

calendar

MARCH 1977

- 16-18 • **Particle Accelerator Conf** [IEEE] Chicago, Ill. 7/75
- 16-18 **10th Annual Simulation Symp** [Soc for Computer Simulation; Assoc of Computing Machinery; IEEE Computer Soc] Tampa, Fla. 11/76
- 16-19 **Symp on Archeometry and Archaeological Prospection** [Univ of Penn.; Univ Museum] Phila, Penn. 7/76
- 18-19 **Regional Meeting** [SPS] Fayetteville, Arkansas 1/77
- 19 • **SPS Meeting** [Zone 1, SPS] Cambridge, Mass. (P. S. Richardson, rm 4-352, Mass. Inst of Tech, Cambridge, Mass. 02139)
- 21-23 **3rd Annual Conf and Expo** [Amer. Natl Metric Council] Chicago, Ill. 11/76
- 21-24 **General Meeting** [APS] San Diego, Calif. [1/7/77] 5/76
- 22-24 • **Annual Ocean Thermal Energy Conversion Conf** [US ERDA; Univ of New Orleans] New Orleans, La. (D. F. Mayer, OTEC Conf, Dept of Math, Univ. N. Or., New Orleans, La. 70122) [ASAP]
- 22-25 • **Low-Energy Excitations in Glasses and Disordered Magnetic Substances** [CRCBT-CNRS] Aussois, France (J. Souletie, CRTBT-CNRS, B. P. 166 Centre de Tri, F-Grenoble, France)
- 23-25 **Nuclear Physics** [IOP] Guildford, UK 9/76
- 26 • **SPS Meeting** [Zone 2, SPS] Albany, N.Y. (G. Reynolds, Phys Dept, SUNY at Albany, Albany, N.Y. 12222)
- 26 • **AAPT Sectional Meeting** [AAPT Florida Section] Gainesville, Fla. (A. Dickson, Seminole Community College, Sanford, Fla. 32771)
- 26 • **AAPT Sectional Meeting** [AAPT, Ill.

- Section] Macomb, Ill. (D. Wylie, Western Ill. Univ, Macomb, Ill. 61455)
- 27-30 **Interdisciplinary Surface Sci Conf** [IOP] York, UK 9/76
- 28-30 **Spring Technical Meeting** [Combustion Inst, Central States Section] Cleveland, Ohio 1/77
- 28-30 • **Spring Conf** [Amer. Soc for Non-destructive Testing] Phoenix, Ariz. (D. J. Walter, ASNT, 914 Chicago Ave, Evanston, Ill. 60202)
- 28-31 **Chemistry and Physics of Macromolecules and Organic Compounds Under High Pressure** [Eur High Pressure Res Group; EPS] Darmstadt, Germany 9/76
- 28-1 • **1st Int Meeting on Advanced Techniques in Low Temp Microscopy and Analysis** [Royal Microscopical Soc] Cambridge, UK (RMS, 37-38 St. Clements, Oxford OX4 1AJ UK)
- 28-1 **Int Conf on Metallurgical Coatings** [AVS] San Francisco, Cal. [11/10/76] 9/76
- 29-31 **Int Specialists Symp on Neutron Standards and Applications** [NBS; IAEA; ERDA; APS; Electric Power Inst] Gaithersburg, Maryland 11/76
- 31-1 • **Semiconductor Lasers and Their Appl** [IOP Quantum Electronics Group] Cardiff, UK (Meetings Officer, IOP, 47 Belgrave Sq, London SW1X 8QX, UK)

APRIL 1977

- 2 **SPS Meeting** [Zone 5, SPS] Boone, N. Carolina 1/77
- 4-7 **9th Nat'l Atomic and Molecular Physics Conf** [IOP] Reading, UK 9/76

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

Abbreviations:

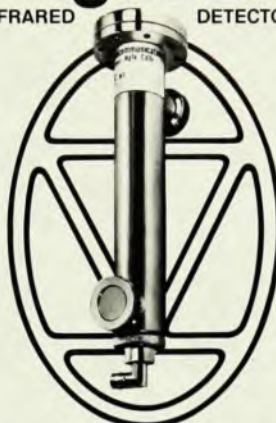
- AAPM** American Association of Physicists in Medicine
- AAPT** American Association of Physics Teachers
- AAS** American Astronomical Society
- ACA** American Crystallographic Association
- APS** American Physical Society
- ASA** Acoustical Society of America
- AVS** American Vacuum Society
- OSA** Optical Society of America
- SPS** Society of Physics Students
- S of R** Society of Rheology
- AAAS** American Association for the Advancement of Science
- AGU** American Geophysical Union
- ANS** American Nuclear Society

- ASME** American Society of Mechanical Engineers
- ASTM** American Society for Testing and Materials
- EPS** European Physical Society
- ERDA** Energy Research and Development Administration
- 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
- NRC** Nuclear Regulatory Commission
- NSF** National Science Foundation
- 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 should send complete information at least *three months* before the notice should appear.

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Im Fachbereich Physik der Philipps-Universität Marburg sind für das Fachgebiet "Angewandte Physik" mehrere Stellen wieder zu besetzen. Der Fachbereich beabsichtigt, mit der Besetzung ein neues anwendungsbezogenes Arbeitsgebiet einzurichten und dementsprechend zunächst die

H 4 Professur für experimentelle Physik
(Nachfolge Hans Wolter)

und eine

H 2 Professur für experimentelle Physik

baldestmöglichst zu besetzen.

