Physik, Universität Graz, Universitätsplatz 5, A-8010 Graz, Austria)

MARCH 1975

- 3-7 **Nuclear Cross Sections and Technology** [APS Nuclear Physics Div. ANS Reactor Div; NBS; AEC] Washington, D.C. 3/74
- 3-8 • **Extraterrestrial Physics** [German Physical Soc] Berlin, West Germany (W. Wehry, Inst f. Meteorologie der Freien Universität Berlin Zentraleinrichtung 2, D-1 Berlin 33, Podbielski-Allee 62, Berlin, West Germany)
- 4-7 • **Short-Lived Phenomena, Plasma and Gas-Discharge Physics** [German Physical Soc] Düsseldorf, West Germany (J. Uhlenbusch, Phys Inst II d. Universität, D-4 Düsseldorf, Universitätsstr 1, West Germany)
- 4-7 **Low Light and Thermal Imaging Systems** [Inst of Electrical Engineers] London 7/74
- 5-7 **Uranium Isotope Separation Processes—Int Conf** [Brit Nuclear Energy Soc] London, UK 11/74
- 5-7 • **Particle Physics** [German Physical Soc] Munich, West Germany (H. Rechenberg, MPI für Physik und Astrophysik, D-8 München 40, Föhringer Ring 6, West Germany)
- 10-13 **Crystal Physics Symp—ACA Spring Meeting** [ACA] Charlottesville, Va. 11/74
- 10-14 **Advances in Biomedical Dosimetry—Symp** [IAEA] Vienna, Austria 9/74
- 12-14 **Particle Accelerator Conf** [IEEE; NBS; APS; AEC; NSF] Washington, D.C. 12/73
- 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. (SPIE Nat'l Offices, PO Box 1146, Palos Verdes Estates, Cal. 90274) [12/6/74]
- 17-19 • **Amer Nat'l Metric Council Conf and Exposition** [ANMC] Washington, D.C. (L. Perica, ANMC, 1625 Mass.

Ave NW, Washington, D.C. 20036)

- 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 (H. Mende, *Inst f. Angew Physik d. Universität, D-44 Münster, Roxeler Str 70/72, West Germany*)
- 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
- 18-21 **OSA Meeting** [OSA] Anaheim, Cal. 11/74
- 20-22 • **Tex. Section AAPT/Tex. Acad of Science** [AAPT; TA of S] Huntsville, Tex. (C. Manka, *Physics Dept, Sam Houston State Univ, Huntsville, Tex. 77340*)
- 21, 22 • **Joint Atlantic Sem on the History of the Physical Sciences** [Joint Atlantic Sem] New Haven, Conn. (M. Klein, *Dept of History of Science and Medicine, Yale Univ, New Haven, Conn. 06520*)
- 21, 22 • **MIT Bates Linear Accelerator Annual Users Group Meeting** [MIT] Cambridge, Mass. (W. Lobar, *MIT Bates Linear Accelerator, PO Box 95, Middleton, Mass. 01949*)
- 21, 22 • **Regional SPS Meeting/Ark. Section AAPT** [SPS, AAPT] Fayetteville, Ark. (D. O. Pederson, *Physics Dept, Univ of Ark., Fayetteville, Ark. 72701*)
- 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 (AGU, 1707 L St NW, Washington, D.C. 20036) [12/15/74]
- 24-26 **Nuclear Interactions at Medium and Low Energies** [IOP; EPS; Atomic Energy Research Establishment] Harwell, UK 11/74
- 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] 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 **Crystallography Group Meeting** [IOP]

Crystallography Group] Lancaster, UK 10/73

- 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
- 7-10 **Multiphoton Processes** [Service de Physique Atomique] Valée de la Loire, France 9/74
- 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 Moléculaire 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, N.Y. (P. Kahn, *Physics Dept, SUNY at Stony Brook, Stony Brook, N.Y. 11790*)
- 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*)
- 14-16 **Computational Physics of Liquids and Solids** [IOP] Oxford, UK 11/74
- 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
- 18, 19 • **Zone 3 SPS/Central Pa. Section AAPT** [SPS; AAPT] Bloomsburg, Pa. (H. Gates, *Physics Dept, Bloomsburg State College, Bloomsburg, Pa. 17815*)
- 19 • **Iowa Section AAPT** [AAPT] Ames, Iowa (W. Azbell, *502 4th St SW, Waverly, Iowa 50677*)
- 20-23 **Circuits and Systems—Int Symp**

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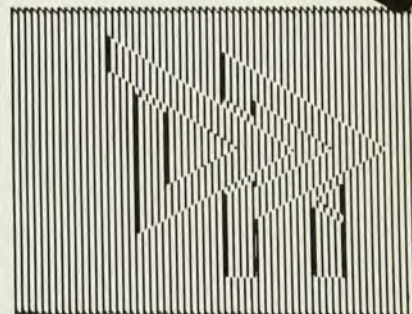


