calendar

JULY 1979

- 14-17 Joint Fall Meeting of the Basic Science and Nuclear Div of the Amer Ceramic Soc New Orleans, La. (R. E. Tressler, 226 Steidle Bldg., Dept. of Materials Science, Pennsylvania State Univ., University Park, Pa. 16802; T. B. Lindemer, Bldg 4501, PO Box X, Oak Ridge Nat Lab. Oak Ridge, Tenn. 37830)
- 12th Int Symp on Shock Tubes and 16-19 Waves Jerusalem, Israel 1/79
- Energy Coupling Mechanisms [Gordon Res. Conf. Andover, N.H. 5/79
- 16-20 6th Int Conf on Molecular Energy Transfers Lioujas/Rodez, France (M. Huetz-Aubert, Directeur de Recherche CNRS, Groupe de Recherche Ther-miques, Ecole Centrale, Grande Voie des Vignes, F-92290 Chatenay-Malabry, France)
- Annual Conf on Nuclear & Space 16-20 Radiation Effects Santa Cruz, Cal.
- Antwerp Advanced Study Inst on Theor Aspects and New Developments in Magneto-Optics Antwerp, Belgium 1/79
- Joint Intermag-Magnetism and Magnetic Materials Conf New York, N.Y.
- 18-20 3rd Eur Conf on Internal Friction and

Ultrasonic Attenuation in Solids Manchester, UK 3/79

- 23-25 12th Fluid and Plasma Dynamics Conf Williamsburg, Va. (Meetings Dept., Amer. Inst. of Aeronautics and Astro-nautics, 1290 Ave. of the Amer., New York, N.Y. 10019)
- 23-27 Corrosion [Gordon Res. Conf.] New London, N.H. 5/79
- Point and Line Defects in Semicon-23-27 **ductors** [Gordon Res. Conf.] Meriden, N.H. 5/79
- 21st AAPM Annual Meeting and Ex-29-2 hibition Atlanta, Ga. 1/79
- 30-3 Applications of X-ray Analysis Denver, Colo. 5/79
- 30-3 7th AIRAPT Int High Pressure Conf Le Creusot, France 11/78
- 30-5 Einstein Centennial Symp on Funda-mental Phys [Universidad de los Andes Bogota, Columbia (A. Rueda, Dept. of Physics, Univ. Andes, A.A. Columbia, 4976 Bogota, South America)

AUGUST 1979

- 1-3 Photo-Acoustic Spectroscopy Ames, lowa 3/79
- Aspects of the Kinetics and Dynamics 1-4 of Surface Reactions San Diego, Cal.

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

Please Note: follow-up listings give italicized reference date specifying Physics Today issue in which further information can be found.

Abbreviations:

AAPM	American Association of Physicists in	AGU	American Geophysical Union
	Medicine	ANS	American Nuclear Society
AAPT	American Association of Physics	DOE	Department of Energy
	Teachers	EPS	European Physical Society
AAS	American Astronomical Society	IAEA	International Atomic Energy Agency
ACA	American Crystallographic Association	IEEE	Institute of Electrical and Electronics
APS	American Physical Society		Engineers
ASA	Acoustical Society of America	IOP	The Institute of Physics
AVS	American Vacuum Society	IUPAP	International Union of Pure and Applied
OSA	Optical Society of America		Physics
SPS	Society of Physics Students	NAS	National Academy of Sciences
SofR	Society of Rheology	NBS	National Bureau of Standards
AAAS	American Association for the	NRC	Nuclear Regulatory Commission
1000000	Advancement of Science	NSF	National Science Foundation

A calendar of physics-related meetings appears only in alternate (odd-numbered) months. Send information to: Calendar, PHYSICS TODAY, 335 East 45th Street, New York, N.Y. 10017, to arrive at least three months before the notice should appear.

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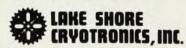
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Versailles, France (1) 9506578 Circle No. 35 on Reader Service Card