Der Fachbereich denkt dabei an

Optik

oder

Physikalische Eigenschaften biologischer Systeme
(Nervensysteme, Sinnesorgane o.ä.)

Er wurde auch die Bewerbung anderer Interessenten, die weitere Alternativen einbringen können, begrüßen. Mit der Bewerbung um die H 4 Professur ist eine kurze Darstellung der wissenschaftlichen Pläne des Bewerbers erwünscht. Eine angemessene Vertretung der Angewandten Physik in der Lehre und eine Beteiligung an der Grundausbildung in Vorlesungen und Praktika, sowie die Mitwirkung an der akademischen Selbstverwaltung wird erwartet.

Für die Ernennung zum Professor sind grundsätzlich pädagogische Eignung und—als Nachweis der Betätigung zu wissenschaftlicher Arbeit, neben der Promotion—weiter hervorstechende wissenschaftliche Leistungen erforderlich (§ 39a Hess. Universitätsgesetz).

Bewerber mit entsprechenden wissenschaftlichen Qualifikationen und Lehrerfahrungen werden gebeten, ihre Unterlagen (Lebenslauf, der insbesondere über den wissenschaftlichen Werdegang und die bisherige Lehrtätigkeit Auskunft gibt, Zeugnisse insbesondere über Staatsexamen, Promotion und Habilitation, Schriftenverzeichnis, Auswahl wichtiger Publikationen, Aufstellung der Wohnanschriften in den letzten 5 Jahren) an den Präsidenten der Philipps-Universität, Biegenstrasse 10, 355 Marburg/Lahn, unter Angabe der Kennziffer 2 zu senden. Bewerbungstermin: 15. April 1977.

calendar

- 12-14 • **Int Reliability Physics Symp** [Reliability Electron Devices] Las Vegas, Nev. (A. L. Tamburrino, RADC, Griffiss Air Force Base, N.Y. 13441)
- 12-14 **Energy and Mineral Recovery Res Symp** [ANS] Golden, Colo. 1/77
- 13-17 **Ground Water Protection** [Engineering Found] Blacksburg, Virginia 1/77
- 14-15 **3rd Int Conf on Ternary Compounds** [Heriot-Watt Univ] Edinburgh, UK 7/76
- 15-16 • **Astrophysics** [APS, N.Y. Section] Hamilton, N.Y. 1/77
- 15-16 • **AAPT Sectional Meeting** [New England Section, AAPT] Springfield, Mass. (K. Schultz, Univ of Mass., Amherst, Mass. 01002)
- 15-16 • **AAPT Sectional Meeting** [N.Y. Section, AAPT] Hamilton, N.Y. (F. K. Elder, Rochester Inst of Tech, Rochester, N.Y. 14623)
- 18-20 **Amer Power Conf** [ASME] Chicago, Ill. 1/77
- 18-20 **5th Conf on Chemical and Molecular Lasers** [Organizing Committee] St. Louis, Mo. [11/10/77] 9/76
- 18-20 • **Int Symp on Turbulent Shear Flows** [Penn. Univ] University Park, Penn. (F. W. Schmidt, Mech Eng Dept, Penn. State Univ, Univ Park, Penn. 16802)
- 18-21 **SPIE Symp East 1977** [Soc of Photo-Optical Instru Engs] Palos Verdes, Cal. [11/30/76] 1/77
- 18-28 **Symp on Electron Density Mapping in Molecules and Crystals** [Israel Crystallography Soc; Eur Crystallographic Committee] Rehovot, Israel 9/76
- 20-22 **11th Symp on Nondestructive Evaluation** [Southwest Res Inst; Amer Soc for Nondestructive Testing] San Antonio, Texas [12/1/76] 11/76
- 20-27 **1st Int Conf of Scientific Editors—Scientific Info Transfer: The Editor's Role in Tomorrow's World** [Organizing Committee] Jerusalem, Israel 7/76
- 21-22 **8th Annual Pittsburgh Modeling and Simulation Conf** [IEEE; ISA; Soc for Computers Simulation; Systems, Man and Cybernetics Soc; Int Assoc for Math and Computers in Simulation; Univ of Pittsburgh] Pittsburgh, Penn. 11/76
- 22-23 **Annual Joint Meeting** [AAPT Penn. Section; SPS] E. Stroudsburg, Penn. 1/77
- 23 **Annual Spring Meeting** [AAPT Iowa Section] Des Moines, Iowa 1/77
- 23 **Annual Spring Meeting** [AAPT N Cal. Section] Rocklin, Cal. 1/77
- 25-28 **Spring Meeting** [APS] Wash., D.C. 1/77
- 25-28 **Int Conf on Wear of Materials** [ASME] St. Louis, Mo. 1/77
- 26-28 **Microwave Power Tube Conf** [IEEE; Advisory Group on Electron Devices] Monterey, Cal. 1/77
- 29-30 **Annual Meeting AAPT** [Colo.-Wyoming Section, AAPT] Denver, Colo. 9/76
- 29-30 • **AAPT Sectional Meeting** [Ill. Section, AAPT] St. Louis, Mo. (M. Zebarth, O'Fallon Township High School, O'Fallon, Ill. 62269)
- 29-30 • **AAPT Sectional Meeting** [Colo. Section, AAPT] Usafa, Colo. (E. A.