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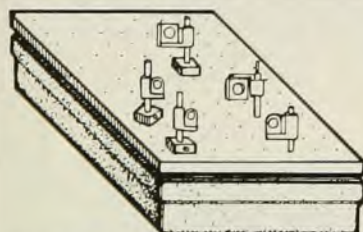
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[Organizing Committee] Newton, Mass. 11/74

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

21-25 □ **Clustering Phenomena in Nuclei—2nd Int Conf** [Organizing Committee] College Park, Md. (N. Osgood, Dept of Physics and Astronomy, Univ of Md., College Park, Md 20742)

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

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

MAY 1975

2 • **Zone 4 SPS Meeting** [SPS] Annapolis, Md. (B. Graham, Physics Dept, US Naval Acad, Annapolis, Md. 21402)

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

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. (J. McCloskey, Dept of Biopharmaceutical Sciences, Univ of Utah, Salt Lake City, Utah 84112)

12-14 **Int Microwave Symp** [IEEE] Palo Alto, Calif. 10/73

13-15 • **Electrical and Electronic Measurement and Test Instrument Conf** [IEEE] Ottawa, Canada (R. Clark, Nat'l Research Council, Div of Physics, Montreal Rd, Bldg M-36, Ottawa, Ontario, K1A 0S1, Canada)

13-16 **Radiation Protection—3rd European Congress** [Assoc Belge de Radioprotection; British Radiological Protection Assoc Ltd] Amsterdam [10/1/74] 7/74

18-21 • **Jupiter—30th Colloquium of the Int Astronomical Union** [IAU] Tucson, Ariz. (T. Gehrels, Lunar and Planetary Lab, Univ of Ariz., Tucson, Ariz. 85721)

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 (L. Stanchi, CCR EURATOM, 21020 Ispra, Italy) [1/25/75]

22, 23 • **Calorimetry and Thermal Analysis** [Association Francaise de Calorimetrie et d'Analyse Thermique; Societe Chimique de France] Grenoble, France (Secrétariat des Journées de Calorimetrie et Analyse Thermi-

que 1975, Service des Basses Températures—DTCE, CEN Grenoble, BP 85 Centre de Tri, 38041 Grenoble Cedex, France)

26-28 • **Defects in MgO and Related Materials** [NSF] Asheville, N.C. (J. Crawford Jr, Univ of N.C., Chapel Hill, N.C. 27514)

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 **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 (AMCO-5 Secrétariat, Institut d'Electronique Fondamentale, Bât 220—Université Paris-Sud, F-91405 Orsay) [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. (F. Oettinger, NBS, Electron Devices Section, Washington, D.C. 20234) [12/20/74]

9-12 • **Canadian Assoc of Physicists Annual Congress** [CAP] Toronto, Canada (M. Jento, Suite 903, 151 Slater, Ottawa, Ontario, K1P 5H3, Canada) [4/1/75]

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 (K. N. Rao, Molecular Spectroscopy Symp, Physics Dept, Ohio State Univ, 174 W. 18th Ave, Columbus, Ohio 43210) [3/1/75]

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

19-21 **General Meeting** [AAPPT] 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 • **4th Int Colloquium on Group Theoretical Methods in Physics** [Instituut Voor Theoretische Fysica] Nijmegen, The Netherlands (A. Janer, Institute for Theoretical Physics, Toernooiveld, Nijmegen, The Netherlands)
- 23-27 **Laser Spectroscopy—2nd Conf** [Laboratoire de Spectrometrie Physique] Megève, France 11/74
- 28-4 • **Cooperation and Interdependence in the Modern World—6th Int Conf on Science and Society** [Organizing Committee] Belgrade, Yugoslavia (Jugoslovensko Udruženje Nauka i Društvo, Organizacija odbor 6 KND, 11001 Beograd, PO Box 163) [11/15/74]

JULY 1975

- 1-3 • **Theory and Applications of Walsh Functions Symp** [IEEE] Hertfordshire, England (IEEE, 345 E. 47th St, New York, 10017) [11/22/74]
- 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
- 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
- 20-25 • **Power Engineering Society Summer Meeting** [IEEE] San Francisco, Cal. (IEEE, 345 E. 47th St, New York, N.Y. 10017) [2/1/75]
- 21-23 • **Summer Computer Simulation Conf** [Organizing Committee] San Francisco, Cal. (S. Schlesinger, Aerospace Corp, Los Angeles, Cal. 90009) [12/1/74]
- 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
- 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 Education** [IUPAP; UNESCO; IOP] Edinburgh, UK 11/74

