



Hewlett-Packard Europhysics Prize

The Hewlett-Packard Europhysics Prize for outstanding achievement in Solid State Physics has been awarded for 1977 to Professor Walter Eric Spear of the Carnegie Laboratory of Physics, University of Dundee, Scotland, for his recent work on amorphous silicon.

Spear and his colleagues prepared by the glow discharge decomposition of silane and germane respectively, thin films of amorphous silicon and germanium containing remarkably few charge carrier traps. Systematic measurements were performed of the electrical properties of the amorphous state including AC and DC conductivity, drift mobility, field effect, and thermo-electric power. The work led to the evolution of a consistent picture of the electronic states, and the transport and optical properties of these semiconductors.

Professor Spear also developed techniques for the controlled doping of

amorphous silicon by the addition of diborane and phosphine to give respectively, p- and n-type layers. In so doing he opened the way to a new range of semiconductor devices. A first application has been the development of a solar cell in which the optical absorption of the amorphous silicon is stronger than in crystalline silicon and shows an improved match to the solar spectrum, permitting reductions in cost. The deposition technique is also well suited to the inexpensive fabrication of large area panels.

The prize donated to the European Physical Society by Hewlett-Packard is worth 20 000 Sw. Frs. It will be presented to Professor Spear by Sir Sam Edwards and Dr. W. J. Merz at the "3rd EPS Condensed Matter Division Conference: Electron Transport — Molecular Solids" to be held in Leeds, U.K., from July 26-29.

Grants to Physicists

Trends in Physics, York, Sept. 1978

The Executive Committee will be able to grant from the EPS Conference Fund a limited number of scholarships for attending the York Conference to young physicists not in a position to obtain full financial support from other sources. Grants will be allocated either for travel expenses or accommodation in York.

Detailed information on conditions and an application questionnaire may be obtained on request from the EPS Secretariat in Geneva after 31 July 1977:

European Physical Society,
P.O. Box 39,
CH-1213 Petit-Lancy 2

Erice Schools

Applications for assisted places at the various schools of the Ettore Majorana can still be made to the EPS Secretariat. Travel assistance cannot, however, be considered.

Guide to Entries

Europhysics News publishes annually three Meetings Issues: in March, June and November. The June issue contains also a directory section on the composition of the European Physical Society. In the March issue the information received to date is given in full; in the two subsequent issues some entries may be abbreviated and marked by an asterisk (*) indicating that full information can be found in the preceding Meetings Issue of *Europhysics News*.

The present issue contains details of future events about which notification was received at the EPS Secretariat in Geneva by May 1977. They are listed in date order in two categories — Conferences and Schools. Europhysics Conferences, i.e. meetings organized by EPS, its Divisions and Sections are printed in bold type

and boxed; events sponsored by EPS are printed in bold type; Europhysics Study Conferences are marked by an $\mathcal{E}$ preceding the date.

Conference and school organizers who wish to have their meetings included in the November Meetings Issue of *Europhysics News* should apply to:

European Physical Society,
P.O. Box 39,
CH-1213 Petit-Lancy 2

Closing date: 17 October 1977.

Where information has been received that proceedings will be published, or not published, this is indicated by *PP* or *NP* respectively, followed by the deadline for receipt of papers when this is known. Where no information regarding the proceedings has been received, the deadline is indicated by *P*.

In general, meetings are open to all applicants; where attendance is known to be restricted to invited applicants, this is indicated by "inv.". The information is given in the following order:

Date	Venue
Title	

Contact for information

A: Application deadline / Ab: Abstracts deadline / *PP*, *NP* or *P*: Papers deadline / Number of participants / inv.: by invitation only / languages other than English / Sponsorship / Conference fee.

◀ after the date indicates that there has been an important amendment to a previously published entry.

(*) preceding the Conference title denotes that the entry is abbreviated and that full details can be found in the Meetings Issue of March 1977 (Vol. 8, No. 3).

Conferences 1977

29 June-2 July Trieste, Italy
Topical Meeting: Problems in Particle Physics
The Director, ICTP, POB 586, I-34100 Trieste

4-6 July Durham, UK
• Rare Earths and Actinides

4-7 July London, UK
• 5th Colloquium on UV and X-Ray Spectroscopy of Astrophysical and Laboratory Plasmas

4-7 July Tokyo, Japan
• 6th Int. Conf. on Internal Friction and Ultrasonic Attenuation in Solids

4-9 July Budapest, Hungary
Conference on Particle Physics
I. Montvay, KFKI, P.O. Box 49,
H-1525 Budapest 114
P: 15.5.77/500
Sfr. 160.— (IOM), Sfr. 200.— (others)

4-9 July Madrid, Spain
• 9th Int. Congress on Acoustics

5-7 July Salford, UK
• Int. Dynamic Mass Spectrometry Symposium

6-8 July Denton, Texas, USA
• Int. Conf. on Hot Electrons in Semiconductors

11-12 July Limoges, France
• Int. Round Table on Plasma Polymerization and Surface Treatment

11-13 July Oxford, UK
• Int. Conf. on Physical Chemistry and Hydrodynamics

11-14 July Seattle, USA
• 11th Int. Shock Tube Symposium

11-15 July Trieste, Italy
Workshop on Classical Particle Electrodynamics
Deputy Director, ICTP, POB 586, I-34100 Trieste inv.

11-17 July Serpukhov, USSR
• 10th Int. Conf. on High Energy Accelerators

12-15 July Cracow, Poland
9th EGAS Conf. on Atomic Spectroscopy
D. Kunisz, Institute of Physics,
Jagellonian University,
Reymonta 4, PL 30-059 Cracow 16
A: May 1977/P: April 1977/200
US \$ 20.—

12-15 July Williamsburg, VI, USA
• 1977 IEEE Annual Conf. on Nuclear and Space Radiation Effects

13-15 July Porvoo, Finland
• Int. Symposium on Microwave Diagnostics of Semiconductors

13-19 July Limoges, France
• 3rd Int. Symposium on Plasma Chemistry

14-15 July Nottingham, UK
Processing, Structure, Properties and Performance of Polymers
The Meetings Officer, The Institute of Physics,
47 Belgrave Square, London SW1X 8QX
Ab: 18.2.77/P: 29.4.77

17-22 July Birmingham, UK
• 4th Conf. on Spectroscopy and Analytical Chemistry

17-22 July Cambridge, Mass., USA
• 5th Int. Conf. on Crystal Growth

18-20 July Tokyo, Japan
• 1977 Int. Conf. on Integrated Optics and Optical Fiber Communication

18-21 July Cambridge, UK
Inter / Micro 77
McCrone Research Institute, 2820 South Michigan Ave., Chicago, IL 60616, USA

18-22 July Tübingen, FRG
• 6th Int. Colloquium on Group Theoretical Methods in Physics

19-28 July Kobe, Japan
5th Int. Workshop on Weak Interactions with Very High Energy Beams
Y. Tanikawa, Dept. of Physics, Kobe University, Rokkodai, Kobe 657
A: 15.5.77

21-27 July Paris, France
• 10th Int. Conf. on Physics, Electronic and Atomic Collisions (ICPEAC)

25-29 July Boulder, CO, USA
• 6th AIRAPT Int. Conf.: Physics and Technology of High Pressure

26-28 July Seattle, USA
• Electromagnetic Compatibility

26-29 July Leeds, UK
3rd EPS Condensed Matter Division Conf.: Electron Transport - Molecular Solids
The Meetings Officer, The Institute of Physics, 47 Belgrave Square, London SW1X 8QX
A: 10.6.77 / Ab: 1.3.77 / NP / £ 50.— (IOM, mbrs. adh. soc. EPS), £ 26.80 (students), £ 71.60 (others)

2-5 Aug. Boulder, CO, USA
• Int. Cryogenic Materials Conf. (ICMC) and Cryogenic Engineering Conf.

3-5 Aug. Denver, CO, USA
Applications of X-Ray Analysis
Mildred Cain, Denver Research Institute, University of Denver, Denver CO 80208
Ab: 4.4.77

3-5 Aug. Toronto, Canada
Int. Conf. on Management of Data (SIGMOD)
Association for Computing Machinery, 1133 Avenue of the Americas, New York, NY 10036, USA

7-13 Aug. Waterloo, Ontario, Canada
• General Relativity 8

8-12 Aug. Toronto, Canada
• IFIP Congress

8-12 Aug. Breukelen, NL
Radiation Processes
J. Langelaar, University of Amsterdam, Nieuwe Prinsengracht 126, Amsterdam

9-11 Aug. Boulder, CO, USA
• Optical Propagation through Turbulence, Rain and Fog

9-11 Aug. Gaithersburg, Md., USA
• 5th Symposium Simulation of Computer Systems

10-12 Aug. East Lansing, USA
Int. Conf. on Thermoelectricity in Metallic Conductors
P.A. Schroeder, Physics Dept., Michigan State University, East Lansing, Michigan 48824
P: 15.5.77

11-18 Aug. Boston, MA, USA
• Joint Meeting of the Microbeam Analysis Society and Electron Microscopy Society of America

11-18 Aug. Loma-Koli, Finland
Symposium on the Foundations of Modern Physics
Symposium Secretariat, Dept. of Nuclear Physics, University of Helsinki, Siltavuorenpenger 20 c, SF-00170 Helsinki 17
A: 31.5.77/Fmk 200.—

13-26 Aug. Plovdiv, Bulgaria
• 15th International Cosmic Ray Conference

14-19 Aug. Geilo, Norway
• Int. Symposium: Hydrides for Energy Storage

15-18 Aug. Haifa, Israel
Magnetic Alloys and Oxides
R.A. Buckwald, Dept. of Physics,
Technion, Israel Institute of
Technology, Haifa 32000
Ab: 30.3.77 / PP: 15.6.77 / 200 /
US \$ 50.— (IOM), US \$ 25.—
(students), US \$ 60.— (others)

15-19 Aug. Toronto, Canada
• Int. Conf. on Physics of Transition Metals

16-18 Aug. Hamilton, New Zealand
• Plasmas, Lasers, Statistical Mechanics and Biophysics