Peterson, US Air Force Acad, Usafa, Colo. 80840)

- 30 • **AAPT Sectional Meeting** [Minn. Section, AAPT] St. Cloud, Minn. (F. J. Anderson, Univ of Minn., Minneapolis, Minn. 55455)

MAY 1977

- 1-6 **30th Annual Conf** [Soc of Photographic Sci & Engs] Los Angeles, Cal. 9/76
- 2-5 **Spring Conf and Exhibit** [ISA] Anaheim, Cal. [9/1/76] 11/76
- 2-13 **Nuclear Power and Its Fuel Cycle** [IAEA] Salzburg, Austria 7/76
- 3-6 • **EUROCON 77: Eur Conf on Electrotechnics** [Nat'l Soc of Elec Engs in W. Eur] Venice, Italy (A. V. Buti, AEI, Viale Monza 259, 20126 Milan, Italy)
- 5-15 **Int Conf of Space-Time Absoluteness** [Lab for Fundamental Physical Problems] Varna, Bulgaria 11/76
- 8-13 • **Spring Meeting** [Electrochemical Soc] Phila., Penn. (W. A. Pliskin, IBM, Dept 175, Bldg 300-095, Route 52, Hopewell Junction, N.Y. 12533) [3/15/77]
- 10-12 **7th Symp on Thermophysical Properties** [NBS; ASME] Gaithersburg, Md. [11/1/76] 9/76
- 11-12 **Air Pollution Control Conf** [ASME] Pittsburgh, Penn. 1/77
- 14-19 **Dialogues in Microscopy—Centennial Celebration** [N.Y. Microscopical Soc] N.Y., N.Y. [3/1/77] 11/76
- 16-17 • **Conf on the Present Status of Weak Interaction Physics** [Indiana University] Bloomington, Ind. (D. B. Lichtenberg, Physics Dept., Indiana University, Bloomington, Ind. 47401) [invited papers only]
- 16-18 **Conf on Corrosion of Metal in Bldgs** [NBS] Gaithersburg, Maryland 11/76
- 16-18 **16th Symp on Engineering Aspects of Magnetohydrodynamics** [Steering Committee] Pittsburgh, Penn. [12/10/76] 11/76
- 16-18 **Symp on Remote Sensing** [Canadian Remote Sensing Soc] Ottawa, Canada 7/76
- 17-19 • **23rd Annual Analysis Instru Symp** [ISA] Charleston, W. Va. (B. Wagner, Union Carbide Corp, Box 8361, S. Charleston, W. Va. 25303)
- 18-20 **7th Annual Anomalous Absorption Conf** [Univ of Mich.] Ann Arbor, Mich. 11/76
- 18-21 **Symp on History of Nuclear Physics** [Organizing Committee] Minneapolis, Minnesota 11/76
- 19-21 **Evolution of Galaxies and Stellar Populations** [Yale Univ] New Haven, Conn. 11/76
- 21-27 **6th Int Symp on Magnetic Resonance** [Organizing Committee] Banff, Canada 11/76
- 23-24 **Automatic Imagery Pattern Recognition Symp** [Electronic Indus Assoc] College Park, Maryland 1/77
- 23-25 **Plasma Sci Int Conf** [IEEE; NPSS] Troy, N.Y. [2/1/77] 7/76
- 23-25 **Inst on Sci Problems Related to Coal Utilization** [West Virginia Univ] Morgantown, W. Virginia 11/76
- 23-27 • **Instructional Media for Sci Teaching**

[Chem Dept, Texas A & M Univ] College Station, Tex. (R. B. Clark, Dean of Sci Ofc, Tex. A & M Univ, College Station, Tex. 77843)

- 25-27 **Ion and Photon Beam Tech** [IEEE; AVS] Palo Alto, Cal. [2/18/77] 1/77
- 29-3 **25th Annual Conf on Mass Spectrometry and Allied Topics** [Amer. Soc for Mass Spectrometry] Wash., D.C. 1/77
- 30-3 **• Spring Meeting** [AGU] Wash., D.C. (Meetings, AGU, 1909 K St, NW, Wash., D.C. 20006)
- 31-3 **11th Annual June Inst of Modern Astronomy and Astrophysics** [Univ of Toronto] Toronto, Canada 1/77