- (U. Landman, School of Phys., Ga. Inst. of Tech., Atlanta. Ga. 30332)
- 5-8 9th Biannual Conf on Reactor Operating Experience Ariington, Texas
- 5-8 **18th National Heat Transfer Conf** San Diego, Cal. *11/78*
- 5-10 1979 Intersociety Energy Conversion Engrng Conf Boston, Mass. 11/78
- 6-8 Izmir Int Symp on Solar Energy Fundamentals and Applications Izmir, Turkey 3/79
- 6-10 Chem and Phys of Coatings of Films [Gordon Res. Conf.] Andover, N.H. 5/79
- 6-10 Phys and Mechanics of Ice Lyngby, Denmark 1/79
- 6-10 Interstellar Molecules Mont Tremblant, Quebec, Canada 1/79
- 6-18 16th Int Cosmic Ray Conf Kyoto, Japan 5/79
- 7-9 Waves and Instabilities in Space Plasma Denver, Colo. 1/79
- 7-10 Close Binary Stars: Observation and Interpretation Toronto, Canada 1/79
- 7-10 Radio Phys of the Sun College Park, Md. 1/79
- 8-21 8th Hawaii Topical Conf in Particle Phys Honolulu, Hi. 1/79
- 9–10 Power Generation Conf San Jose, Cal. 5/79
- 12-17 ACA Annual Meeting Boston, Mass. 1/79
- 12-17 8th Int Conf on Atomic Collision in Solids Hamilton, Canada 7/78
- 12-18 4th Int Conf of the Commission on Atmos Chem and Global Pollution [Int. Assoc. of Meteorology and Atmos. Phys. Boulder, Colo. (E. A. Martell, NCAR, P.O. Box 3000, Boulder, Colo. 80303)
- 12-18 8th Int Mass Spectrometry Conf Oslo, Norway 1/79
- 12-24 Joint Cryogenic Engrg and Int Cryogenic Materials Conf Madison, Wisc. 5/79
- 13–17 5th Eur Crystallographic Meeting Copenhagen, Denmark 1/79
- 13-17 Microbeam Analysis Soc and Electron Microscopy Soc of America: Combined Annual Meeting San Antonio, Texas 11/78
- 13-17 8th Int Conf of High Energy Phys and Nuclear Structure Vancouver, Canada 11/78
- 13–17 Chem and Phys of Liquids [Gordon Res. Conf.] Plymouth, N.H. 5/79
- 13-17 Dynamics of Gas-Surface Interactions [Gordon Res. Conf.] Plymouth, N.H.
- 13-17 Few-Body Problems in Chem and Phys [Gordon Res. Conf.] Wolfeboro, N.H. 5/79
- 13–17 Laser Interaction with Matter [Gordon Res. Conf.] Tilton, N.H. 5/79
- 14–23 17th Gen Assembly of Int Astronomical Union Montreal, Canada 1/79
- 15–17 20th Canadian High Polymer Forum Quebec, Canada (J. Roovers, Div. of Chem., Nat. Res. Council of Canada, Ottawa, Ontario, Canada K1A OR9 [4/15/79]
- 17–23 14th Int Conf on Thermodynamics and Statistical Mechanics Edmonton, Canada (D. D. Betts, Dept. of Phys. Univ. of Alberta, Edmonton, Alb. T6G 2J1 Canada)

- 18–22 ☐ Elementary Particle Interactions [Gordon Res. Conf.] Andover, N.H. (A. M. Cruickshank, Gordon Res. Conf., Pastore Chemical Lab., Univ. of Rhode Island, Kingston, R.I. 02881) Note: date changed
- 18-22 Int Conf on Phys of Transition Metals
 [IOP] Leeds, UK (IOP, 47 Belgrave Sq.,
 London SW1X 8QX, UK)
- 19–23 Int Conf on Fast Reactor Safety Technology Seattle, Wash. 3/79
- 19-24 GIREP Seminar on Phys Teaching Rehovot, Israel 3/79
- 19-24 12th Int Conf on Medical and Biological Engrng/5th Int Conf on Medical Phys Jerusalem, Israel 7/78
- 19-25 6th Sagamore Conf on Charge, Spin and Momentum Densities Mont Tremblant, Canada 7/78
- 19–26 10th Int Radiocarbon Conf Berne, Fed. Rep. of Germany 1/79
- 20-22 Symp on Instrumentation and Control for Fossil Energy Processes Denver, Colo. 3/79
- 20–22 4th Int Conf on Ellipsometry Berkeley, Cal. 11/78
- 20-24 3rd Int Conf on Mechanical Behaviour of Materials Cambridge, UK 1/79
- 20-24 Remote Sensing of the Earth's Surface from Space [Gordon Res. Conf.] Plymouth, N.H. 5/79
- 20-24 7th Int Colloq on Gasdynamics of Explosions and Reactive Systems Göttingen, Fed. Rep. of Germany 5/78
- 20-25 Int Congress of Mathematical Phys Lausanne, Switzerland (R. McLane, Sec. of Org. Committee AMP, Jadwin Phys. Lab., Princeton Univ., Princeton, N.J. 08540)
- 20–31 LAMPF Program Options Wrkshp Los Alamos, N.M. 1/79
- 21–24 Int Conf of Liquid Scintillation Counting: Recent Applications and Developments San Francisco, Cal. (C. T. Peng, Dept. of Pharm. Chem., School of Pharm., Univ. of Cal., San Francisco, Cal. 94 143)
- 22-24 Elec, Mag and Optical Properties of Glasses Troy, N.Y. 3/79
- 22-24 2nd US National Conf on Earthquake Engrng Stanford, Cal. 11/78
- 23-29 Int Symp on Lepton and Photon Interactions at High Energies Batavia, III. 3/79
- 26-31 Secondary Ion Mass Spectrometry Palo Alto, Cal. 5/79
- 27–30 **23rd Int Symp and Instrument Display** San Diego, Cal. *5/79*
- 27–30 Turbulence and Mass Loss in Stellar Atmospheres London, Ontario, Canada 1/79
- 27-31 Star Clusters Victoria, B.C., Canada 1/79
- 27-31 8th Int Conf on Amorphous and Liquid Semiconductors Cambridge, Mass.
- 27-31 Solar and Interplanetary Dynamics Cambridge, Mass. 5/79
- 27–31 27th Congress of Int Union of Pure and Applied Chem Helsinki, Finland 3/78
- 27-1 4th Int Symp on Plasma Chem Zurich, Switzerland 9/78
- 27-8 Wrkshp on Phys of Plasmas Close to Thermonuclear Conditions Varenna, Italy 7/78

- 27-21 Int Symp on Non-Conventional Energy Trieste, Italy 1/79
- 28-31 Int Conf on Layered Materials and Intercalates Nijmegen, The Netherlands 5/79
- 28-31 Phonon Scattering in Condensed Matter Providence, R.I. 3/79
- 28-31 Int Symp on Mechanics of Sound Generation in Flow Göttingen, Fed. Rep. of Germany 7/78
- 29-31 Neutron Scattering and Magnetism Jülich, Fed. Rep. Germany 1/79
- 29-4 11th Int Conf on Phys of Electronic and Atomic Collisions Kyoto, Japan 5/78