18-24 Aug. Boston, MA, USA
• 8th Int. Conf. on X-Ray Optics and Microanalysis

21-24 Aug. Otaniemi, Finland
Low Temperature Nuclear Heat
Risto Tarjanne, LTNH Programme Chairman,
Technical Research Centre of Finland, Nuclear
Engineering Laboratory, Lönnrotinkatu 37,
SF-00180 Helsinki 18
A: 4.8.77 / PP / US \$ 95.—

22-25 Aug. Prague, Czechoslovakia
• Int. Conf. on Technical Diagnostics

22-26 Aug. Bad Münstereifel, FRG
• Structure and Properties of Nearby Galaxies

22-26 Aug. Stockholm, Sweden
• 6th Int. Colloquium on Gasdynamics of Explosions and Reactive Systems

22-26 Aug. Prague, Czechoslovakia
15th Czechoslovak Conf. on Electron Microscopy and Exposition
Secretariat EM 77, Institute of Microbiology,
Czechoslovak Academy of Sciences,
Budejovicka 1083, CS-14220 Prague 4
A: 22.8.77 / Ab: 1.3.77 / PP: 1.3.77 /
English, Russian, Czech, Slovak / US \$ 50.—

22-26 Aug. Boston, MA, USA
• 35th Annual Meeting — Electron Microscopy Society of America

22-27 Aug. San Diego, USA
SPIE Int. Symposium
Int. Optical Computer Conf. (IOCC-77)
Society of Photo-Optical Instrumentation Engineers,
POB 10, 405 Fieldston Road, Bellingham,
WA 98225
Ab: 7.5.77 / P: 18.7.77

23-26 Aug. Ronneby, Sweden
• 5th Int. Conf. on Chemical Thermodynamics

24-27 Aug. Tokyo, Japan
IUTAM Symposium on High Velocity Deformation of Solids
Prof. S. Fukui, c/o Prof. K. Kawata, Inst. of Space and Aeronautical Science, Univ. of Tokyo,
4-6-1, Komaba, Meguro-ku, Tokyo
IUTAM

24-30 Aug. Haifa, Israel
13th IUPAP Conf. on Statistical Physics
I. Riess, Physics Department, Technion, Haifa
A: 1.6.77 / Ab: 1.6.77 / P: 1.6.77 / 300 / IUPAP /
US \$ 60.—

25-31 Aug. Hamburg, FRG
• Int. Symposium: Lepton and Photon Interactions at High Energies

28-31 Aug. Stockholm, Sweden
• Teaching Measurement Science through Laboratory Experiments

28 Aug.-2 Sept. Kiryat Anavim, Israel
• Int. Mass. Spectrometry Symposium on Natural Products

29-31 Aug. Uppsala, Sweden
• Chemical Physics of Surfaces, Catalysis and Membranes (CPS-Uppsala 77)

29 Aug.-1 Sept. Dublin, Ireland
3rd Specialized Colloque Ampère: Optical Studies in Magnetic Resonance Spectroscopy
B. Henderson, Physical Laboratory, Trinity College, Dublin 2
A: 30.6.77 / Ab: 7.7.77 / PP / IUPAP / £ 25.—
incl. abstr. & proc.

29 Aug.-1 Sept. Kyoto, Japan
5th Int. Conf. on High-Voltage Electron Microscopy
H. Hashimoto, Dept. of Applied Physics, Faculty of Engineering, Osaka University, Osaka 565

29 Aug.-2 Sept. Bratislava, Czechoslovakia
• 6th Int. Conf. on Magnet Technology

29 Aug.-2 Sept. Zurich, Switzerland
7th Int. Conf. on High Energy Physics and Nuclear Structure
Mrs. E. Huber, SIN, CH-5234 Villigen
A: 31.5.77/Ab: 31.5.77/PP/400/IUPAP/
Sfr. 150.—

29 Aug.-3 Sept. Munich, FRG
IUTAM Symposium on Dynamics of Multibody Systems
K. Magnus, Lehrstuhl B für Mechanik, Technische Universität München, Postfach 202420,
D-8000 München 2
IUTAM

• For full details please see March 1977 issue of *Europhysics News*

- 30-31 Aug.** Tokyo, Japan
9th Conf. on Solid State Devices
J. Nishizawa, Inst. of Electrical Communication,
Tohoku University, 2-1-1 Katahira,
Sendai 980
Ab: 31.5.77 /PP /Japanese, English
- 30 Aug.-3 Sept.** Oxford, UK
* 4th European Crystallographic Meeting
- 30 Aug.-7 Sept.** Prague, Czechoslovakia
* 20th Colloquium Spectroscopicum Internationale
and 7th Int. Conf. on Atomic Spectroscopy
- 31 Aug.-2 Sept.** Christchurch, New Zealand
* 1st New Zealand Astronomy and Astrophysics
Conf.
- 4-9 Sept.** Reading, UK
4th Int. Congress: Photosynthesis
J. Coombs, c/o Tate & Lyle Ltd., POB 68,
Reading RG6 2BX
- 4-10 Sept.** Tokyo, Japan
* 26th Int. Congress of Pure and Applied Chemistry
- 5-8 Sept.** Copenhagen, DK
* 7th European Microwave Conference
- 5-9 Sept.** Nikko, Japan
* Int. Symposium: Physics at Ultralow Temperatures
- 5-9 Sept.** Salford, UK
Low Energy Ion Beams
The Meetings Officer, The Institute of Physics,
47 Belgrave Square, London SW1X 8QX
Ab: 1.4.77/PP
- 5-9 Sept.** Montpellier, France
5th Int. Conf. on Vacuum UV Radiation Physics
Mme N. Pouey, CNRS, Laboratoire de Bellevue,
1, Place Aristide-Briand, F-92190 Meudon
A: 1.6.77 / Ab: 1.3.77 / P: 16.5.77 / 350 /
IUPAC, IUPAP, CODATA / FF 350.—
- 5-9 Sept.** Oxford, UK
24th Int. Symposium on Field Emission
G.D.W. Smith, Dept. of Metallurgy and Science of
Materials, University of Oxford, Parks Road,
Oxford OX1 3PH
- 5-9 Sept.** University of Sussex, UK
* Euromas 77 — Precise Electrical Measurement
- 5-10 Sept.** Paris, France
International Conference on Lattice Dynamics
M. Balkanski, Laboratoire de Physique des
Solides, Tour 13, 2e étage, 4, place Jussieu,
F-75230 Paris Cedex 05
A: 15.6.77 / Ab: 15.3.77 / PP: 15.5.77 / 1000 /
IUPAP/US \$ 80.—
- 5-10 Sept.** Bucharest, Romania
* Int. Conf. on Mössbauer Spectroscopy
- 5-10 Sept.** Würzburg, FRG
8th IFIP Conf. on Optimization Techniques
J. Stoer, Inst. für Angew. Mathematik und Statistik,
Am Hubland, D-8700 Würzburg
- 5-10 Sept.** Tokyo, Japan
International Conference on Nuclear Structure
T. Marumori, Institute of Nuclear Study, University of
Tokyo, Midori-cho 3-2-1, Tanashi-shi,
Tokyo 188
Ab: 15.6.77/IUPAP
- 6-9 Sept.** Bamberg, FRG
* Interaction of Variable Stars with their Environment
- 6-9 Sept.** Washington, D.C., USA
* Comcon Fall 77 - Micros, Minis, and Maxis —
Technology Thrust vs. User Requirement
- 6-9 Sept.** Marseille, France
Int. Conf. on Two-Dimensional Adsorbed Phases
J. Suzanne, Lab. des Mécanismes de la
Croissance Cristalline, Centre Universitaire de
Luminy, F-13288 Marseille Cedex 2
- 7-9 Sept.** Columbus, OH, USA
Electrical Transport and Optical Properties of
Inhomogeneous Media
J.C. Garland, Dept. of Physics, Ohio State University,
Columbus, OH 43210
Ab: 1.7.77 / P: 9.9.77 / 150
- 8-10 Sept.** Torun, Poland
* Chemic-Dynamical Evolution of our Galaxy
- 8-10 Sept.** Marseille, France
* Hertzian Optics and Dielectrics
- 11-14 Sept.** Evanston, IL, USA
IUTAM Symposium on Modern Problems in Elastic
Wave Propagation
J.D. Achenbach, The Technological Institute,
Northwestern University, Evanston, IL 60201
IUTAM
- 11-16 Sept.** Cambridge, UK
* Physics and Chemistry of Ice
- 11-21 Sept.** Leipzig, GDR
* Operator Algebras, Ideals, and their Applications
in Theoretical Physics
- 12-14 Sept.** Glasgow, UK
EMAG 77 — Developments in Electron Microscopy
and Analysis
The Meetings Officer, The Institute of Physics,
47 Belgrave Square, London SW1X 8QX
A: 12.8.77 / Ab: 2.5.77 / PP
- 12-14 Sept.** Orsay, France
Synchrotron Radiation Instrumentation and
Developments
Y. Farge, L.U.R.E. Bât. 200, Université Paris-Sud
F-91405 Orsay
Ab: 20.6.77 / PP
- 12-15 Sept.** Brighton, UK
European Solid State Device Research
Conference (ESSDERC '77)
The Meetings Officer, The Institute of Physics,
47 Belgrave Square, London SW1X 8QX
Ab: 22.4.77 / PP
- 12-15 Sept.** Warsaw, Poland
* 3rd Int. Conf.: Physics of Narrow-Gap Semi-
conductors
- 12-16 Sept.** Tallinn, USSR
* The Large-Scale Structure of the Universe
- 12-16 Sept.** Vienna, Austria
7th Int. Vacuum Congress and 3rd Int. Conf. on
Solid Surfaces
R. Dobrozemsky, 7th IVC and 3rd ICSS,
Postfach 300, A-1082 Vienna
A: 1.3.77 / Ab: 1.3.77 / PP / English, French,
German / IUVESTA, IUPAP
- 12-16 Sept.** Wrocław, Poland
13th European Congress on Molecular
Spectroscopy
B. Jezowska-Trzebiatowska, University of
Wrocław, Institute of Chemistry, 14 Joliot-
Curie Street, Wrocław
A: 15.2.77 / Ab: 20.3.77 / IUPAC, IUPAP
- 12-17 Sept.** Berlin, GDR
* 13th Int. Conf. on Phenomena in Ionized Gases
- 13-15 Sept.** Oxford, UK
Ion-Ion and Ion-Solvent Interactions
Mrs. Y.A. Fish, Faraday Division, Chemical Society,
Burlington House, London W1V 0BN
A: 1.8.77 / Ab: 30.9.76 / PP: 1.5.77 / 150 / £ 12.—
- 13-15 Sept.** Salford, UK
* Particle Size Analysis
- 13-15 Sept.** Dundee, UK
Biological Applications of Magnetic Resonance
R.A. Vaughan, Dept. of Physics, University of Dundee,
Dundee DD1 4HN
A: 31.7.77 / Ab: 31.7.77 / NP / 100 / £ 20.—
- 13-16 Sept.** Bath, UK
* 4th Symposium on Liquid Scintillation Counting
- 13-16 Sept.** Osaka, Japan
* 4th Int. Symposium on Nuclear Quadrupole
Resonance Spectroscopy
- 14-16 Sept.** Bratislava, Czechoslovakia
Soft Magnetic Materials 3
P. Gonda, Slovak Technical University,
Mytna 36, 880 19 Bratislava
A: March 1977 / PP: March 1977 / 120 /
inv./incl. proceedings: US \$ 70.—
(EPS Members), US \$ 80.— (non-
members)
- 14-16 Sept.** Southampton, UK
3rd National Quantum Electronics Conference
D.C. Hanna, Department of Electronics, University of
Southampton, Southampton, Hants SO9 5NH
A: 15.8.77 / Ab: 23.5.77
- 18-22 Sept.** Calgary, Canada
* 47th Annual International Meeting of the Society
of Exploration Geophysicists
- 18-23 Sept.** Leningrad, USSR
4th Int. Meeting on Ferroelectricity (IMF 4)
G.A. Smolensky, A.F. Ioffe Physico-Technical
Institute, Academy of Sciences of the
USSR, Polytechnicheskaja,
194021 Leningrad 26
A: 30.4.77 / P: Feb. 77 / 350 / IUPAP
- 19-21 Sept.** Shrivernham, UK
Biennial Polymer Physics Conference
The Meetings Officer, The Institute of Physics,
47 Belgrave Square, London SW1X 8QX
Ab: 1.6.77
- 19-21 Sept.** London, UK
50th Anniversary of Discovery of Electron Diffraction
The Meetings Officer, The Institute of Physics,
47 Belgrave Square, London SW1X 8QX
A: 19.8.77 / Ab: 31.5.77 / PP: 5.9.77 / IUCr
- 19-22 Sept.** Aberdeen, UK
Chemistry of the Upper and Lower Atmosphere
P. Meares, Dept. of Chemistry, The University,
Meston Walk, Old Aberdeen AB9 3UE
A: Sept. 77 / Ab: 15.5.77 / NP
- 19-23 Sept.** Prague, Czechoslovakia
8th European Conf. on Controlled Fusion
and Plasma Physics
V. Kopecky, 8th Eur. Conf. on Controlled
Fusion and Plasma Physics,
P.O. Box 65, 18000 Prague 8
A: 15.5.77 / PP: 15.5.77 / 400 /
Sfr. 50.— (incl. proceedings)
- 19-23 Sept.** Tours, France
5th Colloquium on High Resolution Molecular
Spectroscopy
G. Amat, Lab. de Phys. Moléculaire et d'Optique
Atmosphérique, CNRS, Bât. 221, Campus
d'Orsay, F-91405 Orsay Cedex
A: 1.6.77 / Ab: 1.6.77 / F 150.—
- 19-23 Sept.** Moscow, USSR
7th Int. Conf. on Atomic Collisions in Solids
A.F. Tulinov, Institute of Nuclear Physics, Moscow
State University, Moscow 117234
PP /English, Russian
- 19-23 Sept.** Paris, France
Int. Conference on Data Processing
Jeanne Poyen, Convention Informatique, 6, place
de Valois, F-75001 Paris
- 19-24 Sept.** Wrocław, Poland
* 25th Congress of the Polish Physical Society
- 20-22 Sept.** Odessa, USSR
* Industrial Weighing (IMEKO) — 6th Int. Conf.
- 20-22 Sept.** Durham, UK
* Non-Linear Problems in Stress Analysis
- 20-23 Sept.** Ulm, FRG
* 3rd European Solid State Circuits Conference
(ESSCIRC 77)
- 20-23 Sept.** Dubna, USSR
* Programming and Mathematical Methods for
Solving Physical Problems
- 20-24 Sept.** Karlsruhe, FRG
* 41. Physikertagung 1977 (DPG)
- 21-23 Sept.** Nottingham, UK
* National Conference on Reliability
- 22-26 Sept.** Istanbul, Turkey
* 10th World Energy Conference
- 23-25 Sept.** Manchester, UK
* Institute of Physics — Education Group Annual
Conf.: Getting the Best from Assessment
- 25 Sept.-1 Oct.** Prague, Czechoslovakia
* 28th Int. Astronautical Congress: Using Space —
Today and Tomorrow
- 26-28 Sept.** Birmingham, UK
* Int. Conf. on Distributed Computer Control Systems
- 26-28 Sept.** Prague, Czechoslovakia
* Int. Workshop on Stellarators
G. Grieger, Max-Planck-Institut für Plasma-
physik, D-8046 Garching
PP/50
- 26-28 Sept.** Toronto, Canada
* Int. Electrical, Electronics Conf. and Exhibition
- 26-28 Sept.** Nürnberg, FRG
* 7. Jahrestagung der Gesellschaft für Informatik (GI)