AUGUST 1975

- 3-7 **Medical Physics** [AAPM] San Antonio, Texas 1/74
- 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
- 6-19 • **6th Hawaii Topical Conf in Particle Physics** [Univ of Hawaii] Honolulu, Hawaii (C. Chong, Physics Dept, Univ of Hawaii, Watanabe Hall, 2505 Correa Road, Honolulu, Hawaii 96822)
- 7-15 **Crystallography** [Int Union of Crys-

tallography] Amsterdam, The Netherlands 10/73

- 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 [5/15/75] 3/74
- 15-29 **Cosmic Ray Conf** [IUPAP] Munich, West Germany 5/74
- 17-20 **Astronomy** [AAS] San Diego, Calif. 7/73
- 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—6th 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
- 25-28 **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

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**MODEL 428
LINEAR
Fan-In/Fan-Out**

- 4 independent channels... each with 4 inputs and 4 outputs.
- Dynode or anode compatibility via front-panel "inverting" switch.
- Large dynamic range with maximum amplitude > 2.0 volts into 50Ω .
- < 2.5 ns risetime and falltime.
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- Improved DC offset temperature stability and noise level.

**MODEL 429
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Fan-In/Fan-Out**

- Performs logical "OR" of input signals.
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- 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. (H. Lubatti, Physics Dept, Univ of Wash., Seattle, Wash. 98195)
- 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 (U. Dihle, DPG-Hauptgeschäftsstelle, D-53 Bonn-Bad Godesberg, Gotenstrasse 1-3, West Germany)
- 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 (R. Naslain, Solid State Chemistry Lab of the CNRS, University of Bordeaux, 33405 Talence, France)
- 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
- 9-11 **Physical Aspects of Noise in Solid State Devices—Int Conf** [Dutch Physical Soc] Noordwijkerhout, The Netherlands 9/74
- 9-12 **Energy and Physics—Gen Conf** [EPS] Bucharest, Rumania 9/74
- 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 (Meetings Officer, IOP, 47 Belgrave Sq, London SW1X UK) [12/1/74]
- 16-19 **Optical Fiber Comm—Int Conf** [IEE, IOP] London, UK 9/74
- 22-24 **• Ocean '75 Conf and Exposition** [IEEE; Marine Technology Soc] San

Diego, Cal. (Ocean '75 Conf Program Chairman, Marine Physical Lab/Scriptis Inst of Oceanography, San Diego, Cal. 92132) [2/3/75]

- 22-25 • **Reactor Dosimetry: Developments and Standardization** [ASTM; EURATOM Working Group on Reactor Dosimetry] Petten, The Netherlands (ASTM, 1916 Race St, Philadelphia, Pa. 19103) [2/28/75]

- 22-26 **Ferroelectricity** [EPS] Zurich, Switzerland 5/74

- 22-26 • **5th Int Conf on Chemical Vapor Deposition** [Electrochemical Soc, Inc] Bucks, England (J. Blocher Jr, Battelle-Columbus, Columbus, Ohio 43201) [1/15/75]

- 23-26 **Atomic Spectroscopy Symp** [NBS] Gaithersburg, Md. 9/74

OCTOBER 1975

- 5-12 **Fundamental Aspects of Radiation Damage in Metals** [AEC; ORNL] Gatlinburg, 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

- 20-22 **Frontiers in Education—Int Conf** [IEEE] Atlanta, Ga. [12/15/74] 11/74

- 21-24 **Annual Meeting** [OSA] Boston, Mass. 7/73

- 27-30 • **S of R 46th Annual Meeting** [S of R] St. Louis, Mo. (R. Mendelson, Monsanto Co, 730 Worcester St, Indian Orchard, Mass. 01051)

- 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

- 10-13 **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 Su-**

perconductivity and Ferroelectricity—Int Conf [APS] San Juan, Puerto Rico 11/74

- 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

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

NEW LISTING OF SHORT COURSES AND SCHOOLS

21-24 JANUARY 1975

Surface and Colloid Chemistry [George Washington Univ] Washington, D.C. (Director, Continuing Engineering Education, George Washington Univ, Washington, D.C. 20006)

17-21 MARCH

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

The following courses are sponsored by the Univ of Tenn. Space Inst and located in Tullahoma, Tenn. For further information contact J. Bernard, Manager, Short Course Program, Univ of Tenn. Space Inst, Tullahoma, Tenn. 37388.

17-21 FEBRUARY

Aerospace Thermal Analysis

23-28 FEBRUARY

Tranonic Testing with Emphasis on High Reynolds Number Flow

3-24 MARCH

Aerospace Ground Test Facilities and Flight Testing

10-14 MARCH

Electronics for Scientists

7-11 APRIL

Fundamentals and Applications of the Finite Element Method

14-18 APRIL

Superconductivity

21-25 APRIL

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