SEPTEMBER 1979

- 3-5 5th Int Conf on Erosion by Liquid and Solid Impact Cambridge, UK 3/79
- 3-6 Lasers in Photo Medicine and Photo Biology Florence, Italy 5/79
- 3-6 EMAG '79 Brighton, UK 11/78
- 3-7 Int Conf on Magnetism 1979 Munich, Fed. Rep. Germany (ICM '79 Sec., G. M. Kalvius, Tech. Univ. Munich, Arcstrasse 21, D-8000, Munich 2, Fed. Rep. Germany)
- 3-7 4th Eur Meeting on Ferroelectricity Portoroz, Yugoslavia 3/79
- 3-7 14th Eur Congress on Molecular Spectroscopy Frankfurt/Main, Fed. Rep. Germany 11/78
- 3-14 Int Seminar: Mathematical Theory of Dynamical Systems and Microphys Udine, Italy (A. Blaquière, CISM, Piazza Garibaldi, I-33100 Udine, Italy) [3/ 15/79]
- 4-7
 Int Conf on Radioactive Recombination and Related Phenomena in A^{IIIBV}
 Semiconductor Compounds Prague,
 Czechoslovakia (J. Misek, RECON '79,
 Inst. of Radio Engrg. and Elec.,
 Czechoslovak Acad. of Sciences, Lumumbova 1, CS-18251 Prague 8,
 Czechoslovakia)
- Atomic Processes in Fusion Plasmas Nagoya, Japan (Inst. of Plasma Phys., Nagoya Univ., Furo-cho, Chikusa-ku, Nagoya 464, Japan)
- 9-12 Emission Spectroscopy Meeting [Amer. Soc. for Testing and Materials] Lake Buena Vista, Fla. (J. Rothrock, ASTM, 1916 Race St., Philadelphia, Pa. 19103)
- 9-14 Linear Accel Conf Montauk, N.Y. 3/79
- 10-11 Magnetic Recording on Particulate Media Gardone Riviera, Italy 3/79
- 10-12 Int Conf on Polarized Neutrons in Condensed Matter Res Jablonna, Poland (K. Blinowski, Inst. of Nuclear Res., Laboratory 11 of Solid State Phys., Swierk, 05-400 Otwork, Poland [3/31/79]
- 10-12 Biennial Polymer Phys Conf Weybridge, UK 3/79
- 10-13 3rd Int Conf: Dielectric Materials, Measurements and Applications Birmingham, UK 1/79
- 10–13 Int Conf on Magnetic Semiconductors [IUPAP] Montpellier, France (M. Averous, CEES, pl. E. Bataillon, F-34060, Montpellier, France)
- 10-13 12th Annual Quantum Theory Conf Oxford, UK 3/79
- 10-14 Eur Solid State Devices Res Conf Munich, Fed. Rep. Germany 3/79
- 10-14 3rd Int Cong on Cathodic Sputtering

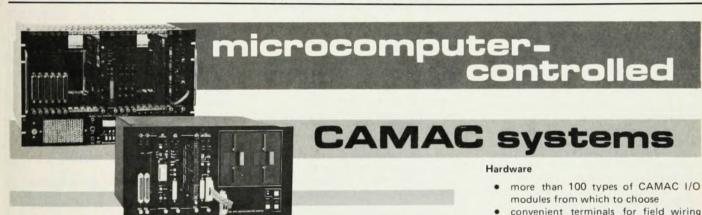
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- [French Vacuum Soc.] Limoges, France (Société Française du Vide, 19 rue de Renard, 75004 Paris, France)
- 10-14 Int Conf on Mössbauer Spectroscopy Portoroz, Yugoslavia 1/79
- 10-14 Theory and Applications of Moment Methods in Many Fermion Systems Ames, lowa 5/79
- 10-14 9th Int Conf on the Properties of Steam Munich, Fed. Rep. Germany 11/78
- 10–14 Laser Probes for Combustion Chem Washington, D.C. 3/79
- 10-14 Optical Methods in Mechanics of Solids Poitiers, France 1/79
- 10–14 Symp on Atomic Spectroscopy Tucson, Ariz. 11/78
- 10–15 Hypernuclear and Low-Energy Kaon Phys Jablonna, Poland (J. Pniewski, Inst. of Exp. Phys., Warsaw Univ., Hoza 69, PL-00-681 Warsaw, Poland)
- 10-15 2nd Eur Crystal Growth Conf Lancaster, UK 1/79
- 10-15 Int Symp on Nuclear Quadrupole Resonance Spectroscopy Toulouse, France 9/78
- 11-13 Excimer Lasers Charleston, S.C. 5/79
- 11–14 17th Int Annual Meeting Soc of Nuclear Medicine Innsbruck, Austria (G. Riccabona, Universitatsklinik für Nuklearmedizin, Anichstr. 35, A-6020 Innsbruck, Austria)
- 11-14 6th Annual Eur Geophys Soc Meeting