26-29 Sept. Varna, Bulgaria
6th Europhysics Conference on Macro-molecular Physics - Phase Transitions in Bulk Polymers
M. Mihailov, EPS Conference, Central Laboratory for Polymers, Bulgarian Academy of Sciences, 1113 Sofia
A: 1.1.77 / Ab: 1.4.77 / NP: 1.5.77 / 150/inv./Sfr. 200.—

26-30 Sept. Leoben, Austria
 * Annual Meeting of the Austrian Physical Society

26-30 Sept. 4 Sunny Beach, Bulgaria
 2nd Liquid Crystal Conf. of Socialist Countries
 A. Derzhanski, Liquid Crystal Group, Institute of Solid State Physics, Bulgarian Academy of Sciences, Sofia 1113
 A: 25.9.77 / Ab: 30.4.77 / NP / 160 / English, Russian / US \$ 50.—

26-30 Sept. Tokyo, Japan
 SPSE Tokyo Symposium '77: Photo- and Electro-Imaging
 Toshibumi Sakata, Dept. of Electro-Photo-Optics, Tokai University, 1-117, Kitakaname, Hiratsuka, 259-12 Japan
 A: 15.8.77 / Ab: 31.3.77 / P: 15.6.77 / 200 / English

26 Sept.-1 Oct. 4 Bled, Yugoslavia
 Int. Symposium: Nuclear Collisions and their Microscopic Description
 Norma Mankoc-Borstnik, Univ. of Ljubljana, J. Stefan Institute, Jamova 39, POB 199, 61000 Ljubljana
 A: 15.7.77 / PP: 1.8.77 / 100 / inv. / US \$ 80.—

26 Sept.-1 Oct. Como, Italy
 63rd Annual Congress: Italian Physical Society Secretariat, Società Italiana di Fisica, Via L. degli Andalò 2, I-40124 Bologna
 A: 1.7.77 / Ab: 1.7.77

27-29 Sept. London, UK
 * 2nd Int. Conf. on Power Electronics - Power Semiconductors and their Applications

27-29 Sept. Snowbird, Utah, USA
 5th Data Communications Symposium: Networks
 Joseph F. Marchese, IBM Corporation, Gaithersburg, MD 20760
 PP: 15.3.77

27-29 Sept. Swansea, UK
 9th Meeting of British Mass Spectroscopy Group
 J.R. Chapman, Secretary British MSG, AEI Scientific Apparatus Ltd., Barton Dock Road, Urmston, Manchester M13 2LD
 Ab: 30.4.77

27-29 Sept. Huntsville, AL, USA
 Effective Utilization of Optics in Radar Systems
 Society of Photo-Optical Instrumentation Engineers, POB 10, 405 Fieldston Rd., Bellingham, WA 98225
 Ab: 25.5.77 / P: 22.8.77 / 300

27-30 Sept. Luxembourg
 Photovoltaic Solar Energy Conference
 A. Strub, General Chairman, CEC DG XII, 200 rue de la Loi, B-1049 Brussels
 A: 5.9.77 / Ab: 15.5.77 / PP / BF 4000.—

28-30 Sept. Strasbourg, France
Microscopic Physics of Laser Interactions with Solids
J.B. Grun, Laboratoire de Spectroscopie et d'Optique du Corps Solide, 5, rue de l'Université, F-67000 Strasbourg
A: 15.3.77 / Ab: 31.5.77 / NP / 60 / FF 300.—

28-30 Sept. Stuttgart, FRG
 * Tagung der Deutschen Gesellschaft f. Kristallzüchtung

October Hvar, Yugoslavia
 Photometry of Emission Line Objects
 S. Kriz, Astronomical Institute of the Czechoslovak Academy of Sciences, 25165 Ondrejov, Czechoslovakia

3-5 Oct. Saclay, France
Propriétés Mécaniques de la Matière sous Hautes Pressions
Mme A. Block, I.N.S.T.N., B.P. No. 6, F-91190 Gif-sur-Yvette
A: 31.3.77 / Ab: 30.6.77 / NP / English, French / FF 650.—

3-6 Oct. Amsterdam, NL
 * Euromicro - 3rd Symposium on Microprocessing and Microprogramming

3-6 Oct. Frascati, Italy
 * Attitude and Orbit Control Systems

3-7 Oct. Gatlinburg, Tenn., USA
 * 4th Int. Conf. on Small-Angle Scattering of X-Rays and Neutrons

4-6 Oct. Atlanta, USA
 * 9th Nat. SAMPE Technical Convention - Materials and Processes - In Service Performance

4-7 Oct. Budapest, Hungary
 * 4th Symposium on Reliability in Electronics - Relelectronic '77

4-8 Oct. Bordeaux, France
 * 1st Int. Meeting on New Sources of Energy

5-7 Oct. Niagara Falls, NY, USA
 Micro 10: 10th Annual Workshop on Microprogramming
 T.G. Rauscher, Amdahl Corporation, 1250 East Arques Avenue, Sunnyvale, CA 94086
 Ab: 1.5.77 / PP: 1.8.77

5-12 Oct. 4 Düsseldorf, FRG
 * Messtechnik Automatik (INTERKAMA 1977)

6-8 Oct. Tokyo, Japan
 3rd Int. Conf. on Very Large Data Bases
 James Gabbert, E53-330, MIT Sloan School, 50 Memorial Drive, Cambridge, MA 02139, USA
 PP: 15.4.77

7-8 Oct. Berne, Switzerland
 * Herbsttagung der Schweizerischen Physikalischen Gesellschaft

9-14 Oct. Gatlinburg, Tenn., USA
 Int. Conf.: Defects in Insulating Crystals
 Y. Chen, Solid State Division, Oak Ridge National Laboratory, Oak Ridge, TN 37830
 Ab: 1.6.77

10-12 Oct. Toulouse, France
 * Attitude Control of Space Vehicles

10-14 Oct. Ithaca, NY, USA
 Int. Symposium on Information Theory
 T. Berger, 208 Phillips Hall, Cornell University, Ithaca, NY 14853
 200

10-14 Oct. Toronto, Canada
 * National Meeting of The Optical Society of America

11-14 Oct. 4 Strbské Pleso, Czechoslovakia
 Hadron Structure '77
 Stanislav Dubnicka, Inst. of Physics, Slovak Academy of Sciences, Dubravska cesta, 89930 Bratislava 1
 A: 15.6.77 / Ab: 15.6.77 / PP: 15.11.77 / US \$ 40.— incl. proc.