JUNE 1977

- 1-3 **Conf on Laser Eng and Appl** [IEEE; OSA] Wash., D.C. [1/7/77] 11/76
- 1-3 **31st Annual Frequency-Control Symp** [US Army Electronics Command] Fort Monmouth, N.J. [1/21/77] 1/77
- 2-4 **Conf on Math Found of Quantum Theory** [Loyola Univ] New Orleans, La. 11/76
- 5-10 **Int Magnetics Conf** [Organizing Committee] Los Angeles, Cal. 7/75
- 6-8 **Int Workshop on Mercuric Iodide and Cadmium Telluride Nuclear Detectors** [Organizing Committee] Jerusalem, Israel [5/2/77] 11/76
- 6-9 **Int Conf on Multiphoton Processes** [IUPAP; US ERDA; ONR] Rochester, N.Y. 1/77
- 6-9 **• Appl of Field-Ion Microscopy to Materials Sci** [Cornell Univ] Ithaca, N.Y. (D. N. Seidman, Cornell Univ, Bard Hall, Dept of Mat Sci & Eng, Ithaca, N.Y. 14853)
- 7-10 **L. D. de Feiter Memorial Symp—Study of Travelling Interplanetary Phenomena** [ICSU Committee on Solar-Terrestrial Physics] Tel-Aviv, Israel [2/15/77] 1/77
- 7-10 **Spring Meeting** [ASA] State College, Penn., 7/76; 3/76
- 8-10 **4th Conf on Coherence and Quantum Optics** [USAF Ofc of Sci Res; Univ of Rochester] Rochester, N.Y. [3/12/77] 11/76
- 12-17 **8th Int Symp on Multiparticle Dynamics** [Organizing Committee] Kayserberg, France 1/77
- 13-16 **Int Discussion Meeting on Radiation Effects on Superconductivity** [Argonne Nat'l Lab] Argonne, Ill. 1/77
- 13-16 **Conf on Synthesis and Props of Low-Dimensional Materials** [N.Y. Acad of Sciences] N.Y., N.Y. 11/76
- 13-17 **4th Int Conf on Hyperfine Interactions** [Organizing Committee; IUPAP; APS] Madison, N. Jersey [3/15/77] 1/77
- 13-19 **• 8th Int Seminar on Theor Phys: Quantum Field and Gauge Theories** [Spanish Inter-Univ High-Energy Theor Phys Group] Salamanca, Spain (J. A. de Azcárraga, Dept de Física Teórica, Facultad de Ciencias, Salamanca, Spain) [4/17/77]
- 14-20 **4th Int Conf on Structural Mech and Reactor Tech** [ANS] San Francisco, Cal., 9/75
- 16-19 **• Reduced-Density Matrices** [Organizing Committee] Moncton, Canada (R. Erdahl, Math Dept, Queens Univ, Kingston, Ontario, Canada)

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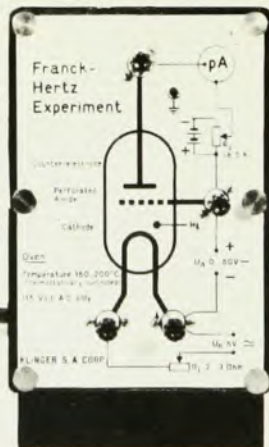
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calendar

- 20-22 **APS Topical Conf: 37th Physical Electronics Conf** [APS] Stanford, Cal. 1/77
- 20-24 **Int Conf on Fourier Transform Infrared Spectroscopy** [OSA; Soc for Appl Spectroscopy; Coblentz Soc] Columbia, S. Carolina [1/15/77] 9/76
- 20-24 **1977 Int IEEE A-PS Symp, USNC/URSI Meeting and USRI Int Electromagnetic Symp** [IEEE Antennas & Propagation Soc; US Nat'l Committee of URSI] Stanford, Cal. [3/1/77] 1/77
- 21-23 **Int Microwave Symp** [Organizing Committee] San Diego, Cal. 7/75
- 21-24 **Matrix Isolation Spectroscopy** [Organizing Committee] Berlin, Fed. Rep. of Germany [12/31/76] 11/76
- 21-25 **World Electrotechnical Cong** [USSR Ministry for Electrical Eng Indust; USSR Acad of Sci; IEEE; Int Electrotech Commission] Moscow, USSR [9/1/76] 9/76
- 22-24 **Summer Meeting** [AAPT] Rio Piedras, Puerto Rico 9/76
- 27-29 • **35th Annual Device Res Conf** [IEEE Group on Electron Devices] Ithaca, N.Y. (E. I. Gordon, Bell Tel Labs, rm 2A-330, Murray Hill, N.J. 07974) [3/1/77]
- 27-30 **2nd Int Conf on Nucleon-Nucleon Interaction** [CAP; TRIUMF] Vancouver, Canada 11/76
- 27-1 **3rd Int Cong on Waves and Instabilities in Plasmas** [Organizing Committee] Paris, France [4/29/77] 7/76
- 27-1 **7th Int Conf on Amorphous and Liquid Semiconductors** [IUPAP] Edinburgh, UK 7/76
- 27-1 **3rd Int Conf on Ion Beam Analysis** [NRL; Georgetown Univ] Wash. D.C. [3/4/77] 7/76; 11/76
- 29-1 **18th Annual Meeting** [Inst of Nuclear Materials Management] Wash., D.C. 1/77