- Vienna, Austria (6th Annual EGS Meeting, c/o Institut für Meteorology und Geophysik, Universität Wien, Hohe Warte 38, 1190 Vienna, Austria)
- 11-14 Int Conf on Noise Control Engrng Warszawa, Poland 9/78
- 11-14 Soft Magnetic Materials 4 Munster, Fed. Rep. Germany 3/79
- 12-14 Annual Conf of the Health Phys Assoc Bristol, UK 3/79
- 12-14 Charge-Coupled Devices Edinburgh, UK 3/79
- 13–19 16th Int Conf on Electromagnetic and Lepton Interaction [IUPAP] Batavia, III. (J. Peoples, Fermi Nat. Accelerator Lab., P.O. Box 500, Batavia, III. 60510)
- 13-19 Int Conf on Radiation Effects in Semiconductors [IUPAP] Tbilissi, USSR (E. L. Andronikashuili, Inst. of Phys., Acad. of Science of the Georgian SSR, Tbilissi, USSR)
- 15-22 Quantum Dynamics of Molecules Cambridge, UK (R. G. Woolley, Cavendish Lab., Madingley Rd., Cambridge CB3 OHE, UK)
- 16–20 Decontamination & Decommissioning of Nuclear Facilities Sun Valley, Idaho 3/79
- 17-19 Optical Communication Conf Amsterdam, The Netherlands 3/79
- 17-20 Symp: Lepton and Hadron Interactions Visegrád, Hungary (G. Pocsik, Inst. of Theor. Phys., Eötvös Univ.,

- Puskin u. 5-7, H-1088 Budapest VIII, Hungary)
- 17-21 6th Colloq on High Resolution Molecular Spectroscopy Tours, France 3/79
- 17-21 26th Int Symp on Macromolecules Mainz, Fed. Rep. Germany 1/79
- 17–21 9th Eur Conf on Controlled Fusion and Plasma Phys Oxford, UK 1/79
- 17-21 4th Colloque Spécialisé Ampère: Dynamic Processes in Molecular Systems as studied by RF-Spectroscopy Leipzig, German Dem. Rep. 1/79
- 17-21 3rd Europhys Topical Conf on Lattice Defects in Ionic Crystals Canterbury, UK 1/79
- 17-22 Colloq on the Phys of Dense Matter Paris, France 3/79
- 18-21 5th Eur Solid State Circuits Conf Southampton, UK 5/79
- 18-21 6th Int Conf on Atomic Masses East Lansing, Mich. 1/79
- 19-21 2nd Int Conf on Integrated Optics and Optical Communication Amsterdam, The Netherlands 3/79
- 19-21 4th Nat Quantum Electronics Conf Edinburgh, UK 11/78
- 20–23 5th Spanish Vacuum Meeting Barcelona, Spain 1/79
- 20-26 ☐ 3rd World Telecommunication Exhibition [ITU] Geneva, Switzerland (A. E. Joel Jr, Bell Telephone Lab., Inc.,

SHORT COURSES AND SCHOOLS

Interpretation of Infrared and Raman Spectra

23-27 July [Fisk Univ.] Nashville, Tenn. (N. Fuson, Fisk Inst., Box 8, Fisk Univ., Nashville, Tenn. 37203

Field Theoretical Methods in Elementary Particle Phys

13-24 August [NATO Adv. Study Inst.] Kaiserslautern, Fed. Rep. Germany (G.E. Hite, Fachbereich Physik, Univ. of Kaiserslautern, D-675, Kaiserslautern, Fed. Rep. Germany)

Phys and Chem of Low-Dimensional Solids

26 August-7 September Tomar, Portugal (L. Alcácer, Laboratorio de Fisica e Engenharia Nucleares, Apartado 21, P-2685 Sacavém, Portugal)

Int Summer Inst in Quantum Chem and Solid-State Phys

26 August-30 September Uppsala, Sweden (Dir., Summer Inst., Quantum Chem. Group, Box 518, S-75120 Uppsala, Sweden)

Int School on Recent Adv in Statistical Mechanics

30 August-15 September Brasov, Romania (A. Corciovei, Central Inst. of Phys., PO Box 5206, Bucharest, Romania)

Mechanisms of Nuclear Excitations in Heavy Ion Reactions

2-15 September Mikolajki, Poland (Z. Wilhelmi, Univ. of Warsaw, Hoza str. 69, Warsaw, Poland)

Mass Spectrometry

3-7 September [The Chemical Soc.] Swansea, UK (S. Leclercq, The Chemical Soc., Burlington House, Piccadilly, London W1V OBN, UK)

Neutron Scattering Techniques

9-22 September [IOP; The Chemical Soc.] Harwell, UK (B.T.M. Willis, Bldg. 521-2, AERE Harwell, Didcot, Oxon, OX11 ORA UK)

Int Summer School on Quantum Optics

15-23 September Wiezyca, Poland (J. Heldt, Inst. of Phys., Univ. of Gdansk, ul. Wita Stwosza 57, PL-80-952 Gdansk, Poland)

Int School of Elementary Particle Phys

16-30 September Kupari-Dubrovnik, Yugoslavia (H. Braun, Division des Hautes Energies, CBH, Centre de Recherches Nucléares, F-67037 Strasbourg, France)

Fiber and Integrated Optics

24–28 September [George Washington Univ.] Washington, D.C. (*Dir., Continuing Engrng. Educ., G. Washington Univ., Washington, D.C. 20052*) To be repeated 21–25 January 1980

Radioisotopes

24 September-10 December Linkenheim, Fed. Rep. Germany (Schule für Kerntechnik, KfK, Pf. 3650, 7500 Karlsruhe 1, Fed. Rep. Germany)

Microcomputer Design and Interfacing, Software Design and Digital Electronics

1-6 October Virginia Polytechnic Inst. and State Univ. (L. Leffel, C.E.C., Va. Polytechnic Inst. and State Univ., Blacksburg, Va 24061)