11-14 Oct. New Orleans, LA, USA
 13th Meeting of Computer Performance Evaluation Users Group
 CPEUG 77, National Bureau of Standards, A265, Technology Building, Washington, DC 20234
 Ab: 1.4.77 / P: 1.6.77

17-21 Oct. Vienna, Austria
 Int. Symposium: Neutron Inelastic Scattering
 Conference Service Section, IAEA, POB 590, A-1011 Vienna
 Ab: 16.5.77

18-21 Oct. Palo Alto, CA, USA
 30th Annual Gaseous Electronics Conference
 J.R. Peterson, Molecular Physics Center-106B, Stanford Research Institute, Menlo Park, CA 94025
 Ab: 15.7.77

19-21 Oct. San Francisco, USA
 Nuclear Science Symposium
 F.A. Kirsten, Lawrence Berkeley Laboratory, Univ. of California, Berkeley, CA 94270

20-23 Oct. Batavia, IL, USA
 1st Int. Conf. on Parity Nonconservation, Weak Neutral Currents and Gauge Theories
 Helen Peterson, Fermi National Accelerator Laboratory, POB 500, Batavia, IL 60510
 300

24-25 Oct. Rochester, NY, USA
 Recent Advances in Psychophysical and Visual Aspects of Image Evaluation
 R.H. Wood, Society of Photographic Scientists & Engineers, 1411 K St., N.W., Washington, DC 20005
 Ab: 30.6.77 / US \$ 60.—

25-28 Oct. London, UK
 Radar - 77
 IEE Conf. Dept., Savoy Place, London WC2R 0BL
 Ab: 10.1.77 / P: 16.5.77

25-28 Oct. Knoxville, USA
 7th Symposium on Engineering Problems of Fusion Research
 M.S. Lubell, Oak Ridge National Laboratory, POB Y, Oak Ridge, TN 37830

26-28 Oct. Karlsruhe, FRG
 Aerosols in Science, Medicine and Technology — Measuring Techniques and Application
 R. Jänicke, Gesellschaft f. Aerosolforschung c/o Max-Planck-Institut, POB 3060, D-6500 Mainz

26-28 Oct. 4 Strasbourg, France
 1st European Congress on Optics Applied to Metrology
 Congrès d'Optique 77, 3, rue de l'Université, F-67000 Strasbourg
 Ab: 15.6.77 / PP / FF 400.—

27-29 Oct. Rochester, NY, USA
 Meeting of The Nuclear Physics Division (APS)
 American Physical Society, 335 E. 45th Street, New York, NY 10017

31 Oct.-3 Nov. Eastbourne, UK
 Advancing Energy Technology
 H.M. Lodge, The Institute of Fuel, 18 Devonshire Str., Portland Place, London W1N 2AU
 Ab: 3.1.77

2-5 Nov. Washington, D.C., USA
 The HR Diagram: The 100th Anniversary of Henry Norris Russell
 D.A.G. Davis Philip, Dudley Observatory, 100 Fuller Road, Albany, NY 12205
 PP / 100 / inv. / English, French / IAU

3-4 Nov. Munich, FRG
 Nuclear Energy and Risk
 Gesellschaft für Reaktorsicherheit (GRS) mbH, Postfach 10 1650, D-5000 Köln 1

7-11 Nov. Sebnitz nr. Dresden, GDR
 Int. Seminar on Magnetism
 K. Elk, Hochschule f. Verkehrswesen "Friedrich List", Wissenschaftsbereich Physik, POB 103, DDR-8072 Dresden
 English, Russian / M 150.—

7-11 Nov. Atlanta, USA
 Meeting of the Plasma Physics Division (APS)
 American Physical Society, 335 E. 45th Street, New York, NY 10017

7-11 Nov. Detroit, USA
 4th Ann. Meeting: Federation of Analytical Chemistry and Spectroscopy Societies
 M. Kapron, Ethyl Corporation, 1600 West 8 Mile Road, Ferndale, MI 48220

8-11 Nov. Minneapolis, USA
 Magnetism and Magnetic Materials
 C.D. Graham, Jr., Dept. of Metallurgy and Materials Science, Univ. of Pennsylvania, Philadelphia, PA 19174
 Ab: 22.7.77 / PP

14-19 Nov. New Delhi, India
 International Solar Energy Congress
 Deutsche Gesellschaft für Sonnenenergie, Goethestr. 28, D-8000 München 2

15-18 Nov. Washington, DC, USA
 SPSE 3rd Int. Conf. on Electrophotography
 R.H. Wood, Society of Photographic Scientists & Engineers, 1411 K Street, NW, Washington, DC 20005

16-17 Nov. London, UK
 Solar Energy
 Royal Society, 6 Carlton House Terrace, London SW1Y 5AG

16-20 Nov. Haludovo, Yugoslavia
 8th Yugoslav Symposium of Biophysics
 G. Pifat, Institute R. Boskovic, Bijenicka c. 54, YU-41000 Zagreb
 A: 15.7.77 / Ab: 1.9.77 / US \$ 30.—



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Département de Chimie Physique
Sciences II, 30 quai E. Ansermet
CH-1211 Geneva 4
T. (22) 219355

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Department of Theoretical Physics
University of Oxford
12 Parks Road
Oxford OX1 3PJ UK
T. (865) 59291

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Ch. A.H. Gabriel
ARD, Culham Laboratory,
Abingdon OX14 3DB UK
T. (235) 21840

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Physikalisches Institut der Universität
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Clarendon Laboratory, Parks Road
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T. (865) 59291

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F-91405 Orsay
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T. (01) 57 57 70 / 2340

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T. (40) 74 28 06

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C. Rizzuto, University, Genoa
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next green issue of Europhysics News.

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Ch. P. Burke
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The Queen's University of Belfast
Belfast BT7 1NN Northern Ireland
Tel. 45133

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Ch. G. Marx
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H-1088 Budapest
T. 131843

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Europhysics Journals

General Physics Journals
Acta Physica Austriaca
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Journal de Physique
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Z. Naturforsch. A
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Springer Verlag
Pol. Phys. Soc.
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Specialized Journals
Astronomy and Astrophysics
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Revue de Physique Appliquée

Astron. Astrophys.
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Springer Verlag
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Pergamon Press
Comm. des Publ.
Fr. de Phys.

Review Journals
Advances in Physics
Contemporary Physics
Report on Progress
in Physics
Physics in Technology

Adv. Phys.
Contemp. Phys.
Rep. Prog. Phys.
Phys. Technol.

Taylor & Francis
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Inst. of Phys.
Inst. of Phys.

19-20 Nov. Liège, Belgium
Pattern Recognition
A. Fave, Institut de Mathématique, Université de Liège, 15 av. des Tilleuls, B-4000 Liège

21-22 Nov. Liège, Belgium
Int. Meeting on Data Transmission
A.I.M. Secretariat, rue Saint-Gilles, B-4000 Liège
PP / English, French / BF 4000.—

21-23 Nov. Miami Beach, USA
General Meeting of the American Physical Society
American Physical Society, 335 E. 45th Street, New York, NY 10017
Ab: 9.9.77

27 Nov.-2 Dec. San Francisco, USA
Meeting of the American Nuclear Society
David G. Pettengill, American Nuclear Society, 224 East Ogden Avenue, Hinsdale, Ill. 60521

28 Nov.-2 Dec. Paris, France
30th Int. Meeting of the Société de Chimie Physique: Protons and Ions Involved in Fast Dynamic Phenomena
C. Troyanowsky, Gen. Sec. (30th Meeting), 10 rue Vauquelin, F-75231 Paris Cedex 05
Ab: 1.6.77

28 Nov.-2 Dec. Brighton, UK
5th Int. Conf. and Exhibition: Automatic Testing '77 Network, 84 High Street, Newport Pagnell, Bucks MK16 8EG
Ab: 1.2.77

30 Nov.-2 Dec. Brighton, UK
New Developments in Automatic Testing
IEE Conference Department, Savoy Place, London WC2R 0BL
Ab: 10.1.77/P: 27.6.77

5-7 Dec. Knoxville, Tenn., USA
Electron and Atomic Physics Div. Meeting (APS)
American Physical Society, 335 E. 45th Street, New York, NY 10017

5-7 Dec. Washington, D.C., USA
International Electron Devices Meeting
Technical Activities Board, IEEE Inc., 345 E. 47th Street, New York, NY 10017
Ab: 8.8.77

5-7 Dec. Gaithersburg, MD, USA
1977 Winter Simulation Conference
Robert G. Sargent, Indust. Engineering and Operations Research, Syracuse University, Syracuse, NY 13210
Ab: 15.4.77/PP: 1.9.77

5-9 Dec. Atlanta, USA
Int. Symposium: Standardization of Radiation Dosimetry
Conference Service, IAEA, POB 590, A-1011 Vienna, Austria
Ab: 1.6.77