JULY 1977

- 4-6 **Conf on Rare Earths and Actinides** [Solid State Physics subcommittee, IOP] Univ of Durham, UK 1/76
- 4-7 **6th Int Conf on Internal Friction and Ultrasonic Attenuation of Solids** [Organizing Committee] Tokyo, Japan 9/76
- 4-8 • **5th Colloq on UV and X-ray Spectroscopy of Astrophys and Lab Plasmas** [Imperial College of Sci and Tech] London, UK (W. R. S. Garton, Phys Dept, Imperial College, Prince Consort Rd, London SW7 2BZ UK)
- 4-15 **British Science Education** [Manchester Polytech] Manchester, UK 1/77
- 6-8 **Int Conf on Hot Electrons in Semiconductors** [ONR] Denton, Texas [3/1/77] 7/76
- 7-23 • **Strongly Coupled Plasmas** [NATO Adv Study Inst] Orleans-La-Source, France (Phys Dept, Boston College, Chestnut Hill, Mass. 02167)
- 11-16 **Int Summer School on Groups and Many-Body Physics** [Stiftung Volkswagenwerk] Tuebingen, Fed. Rep. of Germany 1/77
- 12-15 **9th Annual Conf** [EPS, Eur Group for

Atomic Spectroscopy] Krakow, Poland 11/76

- 13-15 **Int Symp on Microwave Diagnostics of Semiconductors** [Semiconductor Lab of Tech Res Ctr of Finland] Porvoo, Finland [9/30/76] 7/76
- 13-15 **Processing, Structure, Properties and Performance of Polymers** [IOP Polymer Physics Group] Nottingham, UK [4/29/77] 1/77
- 15-21 **High Energy Physics** [Dubna Joint Inst for Nuclear Res] Tbilisi, USSR 7/76
- 17-20 • **10th Annual Int Metallographic Convention** [Int Metallographic Soc; ASM] Houston, Tex. (J. E. Bennett, Bell Tel Labs, 6200 E Broad St, rm 1E237, Columbus, Ohio 43213) [4/1/77]
- 17-22 **5th Int Conf on Crystal Growth** [MIT] Cambridge, Mass. 7/76
- 17-22 • **Summer Meeting** [IEEE Power Eng Soc] Mexico City, Mex. (IEEE, 345 E 47 St, N.Y., N.Y. 10017) [2/1/77]
- 17-30 • **Path Integrals and Their Appl** [NATO Adv Study Inst] Antwerp, Belgium (J. Devreese, Leerstoel Toegepaste Wiskunde voor de Wetenschappen, Rijksuniversitair Centrum, Groenenborgerlaan 171, B-2020, Antwerpen, Belg.)
- 18-22 **6th Int Colloq on Group Theor Methods in Phys** [Deutsche Forschungsgemeinschaft] Tuebingen, Fed. Rep. of Germany 1/77
- 21-27 **Int Conf on the Physics of Electronic and Atomic Collisions** [Organizing Committee] Paris, France 7/76
- 24-29 • **Innovation in Meas Sci Symp** [ISA] Geneva, N.Y. (P. Vestal, ISA, 400 Stanwix St, Pittsburgh, Penn. 15222)
- 25-29 **Int High Pressure Conf—Appl and Tech** [Int Assoc for Res & Adv of High Pressure Tech] Boulder, Colo. [1/15/77] 11/76
- 26-29 **Molecular Solids/Electron Transport Conf** [EPS; IOP] Leeds, UK 7/76
- 31-4 **19th Annual Meeting** [AAPM] Cincinnati, Ohio (J. G. Kereiakes, E555 Medical Sci Bldg, Univ of Cincinnati, Cincinnati, Ohio)

AUGUST 1977

- 1-3 • **Changing Career Opportunities for Physicists** [APS] State College, Penn. (R. H. Good, Jr, Phys Dept, 104 Davey, Penn. State Univ, University Park, Penn. 16802) [3/30/77]
- 1-4 • **4th Rolla Conf on Surface Props of Materials** [Univ of Missouri at Rolla; US ERDA] Rolla, Mo. (B. Kratzer, Extension Div, Univ of Missouri at Rolla, Rolla, Mo. 65401) [3/31/77]
- 1-13 • **Nonlinear Equations in Phys and Math** [NATO Adv Study Inst] Istanbul, Turkey (A. O. Barut, Phys Dept, Univ of Colo., Boulder, Colo. 80309)
- 7-13 **8th Int Conf on General Relativity and Gravitation** [Int Soc on GR&G] Waterloo, Canada 7/76
- 10-12 **Thermoelectric Props of Metallic Conductors** [Int Organizing Committee] East Lansing, Mich. 11/76
- 10-19 **15th Int Cong of the History of Science** [Int Union of History & Philo of Sci] Edinburgh, UK 11/76
- 10-23 • **7th Hawaii Topical Conf in High-Energy Phys** [Univ of Hawaii at Manoa] Honolulu, Hawaii (C. Chong, Dept of Phys & Astron, Univ of Hawaii

at Manoa, Watanabe Hall, 2505 Correa Rd, Honolulu, Hawaii 96822)