Optical Radiation Measurements

15-19 October Los Angeles, Cal. (Course Dir., CDI Seminar Management, 2998 Woodburn Ave., Cincinnati, Ohio 45206)

Safety of Lasers and Other Optical Radiation Sources

15-19 October Los Angeles, Cal. (Course Dir., CDI Seminar Management, 2998 Woodburn Ave., Cincinnati, Ohio 45206)

Winter School on Crystallographic Computing

4-14 January 1980 [Indian Inst. of Science] Bangalore, India (K. Venkatesan, Dept. of Organic Chem., Indian Inst. of Science, Bangalore 560012, India)

Nuclear Theory for Applications

28 January-22 February 1980 [Int. Centre for Theor. Phys.] Trieste, Italy (Dep. Dir., Int. Centre for Theor. Phys., PO Box 586, I-34100 Trieste, Italy)

Nuclear Phys Wrkshp

28 January-28 March 1980 [Int. Centre for Theor. Phys.] Trieste, Italy (Dep. Dir., Int. Centre for Theor. Phys., PO Box 586, I-34100 Trieste, Italy)

Operational Phys of Power Reactors

3-28 March 1980 [Int. Centre for Theor. Phys.] Trieste, Italy (Dep. Dir., Int. Centre for Theor. Phys., PO Box 586, I-34100 Trieste, Italy)

Theory of Condensed Matter

9 April-20 June 1980 [Int. Centre for Theor. Phys.] Trieste, Italy (Dep. Dir., Int. Centre for Theor. Phys., PO Box 586, I-34100 Trieste, Italy)

- Room 2C-632, Holmdel, N.J. 07732) Note: date changed
- 21-27 3rd Eur Surface Science Conf [EPS] Cannes, France (EPS, PO Box 69, CH-1212 Petit-Lancy 2, France)
- 23-28 9th Eur Conf on the Chem and Phys of Complex Nuclear Reactions Engelberg, Switzerland (B. Baertschi, EIR, CH-5303 Würenlingen, Switzerland)
- 24-27 Non-Traditional Approaches to the Solid-Electrolyte Interface Snow-mass, Colo. 1/79
- 24–28 Symp on Fast Reactor Phys Aix-en-Provence, France 9/78
- 25-26 Autumn Meeting of the British Radiofrequency Spectroscopy Group Nottingham, UK 1/79
- 25-27 Military Electronics Defense Expo '79 Wiesbaden, Fed. Rep. Germany 5/79
- 25-27 Organisation of Macromolecules in Condensed Phases Cambridge, UK 1/79
- 25-29 10th Int Symp on Multiparticle Dynamics Fort Aguada Beach, India (P. K. Malhotra, Tata Inst. of Fundamental Res., Homi Bhabha Rd., Bombay 400005, India)
- 25-29 A3rd Phys Conf [German Phys. Soc.; Austrian Phys. Soc.; Swiss Phys. Soc.] Ulm, Fed. Rep. Germany (W. Dollhopf, Abtl. Experimentelle Physik II der Universitat, Oberer Eselsberg, D-7900 Ulm) Note: date changed
- 26–28 Ultrasonics Symp [IEEE] New Orleans, La. (G. A. Alers, Rockwell International, Albuquerque Development Lab., 2340 Alamo St. SE—Suite 200, Albuquerque, N.M. 87106) Note: date and contact's address changed

OCTOBER 1979

- 1-3 World Conf of the Nuclear Target Devel Soc Boston, Mass. 5/79
- 1–5 Europhys Study Conf on Statistical Properties of Nuclei Hvar, Yugoslavia (R. Caplar, "Rudjer Boskovic" Inst., PO Box 1016, YU-41001 Zagreb, Yugoslavia) [5/1/79]
- 2-5 Vacuum Symp New York, N.Y. 5/79
- 3-5 7th Conf of the Assoc for Aerosol Res
 Duesseldorf, Fed. Rep. Germany (R.
 Jaenicke, Max Planck Institut für
 Chemie, Saarstrasse 23, D-6500
 Mainz, Fed. Rep. Germany) [5/1/79]
- 6-10 Engrng in Medicine and Biology Denver, Colo. 11/78
- 7-11 1979 Joint Power Generation Conf Charlotte, N.C. 5/79
- 8-10 1979 Int Conf on Cybernetics and Society 5/79
- 8–10 6th Biennial Symp on Turbulence [Univ. of Mo.; Office of Naval Res.; Air Force Office of Sci. Res.] Rolla, Mo. (G. K. Patterson, Chem. Engrng. Dept., Univ. of Mo. at Rolla, Rolla, Mo. 65401) [4/15/79]
- 8-10 Session on Phys Systems Science Denver, Colo. 5/79
- 8-11 Int Conf on Impurity Bands in Semiconductors [German Soc. for Progress] Würzburg, Fed. Rep. Germany (M. Von Ortenberg, Physikalisches Institut der Universität Würzburg, Röntgenring 8, D-8700, Würzburg, Fed. Rep. Germany)
- 8-12 Joint Meeting of OSA and SPS Zone 2 Rochester, N.Y. (OSA: J. W. Quinn, OSA, 2000 L St. NW, Washington, D.C. 20036; SPS: R. P. Chaturvedi, Dept.