5-9 Dec. Rocquencourt, France
3rd Int. Symposium: Computing Methods in Applied Sciences and Engineering
IRIA, External Relations, Domaine de Voluceau, F-78150 Rocquencourt

5-9 Dec. New Delhi, India
Symposium on Monsoon Dynamics
M.P. Singh, Indian Institute of Technology, Hauz Khas, New Delhi
IUTAM / IUGG

13-14 Dec. Southampton, UK
Electrocrystallization, Nucleation, Phase Formation
Mrs. Y.A. Fish, Faraday Div., The Chemical Society, Burlington House, London W1V 0BN
A: 15.11.77 / Ab: 31.3.77 / PP: 1.8.77 / 150

15-16 Dec. Cambridge, UK
High Resolution Laser Spectroscopy
P.B. Davies, University Chemical Laboratory, Lensfield Road, Cambridge CB2 1EP
NP

1978

4-6 Jan. Coventry, UK
15th Annual Solid State Physics Conference
The Meetings Officer, The Institute of Physics, 47 Belgrave Square, London SW1X 8QX
P: 1.11.77

9-13 Jan. Madonna di Campiglio, I
Physics and Applications of Smectic and Lyotropic Liquid Crystals
M. Bertolotti, Istituto di Fisica, Facoltà di Ingegneria, Università di Roma, I-00100 Rome
A: 15.12.77 / P: 1.10.77 / 100 / L. 70000

14-17 Jan. Calcutta, India
Int. Symposium on Instrumentation
Inst. of Instrumentation, Scientists & Technologists, Dept. of Electrical Engineering, Jadavpur Univ., Calcutta 700032

16-18 Jan. Fort Collins, CO, USA
Symposium on Electrohydrodynamics
T.B. Jones, Department of Electrical Engineering, Colorado State University, Fort Collins, CO 80523
PP: 1.8.77

16-18 Jan. Salt Lake City, USA
Topical Meeting on Integrated and Guided Wave Optics
Optical Society of America, Integrated and Guided Wave Optics, Suite 620, 2000 L Street, N.W., Washington, D.C. 20036
Ab: 20.10.77 / US \$ 50.—

16-20 Jan. Santiago, Chile
1st Latin American Regional Meeting in Astronomy
G. Anguita, Dept. de Astronomia, Casilla 36-D, Santiago, Chile
200 / inv. / IAU

22-26 Jan. San Francisco, USA
American Physical Society - General Meeting
American Physical Society, 335 E. 45th Street, New York, NY 10017

23-28 Jan. Les Arcs, France
Méthodes d'Analyse et de Caractérisation des Couches Minces
Société Française du Vide, 19 rue du Renard, F-75004 Paris
Ab: 15.9.77 / PP: Nov. 77 / 250 / English, French

7-9 Feb. San Diego, CA, USA
CLEOS '78 — Conference on Laser and Electro-Optical Systems
Milton Chang, Newport Research Corp., 18235 Mt. Baldy Circle, Fountain Valley, CA 92708
Ab: 30.9.77 / PP: 30.9.77 / US \$ 55.—

14-15 Feb. Vienna, Austria
Wire Chamber Conference
M. Regler, Institut für Hochenergiephysik, Nikolsdorfergasse 18, A-1050 Wien

15-17 Feb. Philadelphia, USA
Int. Solid State Circuits Conference
Technical Activities Board, IEEE Inc., 345 E. 47th Street, New York, NY 10017

1-3 March Zurich, Switzerland
100th Anniversary of First Liquefaction of Air: Advances in Refrigeration at Lowest Temperatures
Ch. Trepp, Institut f. Verfahrens- u. Kältetechnik, ETH-Zentrum, CH-8092 Zurich

6-10 March Toulouse, France
Earth Observation from Space and Management of Planetary Resources (OST)
OST Colloquium Secretariat, B.P. No. 4130, F-31030 Toulouse Cedex
Ab: 15.10.77 / FF 800.—

7-10 March London, UK
Maritime and Aeronautical Satellite Communication and Navigation
IEE Conf. Dept., Savoy Place, London WC2R 0BL
Ab: 9.5.77 / P: 5.9.77

8-10 March Toulouse, France
2nd European Solar Meeting: Highlights in Solar Physics
Mrs. Manning, D.A.S.O.P., Meudon Observatory, F-92190 Meudon
A: 31.12.77 / PP / 200 / FF 150.—

20-23 March London, UK
Centralized Control Systems
IEE Conference Department, Savoy Place, London WC2R 0BL
Ab: 6.6.77 / PP: 21.10.77

22-24 March Yorktown Heights, NY, USA
Int. Topical Conf.: SiO₂ and its Interfaces
Sokrates T. Pantelides, IBM Thomas J. Watson Research Center, POB 218, Yorktown Heights, NY 10598
Ab: 28.11.77 / PP / US \$ 60.— incl. proc.

27-30 March Washington, DC, USA
American Physical Society - General Meeting
American Physical Society, 335 E. 45th Street, New York, NY 10017

29 March-1 April Guildford, UK
3rd Int. Sub-Millimetre Waves Conference
The Meetings Officer, The Institute of Physics, 47 Belgrave Square, London SW1X 8QX
Ab: 1.10.77

3-5 April Oxford, UK
Vacuum '78
The Meetings Officer, The Institute of Physics, 47 Belgrave Square, London SW1X 8QX

3-7 April Culham, UK
3rd Int. Conf. on Plasma Surface Interactions in Controlled Fusion Devices
J.H.C. Maple, UKAEA Culham Laboratory, Abingdon, OX14 3DB

4-6 April Brighton, UK
European Conf. on Optical Systems and Applications (ECOSA 1)
The Meetings Officer, The Institute of Physics, 47 Belgrave Square, London SW1X 8QX
A: 30.3.78 / P: 1.12.77

4-6 April Liverpool, UK
The Physical Basis of Chemisorption and Heterogeneous Catalysis
J.F. Gibson, The Chemical Society, Burlington House, London W1V 0BN
NP

4-7 April Birmingham, UK
Communications Equipment and Systems
IEE Conference Dept., Savoy Place, London WC2R 0BL
Ab: 20.5.77/PP: 24.10.77

5-7 April Edinburgh, UK
Nuclear Physics Conference
The Meetings Officer, The Institute of Physics, 47 Belgrave Square, London SW1X 8QX

11-13 April Lunteren, NL
Colloid Stability
Mrs. Y.A. Fish, Faraday Div., The Chemical Society, Burlington House, London W1V 0BN
A: 15.3.78/Ab: 31.3.77/PP: 1.12.77/200

16-20 April Salford, UK
Int. Conf. on Luminescence
D. Irish, Pye Unicam Ltd., York Street, Cambridge CB1 2PX

17-20 April Egham, Surrey, UK
10th National Atomic and Molecular Physics Conf.
The Meetings Officer, The Institute of Physics, 47 Belgrave Square, London SW1X 8QX

23-26 April Mayaguez, Puerto Rico, USA
Computers in Activation Analysis and Gamma-Ray Spectroscopy
B. Stephen Carpenter, Reactor Building 235, National Bureau of Standards, Washington, DC 20234
Ab: 1.11.77/P: 1.3.78

24-27 April Washington, D.C., USA
American Physical Society - General Meeting
American Physical Society, 335 E. 45th Street, New York, NY 10017

May France
Colloque: Surfaces - Vide - Métallurgie
Mme J. Fauvet, Société Française du Vide, 19 rue du Renard, F-75004 Paris
PP: Feb. 1978 / 300 / English, French / FF 660.—

May Tokyo, Japan
IAU Symposium on Dynamical Astronomy
B.G. Marsden, Smithsonian Astrophysical Observatory, 60 Garden Street, Cambridge, MA 02138, USA
PP / IAU (under consideration)

May nr. Strasbourg, France
Structure and Dynamics of Polymers - Results on Neutron Scattering and New Theoretical Approaches
H. Benoit, Centre de Recherches sur les Macromolécules, F-67083 Strasbourg
150 / English

2-4 May Anaheim, CA, USA
23rd National SAMPE Symposium and Exhibition
Marge Smith, SAMPE, POB 613, Azusa, CA 91702
Ab: 1.7.77

7-12 May Vancouver, Canada
8th Int. Conf. on Electron Beam Science and Technology
Electrochemical Society, POB 2071, Princeton, NJ 08540, USA

8-12 May Cadiz, Spain
IAU Colloquium on Time and Earth Rotation
A. Orte, Instituto de Marina, San Fernando, Cadiz 60 / IAU

9-12 May Florence, Italy
International Magnetism Conference (INTERMAG)
Joe Suozzi, Bell Telephone Labs. Inc., Whippany, NJ 07981, USA
PP / 800