- 13-26 **15th Int Cosmic Ray Conf** [IUPAP] Plovdiv, Bulgaria 11/76
- 15-18 **Int Conf on Polymer Processing** [MIT] Cambridge, Mass. [11/30/76] 11/76
- 15-18 **Magnetic Alloys and Oxides** [EPS; Israel Acad of Sci & Humanities] Haifa, Israel (ICMAO—77, Dept of Phys, Technion—Israel Inst of Tech, Haifa, Israel)
- 15-19 **Physics of Transition Metals** [Int Program Committee; IUPAP] Toronto, Canada 7/76
- 16-18 **Conf on Plasmas, Lasers, Statistical Mech & Biophys** [Univ of Waikato] Hamilton, N. Zealand 1/77
- 19-24 **Int Microprobe Meeting** [Electron Microscopy Soc of Amer.] Boston, Mass. 11/76
- 19-28 **Structure and Radiation Properties of Aerosols and Clouds** [Munich Univ] Garmisch Partenkirchen, Fed. Rep. of Germany 7/76
- 22-26 **35th Annual Meeting** [Electron Microscopy Soc of Amer.] Boston, Mass. 11/76
- 22-26 **6th Int Colloquium on Gasdynamics of Explosions and Reactive Systems** [Organizing Committee] Stockholm, Sweden [2/1/77] 11/76
- 22-26 • **Int Symp on Flow-induced Crystallization** [Midland Macromolecular Inst] Midland, Mich. (J. T. Lee, MMI, 1910 W St. Andrews Dr, Midland, Mich. 48640) [4/30/77]
- 22-2 • **Correlation Functions and Quasi-Particle Interactions in Condensed Matter** [Nato Adv Study Inst] Minneapolis, Minn. (J. W. Halley, Phys Dept, Univ of Minn., Minneap., Minn. 55455)
- 24-26 • **19th Canadian High-Polymer Forum** [NRC of Canada] Ottawa, Canada (J. Prud'Homme, Univ de Montréal, Dept de Chimie, C. P. 6210, Succ. A, Montréal, Quebec H3C 3V1, Canada) [4/15/77]
- 24-30 **13th Conf of Statistical Physics** [IUPAP; Israel Acad of Science & Humanities; Israel Physical Soc] Haifa, Israel 11/76
- 25-31 **1977 Int Symp on Lepton and Photon Interactions at High Energies** [Organizing Committee] Hamburg, Fed. Rep. of Germany 1/77
- 28-2 **12th Intersoc Energy Conversion Eng Conf** [Organizing Committee] Wash., D.C. [2/1/77] 1/77
- 29-1 **3rd Specialized Colloquium Ampere: Optical Studies in Magnetic Resonance** [Organizing Committee] Dublin, Rep. of Ireland [1/5/77] 11/76
- 29-1 **5th Int Conf on Liquefied Natural Gas** [Organizing Committee] Dusseldorf, Fed. Rep of Germany [9/30/76] 11/76
- 29-2 **6th Int Conf on Magnet Tech** [Int Organizing Committee] Bratislava, Czech. 11/76
- 31-2 **1st Astron and Astrophysics Conf** [U of Canterbury] Christchurch, New Zealand 11/76

SEPTEMBER 1977

- 4-8 **Low-Energy Ion Beams** [IOP Atomic Collisions in Solids Group] Salford,

Lancashire, UK 1/77

- 5-9 **5th Int Conf on Vacuum Ultraviolet Radiation Phys** [Organizing Committee] Montpellier, France 7/76
- 5-9 **Int Symp on Phys at Ultralow Temps** [IUPAP] Hakoné, Japan 11/76
- 5-9 • **Int Symp on Monitoring of Radioactive Releases** [IAEA] Portoroz, Yugoslavia (IAEA, Kärntner Ring 11, P. O. Box 590, A-1011 Vienna, Austria)
- 5-9 **24th Int Field Emission Symp** [Univ of Oxford] Oxford, UK 11/76
- 5-10 **Int Conf on Lattice Dynamics** [Organizing Committee] Paris, France 11/76
- 6-8 **7th Int Cong on Instrumentation in Aerospace Simulation Facilities** [IEEE] Shrivenham, UK [5/1/77] 1/77
- 7-9 • **Electrical Transport and Optical Props of Inhomog Media** [Ohio State Univ] Columbus, Ohio (J. C. Garland, Dept of Phys, Ohio State Univ, Columbus, Ohio 43210) [7/1/77]
- 11-16 **Symp on Physics and Chemistry of Ice** [Int Glaciological Soc] Cambridge, UK 7/76
- 12-15 **7th Eur Solid-State Devices Res Conf** [IOP Solid-State Phys subcommittee] Brighton, UK 1/77
- 12-15 • **3rd Int Conf on Phys of Narrow-Gap Semiconductors** [Polish Acad of Sci; Univ of Warsaw; IUPAP] Warsaw, Poland (J. Chroboczek, Inst of Phys PAN, Al Lotników 32/46, 02-668 Warszawa, Poland) [5/30/77]
- 12-16 **7th Int Vacuum Congress and 3rd Int Conf on Solid Surfaces** [Organizing Committee] Vienna, Austria 7/75; 11/76
- 19-21 • **WESCON/77** [Organizing Committee] San Francisco, Cal. (W. C. Weber, Jr, Genl Mgr, WESCON, 999 N Sepulveda Blvd, El Segundo, Cal. 90245)
- 19-22 **50th Anniversary of the Discovery of Electron Diffraction—Int Conf** [IOP] London, UK 7/76
- 19-23 **7th Int Conf on Atomic Collisions in Solids** [Int Committee] Moscow, USSR 1/77
- 25-1 • **28th Int Astronautical Cong/20th Colloquium of Int Inst of Space Law/7th Int Student Conf** [Int Organizing Committee] Prague, Czech. (J. Grey, AIAA, 1290 Ave of the Americas, N.Y., N.Y. 10019 or Int Astronautical Federation, 250 Rue Saint-Jacques, 75005 Paris, France) [3/24/77]
- 26-30 • **Int Symp on Photo- and Electro-Imaging** [Soc of Photographic Sci & Eng; Soc of Photographic Sci & Tech of Japan] Tokyo, Japan (R. H. Wood, Exec Dir, SPSE, 1411 K St. NW, Suite 930, Wash., D.C. 20005) [2/1/77]
- 27-29 • **5th Data Communications Symp** [ACM; IEEE] Snowbird, Utah (F. E. Hart, Bolt Beranek & Newman Inc, 50 Moulton St, Cambridge, Mass. 02138) [5/1/77]