- of Phys., SUNY College at Cortland, Cortland, N.Y. 13045) Note: sponsor and contact added
- 8-13 6th Int Symp on Excemission and Dosimetry Rostock, German Dem. Rep. 5/79
- 9-11 Progress & Problems in Radio-Element Analysis [ANS] Gatlinburg, Tenn. 5/79
- 9-12 □ 32nd Gaseous Electronics Conf [Westinghouse R&D Center; APS Div. of Electron and Atomic Phys] Pittsburgh, Pa. (P. J. Chantry, Westinghouse R&D Center, 1310 Beulah Rd., Pittsburgh, Pa. 15235) [8/3/79] Note: paper deadline changed
- 14–17 Electronic and Aerospace Systems Convention (EASCON) Washington, D.C. 5/79
- 16–17 □ Quantitative Surface Analysis [IOP, German Phys. Soc.; Netherlands Vacuum Soc.; French Vacuum Soc.; Metals Soc.] Teddington, UK (*C. Lea, Div. of Chem. Standards, Nat. Phys. Lab., Teddington, Middlesex TW11 OLW, UK*) [8/1/79] Note: contact changed
- 16-19 Conf on the Ancient Sun: Fossil Record in the Earth, Moon and Meteorites [Lunar and Planetary Inst.; Nat. Center for Atmospheric Res.] Boulder, Colo. (P. Jones, Conf. Admin, Lunar and Planetary Inst., 3303 NASA Rd. 1, Houston, Tex. 77058 [7/23/79]
- 16-19 □ 21st Nat Congress of the Italian Radiation Protection Assoc Palermo, Italy (G. Agelao, Instituto di Applicazioni e Impianti Nucleari, viale delle Scienze, Palermo, Italy) Note: date changed
- 17–19 Nuclear Science Symp San Francisco, Cal. 11/78
- 18-20 APS Nuclear Phys Div Meeting Knoxville, Tenn. 11/78
- 21–25 Conf on Elec Insulation and Dielectric Phenomena [Nat. Res. Council Committee on Dielectrics] Whitehaven, Pa. 5/79
- 22–23 12th Annual Synch Rad Users Group Meeting Madison, Wisc. 5/79
- 22-24 Toxicology of Respirable Particles Richland, Washington 5/79
- 22–26 Nuclear Cross Sections for Technology Knoxville, Tenn. 5/79
- 23–25 Ocean Optics VI [Soc. of Photo-Optical Instrumentation Engr.; US Naval Postgrad. School] Monterey, Cal. (SPIE Tech. Prog. Committee, PO Box 10, Bellingham, Wash. 98225)
- 24-27 AAS Div of Planetary Sciences Meeting St. Louis, Mo. 5/79
- 25–26 Stanford Synch Rad Lab Users Group Meeting Stanford, Cal. 5/79
- 25–27 APS Div of Particles and Fields Montreal, Canada (B. Margolis, Dept. of Phys., McGill Univ., Montreal, Que. H3A 278, Canada)
- 28–31 10th Yugoslav Symp on Biophys: Membrane Biophys Radenci, Yugoslavia (G. Ceuc, Inst. Jozef Stefan, PO Box 199, YU-61001 Ljubljana, Yugoslavia) [9/5/79]
- 28-1 S of R 50th Anniv Meeting Boston, Mass. 1/79
- 29–30 13th LAMPF Users Group Meeting [Los Alamos Scientific Lab.] Los Alamos, N.M. 5/79
- 29–3 Int Congress of Quantum Chemistry Kyoto, Japan (T. Yonezawa, Sec. Gen.,

- 3rd Int. Cong. of Quantum Chem., c/o Kyoto Int. Conf. Hall, Takara-ike, Sakyo-ku, Kyoto 606, Japan)
- 30-31 11th Annual Symp on Optical Materials for High Power Lasers Boulder, Colo. 5/79
- Separation Science and Tech for Energy Applications Gatlinburg, Tenn. 5/79
- 31-3 Inhomogeneous Superconductors [Naval Res. Lab; Catholic Univ.] Berkeley Springs, W. Va. (D. Glubser, Code 6338, Naval Res. Lab., Washington, D.C. 20375)

NOVEMBER 1979

- 8–10 Albert Einstein as an Intercultural and Interdisciplinary Phenomenon: His Influence in All Fields of Thought Hempstead, N.Y. 5/79
- 11-16 ANS Winter Meeting San Francisco, Cal. 11/78
- 12-15 Int Conf on Crystalline Electric Fields & Structural Effects in f-Electron Systems Philadelphia, Pa.
- 12–16 APS Plasma Phys Div Meeting Boston, Mass. 11/78
- 13–16 Engineering Problems of Fusion Res San Francisco, Cal. 5/79
- 14-15 Symp on Fibers and Electrostatics in Filtration Princeton, N.J. 5/79
- 14–16 Micro & Mini Computer Conf Houston, Texas 5/79
- 15-17 Present Needs and Future Trends in Neutron Crystallography and Spectroscopy Argonne, III. 1/79
- 16-17 18th Eastern Theoretical Phys Conf College Park, Md. 9/78
- 18-23 9th World Conf on Nondestructive Testing Melbourne, Australia 5/79
- 19–21 APS Fluid Dynamics Div Meeting West Lafayette, Ind. 11/78
- 19–23 2nd Asian Congress on Radiation Protection Manila, Philippines 5/79
- 20-23 3rd Int Seminar on Magnetism Dresden, German Dem. Rep. (K. Elk, Hochschule für Verkehrswesen 'Friedrich List,'' Wissenschaftsbereich Physik, Postfach 103, DDR-8072 Dresden, German Dem. Rep.)
- 24–28 2nd Asia and Oceania Congress of Nuclear Medicine Manila, Philippines 5/79
- 25–30 Joint Meeting of AAPM with Radiological Society of North America Atlanta, Ga. 5/79
- 26–28 Phys of Semiconductor Surfaces and Interfaces Paris, France 5/79
- 26-28 Nat Telecommunications Conf Washington, D.C. 5/79
- 26-29 Measurement Technology for Safeguards and Materials Control Conf Kiawah Island, S.C. 1/79
- 26–30 Annual Meeting of Materials Res Soc Cambridge, Mass. (MRS Sec., 102C Materials Res. Lab., University Park, Pa. 16802)
- 26–30 ASA Fall Meeting Salt Lake City, Utah 9/78
- 26-1 Int Magnetospheric Study Symp Bundoora, Australia 1/79