- 15-18 May** Monterey, USA
International Conference on Plasma Science
F. Schwirzke, Physics Department, Naval Postgraduate School, Monterey, CA 93940
- 16-19 May** Ottawa, Canada
Precision Electromagnetic Measurements
A.F. Dunn, National Research Council, Montreal Road, Ottawa, Ontario
URSI
- 22-25 May** Taormina, Italy
6th International CODATA Conference
CODATA Secretariat, 51 Bd. de Montmorency, F-75016 Paris
Ab: 1.10.77 / PP
- 24-26 May** USA
2nd Thermophysics and Heat Transfer Conference
American Institute of Aeronautics and Astronautics, Inc., 1290 Avenue of the Americas, New York, NY 10019
- 28 May-11 June** Innsbruck, Austria
21st COSPAR Plenary Meeting and Symposia: Solar-Terrestrial Physics — Planetary Atmospheres and Surfaces
Z. Niemrowicz, COSPAR Secretariat, 51 bd. de Montmorency, F-75016 Paris, France
A: 28.5.78 / Ab: early 1978 / PP: 28.5.78 / 600 / English, French / COSPAR, SCOSTEP
- June** University of Maryland, USA
IAU Symposium: Large-Scale Characteristics of our Galaxy
F.J. Kerr, Astronomy Program, University of Maryland, College Park, MD 20742
PP / 150 / IAU (under consideration)
- June** USA
Recent Advances and Future Trends in Magnetic Discs
R.B. Clover, Phys. Research Lab., Hewlett-Packard, 3500 Deer Creek Rd., Palo Alto, CA, USA
- June** Trieste, Italy
4th Astrophysics Colloquium of Trieste Observatory: High Resolution Spectroscopy
M. Hack, Astronomical Observatory, Via Tiepolo 11, I-34131 Trieste
- 4-9 June** Amsterdam, NL
European Conference on Surface Science (ECOSS I)
J. Verhoeven, F.O.M. Institute for Atomic and Molecular Physics, Kruislaan 407, Amsterdam
Ab: 1.2.78 / PP: 1.4.78 / 350 / IUVSTA
- 5-9 June** Vancouver Island, Canada
IAU Symposium: Mass Loss and Evolution of O-type Stars
P.S. Conti, J.I.L.A., Boulder, CO 80309 USA
IAU
- 12-15 June** London, Ontario, Canada
1978 Congress of the Canadian Association of Physicists
Canadian Association of Physicists, Suite 903, 151 Slater Street, Ottawa K1P 5H3
- 18-23 June** San Diego, CA, USA
Annual National Meeting: American Nuclear Society
David G. Pettengill, American Nuclear Society, 244 East Ogden Ave., Hinsdale, IL 60521
- 19-23 June** Winnipeg, Canada
3rd Int. Conf. on Clustering Aspects of Nuclear Structure and Nuclear Reactions
W.T.H. van Oers, Dept. of Physics, Univ. of Manitoba, Winnipeg, Manitoba R3T 2N2
- 26-29 June** Ottawa, Canada
10th Biennial Conf. on Precision Electromagnetic Measurements (CPEM '78)
A.F. Dunn, Division of Physics, National Research Council, Ottawa, Canada K1A 0R6
URSI
- 27-29 June** Ottawa, Canada
International Microwave Symposium
A.L. VanKoughnett, Communications Centre, POB 11490, Station «H» Ottawa, Ont., Canada K2H 8S2
- July** USA
Conference on Nuclear and Space Radiation Effects
Technical Activities Board, IEEE, 345 E. 47th Street, New York, NY 10017, USA
- July** Vatican City
IAU Colloquium: Spectral Classification of the Future
P.J. Treanor, S.J., Specola Vaticana, Castel Gandolfo, Vatican City State
PP / 80 / inv. / IAU
- 3-7 July** Grenoble, France
Joint Varenna - Grenoble Int. Symposium: Heating of Toroidal Plasmas
T. Consoli, CEA, Centre d'Etudes Nucléaires de Grenoble, B.P. 85, Centre de Tri, F-38041 Grenoble Cedex
- 3-7 July** York, UK
4th International Meeting on Nuclear Magnetic Resonance Spectroscopy
John F. Gibson, The Chemical Society, Burlington House, London W1V 0BN
- 3-8 July** Cannes, France
11th Int. Symposium on Rarefied Gas Dynamics
F.M. Devienne, Laboratoire de Physique Moléculaire des Hautes Energies, B.P. No. 2, F-06530 Peymeinade
- 4-7 July** London, UK
7th Int. Cryogenic Engineering Conf. and Exhibition
ICEC 7 Secretariat, The Institute of Physics, 47 Belgrave Square, London SW1X 8QX
- 10-14 July** Munich, FRG
10th EGAS Conf. on Atomic Spectroscopy
H. Walther, Sektion Physik, Universität München, Am Coulombwall 1, D-8046 Garching
Ab: 1.5.78 / NP
- 17-21 July** Paris, France
1978 Int. Conference on Luminescence
Daniel Curie, Laboratoire de Luminescence, Université Paris VI, 4 place Jussieu, F-75230 Paris Cedex 05
A: 15.7.77 / Ab: 28.2.78 / PP / 700 / English, French / US \$ 50.—
- 19-21 July** Swansea, UK
Marine Applications to Materials
The Meetings Officer, The Institute of Physics, 47 Belgrave Square, London SW1X 8QX
- 24-28 July** Rouen, France
Int. Conf.: Conduction and Breakdown in Dielectric Liquids
J.P. Berthelot, ESSO S.A.F. Research Centre, POB 6, F-76130 Mont-Saint-Aignan
Ab: 30.7.77 / PP: 30.11.77 / 150 / English, French
- August** Lyngby, Denmark
IUTAM Symposium: Physics and Mechanics of Ice
P. Tryde, Technical University of Denmark, DK-2800 Lyngby
- August** 2nd European Study Conf. on Low Energy Molecular Collisions (MOLEC)
U. Buck, Abt. Atom- und Molekül-Physik, Max-Planck-Inst. f. Strömungsforschung, Böttingerstr. 434-8, Postfach 867, D-3400 Göttingen
- 1-9 Aug.** Toronto, Canada
9th Int. Congress on Electron Microscopy
Secretariat, 9th Int. Congress on Electron Microscopy, Banting Institute, 100 College Street, Toronto, Ont. M5G 1L5
- 3-12 Aug.** Warsaw, Poland
11th Int. Congress of Crystallography
J. Auleytner, IPAN, Al. Lotnikow 32/46, PL - 02-668 Warsaw
PP / English, German, French, Russian / IUCr / US \$ 90.—
- 7-12 Aug.** Uppsala, Sweden
4th European Regional Astronomy Meeting
B. Westerlund, Astronomical Observatory, Box 515, S-75120 Uppsala
400 / IAU
- 10-14 Aug.** Toronto, Canada
6th Int. Heat Transfer Conference
R.W. Dolan, Exec. Secretary, 6th Int. Heat Transfer Conf., c/o National Research Council of Canada, Ottawa, Ont., Canada K1A 0R6
Ab: 1.4.77
- 14-17 Aug.** Blindern, Norway
Solar Prominences and Their Environments
E. Jensen, Institute of Theoretical Astrophysics, University of Oslo, POB 1029, Blindern, Oslo 3
100 / inv. / English, French / IAU
- 17-22 Aug.** Riga, USSR
6th Int. Conf. on Atomic Physics
R. Damburg, Physics Institute, Latvian Academy of Sciences, 229021 Riga - Salaspils 1
PP / 350 / inv. / English, Russian / IUPAP
- 20-25 Aug.** Dublin, Ireland
3rd Euroanalysis Conference
Euroanalysis III, Institute for Industrial Research and Standards, Ballymun Road, Dublin 9
Ab: 28.2.78
- 20-25 Aug.** San Diego, CA, USA
Intersociety Energy Conversion Engineering Conf. Technical Activities Board, IEEE, 345 E. 47th Street, New York, NY 10017
- 21-24 Aug.** Prague, Czechoslovakia
8th Int. Symposium: IMEKO Technical Committee on Photon-Detectors
Miroslav Jedlicka, TESLA-VUVET, Nademlynska 600, CS-18072 Praha 8 — Hloubetin
PP / 80
- 21-26 Aug.** Tallinn, USSR
20th Congrès Ampère
E. Lippmaa, Institute of Cybernetics, Estonian Academy of Sciences, Tallinn 200001
- 23-29 Aug.** Grenoble, France
LT 15 - 15th Int. Conf. on Low Temperature Physics
M.R. Tournier, CRTBT, CNRS, 166X
F-38042 Grenoble Cedex
- 23-30 Aug.** Tokyo, Japan
19th Int. Conf. on High Energy Physics
G. Takeda, Faculty of Sciences, Tohoku University, Aza-aoba, Aramaki, Sendai 980
IUPAP
- 24-30 Aug.** Graz, Austria
8th Int. Conf. on Few Body Systems and Nuclear Forces
H. Zankel, Universitätsplatz 5, A-8010 Graz
A: 1.9.78 / P: 1.6.78 / 300 / inv. / English
- 28 Aug.-1 Sept.** Kyoto, Japan
Int. Conf.: Applications of Mössbauer Effect
K. Ono, University of Tokyo, Roppongi, Tokyo 106
- 30 Aug.-1 Sept.** College Park, MD, USA
IAU Colloquium on High Angular Resolution Stellar Interferometry
J. Davis, Chatterton Astronomy Department, University of Sydney, 2006 NSW, Australia
IAU
- 30 Aug.-1 Sept.** Southampton, UK
Recombination in Semiconductors
- 30 Aug.-2 Sept.** Grenoble, France
3rd Int. Conf. on Electronic Structure of Actinides
J.M. Fournier, DRF-CENG, F-38041 Grenoble Cedex
A: May 1978 / PP: 15.7.78 / 100 / English, French, German / FF 600.—
- September** Oxford, UK
Applications of Image Analysis
D.J. Stanley, B 521, AERE Harwell, OX11 0RA
- September** Vienna, Austria
IAU Colloquium: Modern Astrometry
C.A. Murray, Royal Greenwich Observatory, Hailsham, East Sussex BN27 1RP, UK
PP / 100 / inv. / IAU (under consideration)
- 3-9 Sept.** Kyoto, Japan
6th International Biophysics Congress
Fumio Oosawa, Sec. Gen., Dept. of Biophysical Engineering, Osaka University, Toyonaka, Osaka 560
- 4-7 Sept.** St. Pierre de Chartreuse, F
Physique des Terres Rares à l'Etat Métallique
R. Lemaire, Laboratoire de Magnétisme CNRS, 166X, F-38042 Grenoble Cedex
A: July 1978/P: 30.6.78/100/inv./FF 250.—
- 4-8 Sept.** Edinburgh, UK
14th Int. Conf. on the Physics of Semiconductors
- 10-17 Sept.** Madrid, Spain
Congress of International Commission for Optics
J. Bescos, Sociedad Española de Óptica, Serrano, SP-121 Madrid
- 11-15 Sept.** Oxford, UK
Applications of High Magnetic Fields in Semiconductor Physics
- 11-15 Sept.** Loughborough, UK
4th Int. Thin Films Congress - Properties of Thin Films in Relation to Their Structure
C.J. Todd, Post Office Research Centre, Martlesham Heath, Ipswich, IP5 7RE
PP / 600
- 11-15 Sept.** UK
5th Int. Conf.: Gas Discharges
IEE Conf. Dept., Savoy Place, London WC2R 0BL
Ab: 8.11.77 / P: 10.4.78

12-14 Sept. Paris, France
Colloque: Equipements de Photogrammétrie Analytique et de Télédétection
A. Fontanel, 4 ave. du Bois Préou,
F-92502 Rueil-Malmaison

12-15 Sept. Groningen, NL
FLOMEKO 1978 - IMEKO Congress on Flow Measurement
FLOMEKO 1978, POB 19, Groningen
Ab: 1.6.77 / PP: 31.12.77 / 300

13-15 Sept. Braunschweig, FRG
Int. Conf.: Measurement of Force and Mass
VDI/VDE-Gesellschaft Mess- und Regelungstechnik,
Postfach 1139, D-4000 Düsseldorf
Ab: 30.9.77

18-22 Sept. Upton, L.I.
3rd Int. Symposium on Neutron Capture Gamma Ray Spectroscopy and Related Topics
R.E. Chrien, Department of Physics, Brookhaven National Laboratory, Upton, L.I., NY 11973
200 / inv.