OCTOBER 1977

- 2-4 **Global Growth Alternatives** [Soc for Int Development; Club of Rome; Univ of Houston; Mitchell Energy & Devel Corp] Houston, Texas 9/76
- 2-6 • **Applied Electrostatics, Electro-**

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760	10-90	1000	0.5-100	0.5-5	0.25	0.5	01	S	110	NA	1.5	2
760V	10-90	1000	0.5-100	0.5-5	0.25	0.5	01	S	110	30	1.5	2
765	90-300	500	0.5-5	0.5-5	0.1	0.25	005	S	106	NA	2	2
765V	90-300	500	0.5-5	0.5-5	0.1	0.25	005	S	106	30	2	2
770	300-700	250	0.5-5	0.5-5	0.2	0.3	005	S	100	NA	2	2

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photography and Electrostatic Precipitators [IEEE Indust Appl Group] Los Angeles, Cal. (C. Gallo, Xerox Corp, Bldg 147, Rochester, N.Y. 14644) [3/1/77]

3-7 **4th Int Conf on Small-Angle Scattering of X-Rays and Neutrons** [ORNL; US ERDA; US Nat'l Committee for Crystallography; ACA; Int Union of Crystallography] Gatlinburg, Tenn. 7/76

9-14 **Fall Meeting and Symp** [Electrochemical Soc] Atlanta, Ga. (Electrochemical Soc, Inc, P.O. Box 2071, Princeton, N.J. 08540) [5/1/77]

10-14 **1977 Annual Meeting** [OSA] Toronto, Canada [7/8/77] 1/77

14-16 **3rd Nat'l Quantum Electronics Conf** [IOP; IEEE; Chem Soc] Southampton, UK 11/76

18-21 **7th Symp on Engineering Problems of Fusion Res** [ORNL; IEEE; US ERDA; ANS] Knoxville, Tenn. 9/76; 11/76

23-26 **24th Canadian Spectroscopy Symp** [Spec Soc of Canada] Ottawa, Canada 11/76

25-28 **Radar—77** [IEEE; IEEE; Inst of Math and Its Appl; IOP; Inst for Electronic and Radio Engineers] London, UK [1/10/77] 1/77

25-28 **7th Symp on Eng Problems of Fusion Res** [ORNL Fusion Energy Div; IEEE Nuclear & Plasma Sci Soc; ANS Div of Controlled Nuclear Fusion; US ERDA Div of Magnetic Fusion Energy] Knoxville, Tenn. (M. S. Lubell, ORNL, P. O. Box Y, Oak Ridge, Tenn. 37830)

26-28 **1977 Ultrasonics Symp** [IEEE Group of Sonics & Ultrasonics] Phoenix, Ariz. (F. S. Hickernell, Gov't Electronics Div, Motorola Inc, 8201 E McDowell Rd, Scottsdale, Ariz. 85252)

NOVEMBER 1977

4-5 **16th Eastern Theor Phys Conf** [College of William & Mary] Williamsburg, Va. (H. C. von Baeyer, Dept of Phys, Col of W & M, Williamsburg, Va. 23185)

8-11 **APS Topical Conf: Magnetism and Magnetic Materials** [AIP; IEEE] Minneapolis, Minn. (E. J. Torok, Sperry Univac, P. O. Box 3525, St. Paul, Minn. 55165) [7/22/77]

8-11 **Nat'l Symp and Confs on Vacuum Microbalance Techniques** [AVS; Steering Committee] Boston, Mass. (N. Hammond, AVS, 335 E 45 St, N.Y., N.Y. 10017) [7/8/77]

14-15 **11th LAMPF Users Group Meeting** [LAMPF Users Group, Inc, LASL] Los Alamos, N. Mex. (D. R. F. Cochran, LAMPF Users Group, Inc, P.O. Box 1663, Los Alamos, N. Mex. 87545)

21-23 **General Meeting** [APS] Miami Beach, Fla. (APS, 335 E 45th St, N.Y., N.Y. 10017)

DECEMBER 1977

5-7 **1977 Winter Simulation Conf** [NBS] Gaithersburg, Md. (R. G. Sargent, Dept of Indust Eng & Operations Res, Syracuse Univ, Syracuse, N.Y. 13210) [4/15/77]

5-9 **Int Symp on Nat'l and Internal**

Standards for Radiation Dosimetry [IAEA] Atlanta, Ga. (J. H. Kane, *Spec Asst for Confs, Ofc of Pub Affairs, US ERDA, Wash., D.C. 20545*) [6/1/77, in Vienna]