DECEMBER 1979

- 2-15 17th General Assembly of the IUGG Canberra, Australia 1/79
- 3-6 9th Int Symp on Acoustic Imaging

- [IEEE] Houston, Tex. (K. Wang, Dept. of Elec. Engrng., Univ. of Houston, Houston, Tex. 77004)
- 3–7 AGU Fall Meeting San Francisco, Cal. 1/79
- 10-12 2nd Miami Int Conf on Alternative Energy Sources Miami Beach, Fla. 5/79
- 10-12 APS Electron and Atomic Phys Div Meeting Houston, Texas 11/78
- 10-15 4th Int Conf on Submillimeter Waves Miami Beach, Fla. 11/77
- 17-21 Int Conf of Lasers '79 Orlando, Fla. (V. J. Corcoran, Soc. for Optical and Quantum Electronics, PO Box 245, McLean, Va. 22101)
- 17-21 Int Conf on Nonlinear Dynamics New York, N.Y. 5/79

JANUARY 1980

- 2-4 17th Annual Solid State Phys Conf Warwick, UK 5/79
- 7–10 14th IEEE Photovoltaic Specialists Conf San Diego, Cal. 5/79.
- 7-11 Developments in Atomic Plasma Spectrochemical Analyses San Juan, Puerto Rico 5/79
- 13-17 AAS Planetary Div Meeting San Francisco, Cal. 5/79
- 21-24 APS/AAPT Joint General Meeting Chicago, Ill. 1/79
- 21–24 Conf on Structural Chem of Complex Solids Castle Hot Springs, Arizona (M. O'Keeffe, Center for Solid State Sci., Ariz. State Univ., Tempe, Ariz. 85281)
- 22-25 Topical Meeting on Heavy Ion Phys [Int Center for Theor. Phys.] Trieste, Italy (Dep. Dir., Int. Center for Theor. Phys., PO Box 586, I-34100 Trieste, Italy)
- 28-30 Integrated and Guided Wave Optics Topical Meeting [OSA; IEEE] Incline Village, Nev. (OSA, 2000 L St., NW, Suite 620, Washington, D.C. 20036)
- 28-30 AAS Division of High Energy Astrophys Meeting Cambridge, Mass. 5/79
- 29-31 7th Phys of Compound Semiconductor Interfaces Conf [Office of Naval Res.; Army Res. Office] Estes Park, Colo. (C. W. Wilmsen, Dept. of Elec. Engrng., Colorado State Univ., Fort Collins, Colo. 80523)

FEBRUARY 1980

- 11-13 3rd Int Conf on Non-Destructive Evaluation in Nuclear Industry Salt Lake City, Utah 5/79
- 13-15 Int Solid State Circuits Conf San Francisco, Cal. 1/79
- 18-1 Recent Developments in the Theory of Fundamental Interactions Karpacz, Poland (L. Turko, Inst. of Theor. Phys., ul. Cybulskiego 36, 50-205 Wroclaw, Poland)
- 25–29 Int Alfred Wegener Symp Berlin, Fed. Rep. Germany 5/79
- 26–28 ☐ Conf on Lasers and Electro-Optical Systems [OSA; IEEE] San Diego, Cal. (G. Sherman, II–VI Inc., Saxonburg Blvd., Saxonburg, Pa. 16056 [10/1/ 79] Note: contact changed
- 26-28 Inertial Confinement Fusion Topical Meeting [OSA] San Diego, Cal. (OSA, 2000 L St., NW, Suite 620, Washington, D.C. 20036)

27–29 • Phys of the Jovian Magnetosphere [Rice Univ.] Houston, Tex. (T. W. Hill, Dept. of Space Phys. and Astronomy, Rice Univ., Houston, Tex. 77001)

MARCH 1980

- 5-9 Pittsburgh Conf on Analytical Chem and Applied Spectroscopy Pittsburgh, Pa. 1/79
- 10-13 Conf on Acoustics Munich, Fed. Rep. Germany 1/79
- 24–26 7th Energy Technology Conf and Expo Washington, D.C. (L. Unzelman, Energy Tech. Conf., 4733 Bethesda Ave., NW, Washington, D.C. 20014) [9/ 10/79]
- 24–28 Conf on Vacuum Devices [IOP; Inst. of Elec. Engr.] Cambridge, UK (Meetings Officer, IOP, 47 Belgrave Sq., London SW1X 8QX, UK)
- 24–28 APS General Meeting New York, N.Y. 5/79
- 26–28 Phase Transitions in Molecular Solids Exeter, UK (A. J. Leadbetter, Dept. of Chem., Univ. of Exeter, Stocker Rd., Exeter EX4 4QD [5/31/79]
- 30–3 Int Symp on the Properties and Applications of Metal Hydrides Colorado Springs, Colo.