19-22 Sept. 4 Bristol, UK
8th European Conf. on Macromolecules: Structural Aspects common to Synthetic and Biological Macromolecules (incl. Methods of Examination)
A. Keller, H.A. Wills Physics Laboratory, Bristol BS8 1TL
NP / 120

20-23 Sept. Bath, UK
Optics '78
The Meetings Officer, The Institute of Physics, 47 Belgrave Square, London SW1X 8QX

25-29 Sept. York, UK
Fourth EPS General Conference: Trends in Physics
EPS 4, University of York, Heslington, York YO1 5DD or:
EPS Secretariat, P.O. Box 39, CH-1213 Petit-Lancy 2, Switzerland

25-29 Sept. 4 Harwell, UK
Neutron Physics and Nuclear Data
Basil Rose, Nuclear Physics Division, H.8, AERE, Harwell, OX11 0RA

18-20 Oct. Washington, DC, USA
Symposia: Nuclear Science; Scintillation and Semiconductors; Nuclear Power Systems
Louis Costrell, US Department of Commerce, National Bureau of Standards, Washington, DC 20234

23-25 Oct. Lake Buena Vista, FL, USA
Frontiers of Education
E.R. Chenette, Dept. of Electrical Engineering, Univ. of Florida, Gainesville, FL 32611
500

30 Oct.-3 Nov. San Francisco, USA
Annual Meeting: Optical Society of America
J.W. Quinn, Optical Society of America, 2000 L Street, N.W., Suite 620, Washington, DC 20036

30 Oct.-4 Nov. USA
Meeting of Plasma Physics Division (APS)
American Physical Society, 335 E. 45th Street, New York, NY 10017

14-17 Nov. Cleveland, Ohio, USA
Magnetism and Magnetic Materials
J.B. Blade, R & D Center, Addressograph-Multigraph, 19701 South Mile Road, Warrenville Heights, OH 44128

27 Nov.-1 Dec. Hamilton, New Zealand
IAU Colloquium: Changing Trends in Variable Star Research
F.M. Bateson, 18 Pooles Road, Greerton, Tauranga 100 / inv. / IAU

4-6 Dec. Washington, DC, USA
Int. Electron Devices Meeting
Technical Activities Board, IEEE, 345 E. 47th Street, New York, NY 10017

5-8 Dec. Wellington, New Zealand
Asian-South Pacific Regional Meeting in Astronomy
B.M. Lewis, P.O. Box 2909, Wellington, NZ
NP / 150 / English, French / IAU

27-29 Dec. Los Angeles, USA
General Meeting of American Physical Society
American Physical Society, 335 E. 45th Street, New York, NY 10017

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3-5 Jan. Coventry, UK
16th Annual Solid State Physics Conference
The Meetings Officer, The Institute of Physics, 47 Belgrave Square London SW1X 8QX

12-14 March San Francisco, USA
Particle Accelerator Conference
Technical Activities Board, IEEE, 345 E. 47th Street, New York, NY 10017

26-29 March Cambridge, UK
2nd European Surface Science Conf. (ECOSS2)
P.M. Williams, V.G. Scientific Ltd., Imberhorne Lane, East Grinstead, Sussex, RH19 2HR

9-12 April Enschede, NL
2nd Int. Symposium: Incoherent Light Sources
A.H.C. van Meijgaard, Dept. of Applied Physics, Twente University of Technology, POB 217, Enschede

7-11 May Hamburg, FRG
2nd European Nuclear Conference (ENC 79)
Geschäftsstelle, Kerntechnische Gesellschaft, Deutsches Atomforum e.V., Allianzplatz 10, D - 5300 Bonn 1

12-16 June Stuttgart, FRG
6th Int. Conf. on Solid Compounds of Transition Elements
H. Schulz, Max-Planck-Institut für Festkörperforschung, POB 800665, G-7000 Stuttgart 80
A: Feb. 79 / P: 1.12.78 / 250 / English / Sfr. 150.—

19-22 June Bergen, Norway
Neutrino 79
Cecilia Jarlskog, Dept. of Physics, University of Bergen, N-5014 Bergen

1-6 July Cambridge, UK
21st Colloquium Spectroscopicum Internationale
W.J. Price, Pye Unicam Ltd., York Street, Cambridge, CB1 2PX

17-20 July New York, USA
Int. Magnetism and Magnetism and Magnetic Materials Conf. (INTERMAG and M3)
Paul Shumate, Bell Laboratories, Murray Hill, NJ 07974
PP / 800

Schools 1977

20 June-8 July 4 Nathiagali, Pakistan
Physics and Contemporary Needs
International Centre for Theoretical Physics, POB 586, I-34100 Trieste, Italy

26 June-5 July Erice, Italy
* International School of Physics for Industry: Imaging and Display Devices

27 June-9 July Erice, Italy
Invariant Wave Equations
G. Velo, Istituto di Fisica 'A. Righi', Via Ippolito Nievo 46, I-40126 Bologna
A: 2.5.77 / US \$ 240.—

27 June-9 July Varenna, Italy
* Physics of Magnetic Garnets

1 July-30 Sept. Trieste, Italy
* Research Workshop on Solid State Physics

4-8 July Uxbridge, UK
* Principles of Light Microscopy

4-8 July Udine, Italy
Applications of Functional Analysis to Mechanics
International Centre for Mechanical Sciences, Palazzo del Torso, Piazza Garibaldi 18, I-33100 Udine

4-15 July Cambridge, UK
* The Scientific Basis of Flocculation

4-15 July Culham, UK
* 1977 Culham Plasma Physics Summer School

4-15 July London, UK
* Health Physics Summer School 1977

4-23 July Cargèse, Corsica, France
* Hadron Structure and Lepton-Hadron Interactions

4 July-19 Aug. Les Houches, France
Nuclear Physics with Mesons and Heavy Ions
Ecole d'Eté de Physique Théorique, F-74310 Les Houches
A: 15.3.77/50/FF 2000.—

6 July-18 Aug. Trieste, Italy
* Summer College: Teaching of Physics at Tertiary Level

7-23 July Orléans-La-Source, France
* Strongly Coupled Plasmas

9-20 July Erice, Italy
Int. School of Astrophysics: Infrared Astronomy
G. Setti, Laboratorio di Radio-Astronomia, Istituto di Fisica, Via Ippolito Nievo 46, I-40126 Bologna
A: 25.5.77 / PP / 90 / inv. / US \$ 250.—

10-16 July Durham, N.H., USA
* 3rd International Summer School on Crystal Growth

11-15 July Uxbridge, UK
* Photomicrography and Microscopy of Materials

11-15 July Udine, Italy
Fracture and Crack Propagation Theory
International Centre for Mechanical Sciences, Palazzo del Torso, Piazza Garibaldi 18, I-33100 Udine

11-16 July Tübingen, FRG
* Int. Summer School: Groups and Many-Body Physics

11-22 July Cambridge, UK
* Energy Sources and Emission Mechanisms in Quasars

11-22 July 4 Stanford, CA, USA
* SLAC Summer Institute on Particle Physics: Quark Spectroscopy and Hadron Dynamics

11-22 July Udine, Italy
The Information Theory Approach in Communication
International Centre for Mechanical Sciences, Palazzo del Torso, Piazza Garibaldi 18, I-33100 Udine

11-23 July Varenna, Italy
* Weak Interactions

11-29 July Breaux-sans-Nappe, France
* Microprocesseurs et Applications

15-30 July Versilia, Italy
* Coherence in Spectroscopy and Modern Physics

17-24 July Lanslebourg-Mt.Cenis, F
Ecole d'Eté d'Astronomie
Mlle L. Gouguenheim, Radioastronomie, Section d'Astrophysique, Observatoire de Paris, F-92190 Meudon

17-30 July Antwerp, Belgium
* Path Integrals and their Applications in Quantum and Statistical Physics

18-29 July Reading, UK
2nd European Optics Summer School: Introductory Course in Applied and Modern Optics for Non-Specialists
John Macdonald, J.J. Thomson Physical Laboratory, The University Whiteknights, Reading

19-29 July Louvain-la-Neuve, Belgium
* Process and Device Modelling for Integrated Circuit Design

23 July-10 Aug. Erice, Italy
The WHYs of Subnuclear Physics
Miss M. Zaini, Int. School of Subnuclear Physics, CH-1211 Geneva 23, Switzerland
A: 20.6.77 / Sfr. 1000.—

25-29 July Loughborough, UK
* Polarized Light Microscopy

25 July-1 Aug. Denver, CO, USA
Course on Applied X-Ray Spectrometry and X-Ray Powder Diffraction
Mildred Cain, Denver Research Institute, University of Denver, Denver, CO 80208

25 July-6 Aug. Varenna, Italy
* Problems in the Foundations of Physics

31 July-20 Aug. St. Andrews, UK
* Scottish Universities Summer School on Physics - Nuclear Structure

31 July-28 Aug. Uppsala/ Smedjebacken, S
* Int. Summer Institute: Quantum Chemistry and Solid State Physics
Part I (Introductory): Uppsala 31.7-13.8
Part II (Advanced): Smedjebacken 14-28.8