APRIL 1978

3-7

• **3rd Int Conf on Plasma Surface Interactions in Controlled Fusion Devices** [Organizing Committee] Abingdon, UK, (J. H. C. Maple, *UKAEA Culham Lab, Abingdon, Oxon OX14 3DB, UK*)

24-27

• **Spring Meeting** [APS] Wash., D.C. (335 E 45th St, N.Y., N.Y. 10017)

SEPTEMBER 1978

10-17

• **Cong of Int Commission for Optics** [Int Comm for Optics] Madrid, Spain (J. Bescós, *Soc Espanola de Optica, Serrano, 121 Madrid, Spain*)

JANUARY 1978

22-26

• **Annual Meeting** [APS; AAPT] San Francisco, Cal. (APS, 335 E 45th St, N.Y., N.Y. 10017)

MARCH 1978

27-30

• **General Meeting** [APS] Washington, D.C. (APS, 335 E 45th St, N.Y., N.Y. 10017)

SHORT COURSES

14-18 MARCH 1977

Advanced Energy Conversion [Ariz. State Univ] Tempe, Ariz. (C. E. Backus, *Dept of Engineering, Coll of Engin & Appl Sci, Ariz. State Univ, Tempe, Ariz. 85281*)

25-29 APRIL 1977

3rd Annual Reliability Testing Inst [Univ of Ariz.; Hughes Aircraft Co] Tucson, Ariz. (D. Kececioglu, *Aerospace & Mech Eng Dept, Univ of Ariz., Bldg 16, Tucson, Ariz. 85721*)

4-6 MAY

Nuclear Magnetic Resonance Carbon-13 Workshops [Varian Corp] Evanston, Ill. *NMR Workshops, Varian Instr Div, 611 Hansen Way, Palo Alto, Cal. 94303* To be repeated 15-17 June in Rochester, N.Y.

16-20 MAY 1977

Photoelectric and Electrical Props of Polymers, [SUNY at New Paltz] Mohonk, N.Y. (A. V. Patsis, *Dept of Chem, State Univ of N.Y. at New Paltz, New Paltz, N.Y. 12561*)

23-27 MAY 1977

Understanding Polymer Sci [SUNY at New Paltz] Mohonk, N.Y. (A. V. Patsis, *Dept of Chem, State Univ of N.Y. at New Paltz, New Paltz, N.Y. 12561*)

9-11 JUNE 1977

Microcomputer Interfacing Workshop [Virginia Polytech Inst & State Univ] Blacksburg, Va. (D. G. Larsen, *Chem Dept, VPI&SU, Blacksburg, Va. 24061*)

15-30 JUNE 1977

Luminescence of Inorganic Solids [Ettore Majorana Ctr for Sci Culture] Erice, Italy (B. Di Bartolo, *Dept of Phys, Boston College, Chestnut Hill, Mass. 02167*)

20-24 JUNE 1977

Tech and Eng of Fusion Reactors [Mass. Inst of Tech] Cambridge, Mass. (Summer Session, rm E19-356, MIT, Cambridge, Mass. 02139)

20-24 JUNE 1977

Nuclear Chemistry [Gordon Res Confs] New London, N. Hampshire (F. S. Stephens, *Nuclear Sci Div, Lawrence Berkeley Lab, Berkeley, Cal. 94720*)

20 JUNE-1 JULY 1977

Design and Analysis of Sci Experiments [Mass. Inst of Tech] Cambridge, Mass. (Summer Session, rm E19-356, MIT, Cambridge, Mass. 02139)

27-30 JUNE 1977

Chemical and Physical Defects in Polymers [SUNY at New Paltz] Mohonk, N.Y. (A. V. Patsis, *Dept of Chem, State Univ of N.Y. at New Paltz, New Paltz, N.Y. 12561*)

11-15 JULY 1977

Fiber Optic Communication Systems [Univ of Cal.] Santa Barbara, Cal. (Director, *Basic & Appl Sci, Univ of Cal. Extension, Santa Barbara, Cal. 93106*)

24-29 JULY 1977

Phys of Clinical Nuclear Medicine [AAPM] Lexington, Kentucky (G. H. Simmons, *Nuclear Medicine Dept, Veterans Administration Hospital, Lexington, Kentucky 40507*)

1-5 AUGUST 1977

Coherent Optics [Univ of Mich.] Ann Arbor, Mich. (Continuing Eng Educ, Univ of Mich., 300 Chrysler Ctr, North Campus, Ann Arbor, Mich. 48109)

1-5 AUGUST 1977

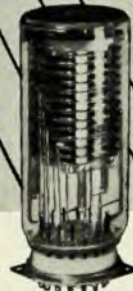
Detection of Infrared Radiation [Univ of Cal.] Santa Barbara, Cal. (Director, *Basic & Appl Sci, Univ of Cal. Extension, Santa Barbara, Cal. 93106*)

25 AUGUST-5 SEPTEMBER

Bankf Summer Inst on Particles & Fields [Organizing Committee] Bankf, Canada (Phys Dept, Univ of Alberta, Edmonton, Alberta, T6C 2J1, Canada) □

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