APRIL 1980

- 7-11 Int Conf on Plasma Phys Nagoya, Japan 5/79
- 8–10 Int Reliability Phys Symp Las Vegas, Nev. 5/79
- 11–14 6th Annual Eur Geophys Soc Meeting Vienna, Austria (6th Annual EGS Meeting, c/o Institut für Meteorology and Geophysik, Universität Wien, Hohe Warte 38, 1190 Vienna, Austria)
- 14-16 Int Conf on Acoustics, Speech and Signal Processing Denver, Colo.
 5/79
- 14–17 2nd Conf on Low Energy Ion Beams [IOP] Bath, UK (Meetings Officer, IOP, 47 Belgrave Sq., London SW1X 8QX, UK)
- 14–17 4th Int Conf on Nuclear Methods in Environmental & Energy Res Columbia, Mo. 5/79
- 21–24 APS General Meeting Washington, D.C. 5/79
- 21-25 ASA Meeting Atlanta, Ga. 5/79
- 21-25 Intermag '80 Boston, Mass. 5/79
- 28–30 Symp. on Sputtering Perchtoldsdorf, Austria (W. Husinsky, Symp. on Sputtering, Postfach 69, A-1043 Vienna, Austria)
- 28-30 Int Symp on Grain Boundary Phenomena in Electronic Ceramics [Amer. Ceramic Soc.] Chicago III. (L. M. Levinson, GE Center for R&D, Box 8, Schenectady, N.Y. 12301) [12/1/79]

MAY 1980

- 14-16 Fiber Society Technical Conf New Orleans, La. (The Fiber Society, Inc., PO Box 625, Princeton, N.J.)
- 19–22 Plasma Science Int Conf [IEEE Nuclear and Plasma Sciences Div] Madison, Wisc. (J. L. Shohet, Elec. and Comp. Eng. Dept., Univ. of Wisc., Madison, Wisc. 53706)
- 22-27 AGU Spring Meeting Toronto, Canada (Meetings, AGU, 1909 K Street, NW, Washington, D.C. 20006)
- 27-31 Int Microwave Symp [IEEE] Wash-

ington, D.C. (B. Sheleg, Naval Res. Lab., Code 5258, Washington, D.C. 20375)

JUNE 1980

- 2-6 Canadian/American Radio Science
 Meeting [US Nat. Committee; Union
 Radio Scientifique Internationale]
 Quebec City, Canada (J. A. Cummin,
 Université Laval, Dept. de Genie Electrique, Faculté des Sciences et de
 Genie, Cité Universitaire, Que. G1K
 7P4, Canada)
- 7-11 AAS Dynamical Div Meeting Cambridge, Mass.
- 8–13 ANS Annual Meeting Las Vegas, Nev. (D. G. Pettengill, ANS, 555 N. Kensington Ave., La Grange Park, III. 60525)
- Int Meeting: Neutrino 80 Erice, Italy (E. Fiorini, Istituto di Fisica, Università di Milano, Via Celoria 16, I-20133 Milan, Italy)
- 23–25 11th Int Quantum Electronics Conf [AIP; IEEE] Boston, Mass. (S. Cooper, Courtesy Associates, 1629 K St, NW, Suite 700, Washington, D.C. 20006)
- 23-26 Conf on Precision Electromagnetic
 Measurements [IEEE; NBS] Braunschweig, Fed. Rep. Germany (H.
 Captuller, Physikalisch Techniche,
 Bundesanstalt, Bundesallee-100, D3300 Braunschweig, Fed. Rep. Germany)
- 30–4 Conf on Metallic Glasses: Science and Tech Budapest, Hungary (K. Tompa, PO Box 49, H-1525 Budapest 114, Hungary) [3/31/80]

JULY 1980

- 7-11 Int Conf on Liquids and Amorphous Metals [CNRS] Grenoble, France (P. Desre, Groupe des Transitions de Phases, CNRS, Avenue des Martyrs, 166X, 38042 Grenoble Cedex, France)
- 14–19 9th Int Conf on Gen Rel and Grav [Int. Soc. on Gen. Rel. and Grav.] Jena, German Dem. Rep. (E. Schmutzer, GR 9, Sektion Physik, Friedrich-Schiller-Universität, DDR-69, Jena, Max-Wien-Platz 1, German Dem. Rep.)
- 27-31 AAPM 22nd Annual Meeting Minneapolis, Minn. (Exec. Dir., AAPM, 111 E. Eacker Dr., Chicago, III. 60601)

AUGUST 1980

- 4-7 5th Int Conf on Zirconium in the Nuclear Industry [ANS] Boston, Mass. (T. Popazoglou, Babcock & Wilcox, PO Box 1260, Lynchburg, Va. 24505)
- Int Conf on Raman Spectroscopy Ottawa, Canada (K. Charbonneau, Conf. Services, Nat. Res. Council of Canada, Ottawa, Ontario, Canada K1A OR6)
- Symp on Atmospheric Ozone [International Ozone Committee of IAMAP]
 Boulder, Colo. (J. London, Dept. of Astro-Geophys., University of Colorado, Boulder, Colo. 80309)
- 11–16 Symp on Radiative Processes in the Atmosphere [Int. Radiation Commission of Int. Assoc. of Meterology and Atmospheric Phys. Fort Collins, Colo. (T. H. Vonder Haar, Dept. of Atmospheric Science, Colorado State Univ., Fort Collins, Colo, 80521)
- 25–29 4th Nat Congress Australian Inst of Phys Melbourne, Australia (R. J. Fleming, Dept. of Phys., Monash Univ., Clayton Victoria, Australia 3168) □