* For full details please see March 1977 issue of *Europhysics News*

- 1-13 Aug.** Istanbul, Turkey
* Nonlinear Equations in Physics and Mathematics
- 2-12 Aug.** Waterloo, Ont., Canada
Engineering Plasticity by Mathematical Programming
M.Z. Cohn, Dept. of Civil Engineering, University of Waterloo, Waterloo, Ont.
A: 1.5.77 / PP / 70 / inv.
- 8-20 Aug.** Darlington, UK
Communication Systems, Random Process Theory
J.K. Skwirzynski, GEC-Marconi Research Labs., Gt. Baddow, Chelmsford CM2 8HN
A: 30.6.77 / Ab: 31.12.76 / P: 31.3.77 / 100
- 11-20 Aug.** Erice, Italy
The Meaning of Culture — an International Seminar inv.
- 14-26 Aug.** Kasteel Nijenrode, NL
Nuclear Spectroscopy
P.W.M. Glaudemans, Sorbonnelaan 4, Utrecht 100 / hFl. 700.—
- 20-28 Aug.** Castle Liblice nr. Prague, CS
On-Line Computing in the Physical Laboratory
J. Nadřchal, Institute of Solid State Physics, Czechoslovak Academy of Sciences, Cukrovarnická 10, CS-16253 Praha 6
A: 31.3.77 / NP / 120 / Sfr. 200.—
- 21 Aug.-3 Sept.** Cargèse, Corsica, France
Geophysics Summer School: Dynamics of Earth's Interior
C. Froidevaux, Université Paris Sud, Laboratoire de Physique des Solides, F-91405 Orsay
NP / 60 / inv.
- 21 Aug.-3 Sept.** Cambridge, UK
* Molecular Physics of Liquid Crystals
- 22 Aug.-2 Sept.** Wayzata, MN, USA
Correlation Functions and Quasiparticle Interactions
J.W. Halley, Physics Department, University of Minnesota, Minneapolis, MN 55455
A: 1.7.77 / Ab: 15.3.77 / PP: 15.6.77 / 65 / US \$ 350.— (all incl.)
- 24 Aug.-4 Sept.** Erice, Italy
General Relativistic Effects in Physics and Astrophysics
R. Ruffini, Princeton University, Dept. of Physics, POB 708, Princeton NJ 08540, USA
- 25 Aug.-3 Sept.** Banff, Alberta, Canada
Summer Institute on Particles and Fields
Local Organizing Committee, Dept. of Physics, University of Alberta, Edmonton, Alberta, Canada, T6G 2J1
A: 31.5.77 / US \$ 40.—
- 28 Aug.-10 Sept.** Ghent, Belgium
Electron and Ion Spectroscopy
W. Dekeyser, Laboratorium voor Kristallografie en Studie van de Vaste Stof, Krijgslaan 271, B-9000 Ghent
A: 15.6.77 / 75
- 28 Aug.-10 Sept.** Corsica, France
* Microscopic Structure and Dynamics of Liquids
- 30 Aug.-12 Sept.** Mikolajki, Poland
* 10th Summer School in Nuclear Physics: Nuclear Structure and Nuclear Reactions
- 1-10 Sept.** Florence, Italy
Ecole d'été méditerranéenne - Structure des Surfaces et Adsorption
M. Bourg, Laboratoire Chimie Théorique, U.E.R. de physique, Université de Provence, F-13331 Marseille Cedex 3
English, French, Italian / FF 1000.—
- 1-10 Sept.** Belgrade, Italy
* Vibrational Intensities in Infrared and Raman Spectroscopy
- 1-14 Sept.** Namur, Belgium
* Electronic Structure and Properties of Polymers
- 1-16 Sept.** Varenna, Italy
Theory of Magnetically Confined Plasmas
Course (1-10) Workshop (10-16)
Dr. R. Pozzoli, Istituto di Fisica, Via Celoria 16, I-20133 Milan
A: 30.6.77 / 80 / US \$ 200.— (150.— Course only)
- 4-17 Sept.** Frascati, Italy
Molecular Structure and Dynamics
M.S. Child, Dept. of Theor. Chemistry
Oxford OX1 3TG, UK
- 5-16 Sept.** Erice, Italy
* Teaching Crystallography for Today's Sciences
- 5-17 Sept.** Liège, Belgium
* Representations of Lie Groups and Harmonic Analysis
- 6-24 Sept.** Trieste, Italy
4th Course on Solar Energy Conversion
International Centre for Theoretical Physics, POB 586, I-34100 Trieste
A: 30.6.77
- 11-21 Sept.** Pugnoli, Italy
* Valence Shell in Inorganic Molecules and Solids
- 11-22 Sept.** Leicester, UK
The Physics of Disordered Matter
C. Norris, Dept. of Physics, University of Leicester, Leicester LE1 7RH
- 11-24 Sept.** Urbino, Italy
* Molecular Structure and Dynamics
- 12 Sept.-1 Oct.** Udine, Italy
New Trends and Specific Application of Dynamic System Theory (12-23.9)
Applications of Dynamical System Theory, Numerical Methods in Engineering (UNESCO, 12.9-1.10)
International Centre for Mechanical Sciences, Palazzo del Torso, Piazza Garibaldi 18, I-33100 Udine
- 13-23 Sept.** Maria Laach, FRG
Herbstschule für Hochenergiephysik
J.K. Bienlein, DESY, Notkestieg 1, D-2000 Hamburg 52
A: 6.5.77 / Ab: 30.6.77 / PP / 50 / German / DM 200.— (full board)
- 14-24 Sept.** Jadwisin, Poland
Int. Summerschool in Statistical Mechanics
NUFFIC, 27 Molenstraat, The Hague, NL or: W. Fiszdun, Polish Academy of Sciences, 21 Swietokrzyska, Warsaw
A: 15.4.77 / 70 / English / US \$ 225.— (all incl.)
- 18 Sept.-2 Oct.** Kupari, Yugoslavia
Seminar on New Approaches to the Teaching and Learning of Physics
H. Braun, Division des Hautes Energies, Centre de Recherches Nucléaires, 23 rue du Loess, F-67037 Strasbourg-Cedex
A: 1.5.77 / 80 / Sfr. 650.—
- 19-29 Sept.** Louvain-la-Neuve, Belgium
Process and Device Modelling for Integrated Circuit Design
F. Van de Wiele, Bâtiment Maxwell, B-1348 Louvain-la-Neuve
A: 30.4.77 / 70
- 26-30 Sept.** Udine, Italy
Electromagnetic Interactions in Elastic Solids
International Centre for Mechanical Sciences, Palazzo del Torso, Piazza Garibaldi 18, I-33100 Udine
- 26-30 Sept.** Cambridge, UK
Scanning Electron Microscopy for Biologists and Materials Scientists
Administrator, RMS, 37-38 St. Clements, Oxford OX4 1AJ
- 26 Sept.-1 Oct.** Lake Balaton, Hungary
3rd Int. Summer School on Vacuum Physics: Interaction of Charged Particles-Molecules and Condensed Matter at Low Pressures
Mrs. E. Nagy, Roland Eötvös Physical Society, Anker köz 1, POB 240, H-1368 Budapest
Ab: 31.3.77 / PP / 100 / inv. / English / Sfr. 300.— incl.
- 26 Sept.-26 Oct.** Udine, Italy
UNESCO Int. Seminar: Thermomechanics of Magnetic Fluids
International Centre for Mechanical Sciences, Palazzo del Torso, Piazza Garibaldi 18, I-33100 Udine
- 27 Sept.-2 Dec.** Trieste, Italy
Autumn Course on the Physics of the Earth
International Centre for Theoretical Physics, POB 586, I-34100 Trieste
A: 30.6.77
- 3-7 Oct.** Udine, Italy
Thermomechanics of Magnetic Fluids
International Centre for Mechanical Sciences, Palazzo del Torso, Piazza Garibaldi 18, I-33100 Udine
- 9-21 Oct.** Erice, Italy
Int. School of Energetics: Topics in Energy Technology
F. Amman, Istituto di Fisica Applicata dell'Università, V.A. Bassi 6, I-27100 Pavia
- 17-21 Oct.** Paris, France
Utilisation de la Pompe à Chaleur
Inst. Français des Combustibles et de l'Energie, 3, rue Henri Heine, F-75016 Paris
French / FF 2800.—
- 25 Oct.-1 Nov.** Erice, Italy
Biophysics: Neural Development
A. Borsellino, Laboratorio di Cibernetica e Biofisica, Corso Mazzini 20, I-16032 Camogli
- November** Rio de Janeiro, Brazil
1977 IAU-UNESCO School for Young Astronomers
L.M. Barreto, Obs. Nacional, Rua General Bruce 586, Sao Cristovao, Rio de Janeiro
A: 31.5.77 / 50
- 26 Nov.-16 Dec.** Trieste, Italy
Workshop: Boundary Value Problems for Ordinary Differential Equations and Applications
International Centre for Theoretical Physics, POB 586, I-34100 Trieste
A: 15.6.77
- December** Erice, Italy
Interdisciplinary Seminar: Science and Culture inv.
- 29 Dec.-10 Jan. 1978** Erice, Italy
Highly Specialized Seminar: Computational Geometry
G. Preparata, CERN, CH-1211 Geneva 23, Switzerland

1978

- 17 Jan.-10 March** Trieste, Italy
Winter Courses: Nuclear Physics and Reactors
Part I: Nuclear Theory for Applications (17.1-10.2)
Part II: Reactor Theory and Power Reactors (13.2-10.3)
International Centre for Theoretical Physics, POB 586, I-34100 Trieste
A: 15.10.77
- 29 March-24 June** Trieste, Italy
Spring College: Physics of Modern Materials
International Centre for Theoretical Physics, Miramare, POB 586, I-34100 Trieste
A: 15.12.77
- 16-20 April** Salford, UK
School on Luminescence
D. Irish, Pye Unicam Ltd., York Street, Cambridge CB1 2PX
- 28 May-10 June** Jadwisin, Poland
The 1978 CERN School of Computing
Ingrid Barnett, Scientific Conference Secretariat, CERN, CH-1211 Geneva 23, Switzerland
- 4-17 June** nr. Utrecht, NL
The 1978 CERN School of Physics (in collaboration with Dutch Physical Society NNV)
Miss D.A. Caton, Scientific Conference Secretariat, CERN, CH-1211 Geneva 23, Switzerland
- 6-20 Sept.** Varenna, Italy
Diagnostics for Controlled Fusion Experiments
E. Sindoni, Istituto di Fisica, 16 Via Celoria, I-20133 Milan

Editor: E.N. Shaw

Meetings Compilation: W.S. Newman

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All correspondence to:
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