School Places

Further places have been made available to the EPS at the various Erice International Schools in 1977 by the Ettore Majorana Centre. The Schools of particular relevance to physicists are listed in date order in the second section of this issue. Places are open to all mature physicists, irrespective of country of origin, although priority will be given to EPS members. Application forms are available on request from the EPS Secretariat. Successful applicants will be expected to take care of their own travel arrangements but all charges at the Schools including course fees and lodging will be paid by the Centre.

Guide to Entries

on Conferences and Schools

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

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 dead-line 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.
Conferences 1977

28 March-1 April 1977
Paris, France
Int. Symposium: Electronics + 5
Secretary du Collège, 17, rue Hamelin,
F-75783 Paris Cedex 18

- 5 April
IBM Conference Department, Savoy Place,
London WC1R 0BL
4-7 April
Lille, Belgium
ICPS77: Int. Computing Symposium 1977:
Computing s Many Facets
D. Hirschi, ICPS77 Symposium Chairman,
C/o IBM ESRI, Chaussee de Bruxelles 135,
B-1130 La Hulpe
Ab: 15.9.76/PP: 1.1.77

5-6 April
Magnetic Resonance in Conductors
G.A. Styles, Physics Dept., University of Warwick,
Coventry

5-9 April
Trieste, Italy

11-15 April
Miramar, Trieste, Italy
Meeting of the International Fusion Research Council
International Centre for Theoretical Physics,
POB 586, I-34100 Trieste
Ab: 1.2.77/IFICAP

14-15 April
Edinburgh, UK
3rd Int. Conf. on Targets Comody
G.D. Holah, Physics Department, Heriot-Watt
University, Riccarton, Edinburgh EH14 4AS

14-15 April
Lausanne, Switzerland
Führtungstag der Schweizerischen Physikalischen
Gesellschaft
Sekretariat der SPG, Schönberggasse 9
CH-8001 Zurich
Ab: 16.2.77

15-16 April
Hamilton, NY, USA
International Symposium on Electronics + 5

18-20 April
St. Louis, Missouri, USA
5th Int. Conf. on Chemical and Molecular Lasers
W.G. Jeffers, Helios Inc., P.O. Box 2190 Boulder,
CO 80302

18-22 April
Palos Verdes, CA, USA
Symposium: Society of Photo-Optical
Instrumentation Engineers

18-22 April
Kiev, USSR
4th National Soviet Conference on Neutron Physics
M.P. Vasilenko, Institute for Nuclear Research,
Prospect Nauki 119, Kiev, USSR 25028
Ab: 1.12.76

18-22 April
Noordwijkerhout, NL
6th Int. Symposium on Molecular Beams
A.E. de Vries, FOM-lnstitute for Atomic and
Molecular Physics, Kruislaan 407, Amsterdam

18-22 April
Germany
Gaussig nr. Dresden, GDR
7th Int. Symposium: Electronic Structure of
Metals and Alloys
Prof. Dr. P. Ziesche, Technische Universität, Sektion
Physik, Mommsenstr. 13, DDR 02072 Dresden
PP/10

19-21 April
New York, USA
Electro77
W.C. Weber, Jr., Electro, 999 N. Sepulveda Blvd.
El Segundo, CA 90245
P: 23.7.76

19-21 April
Boston, Mass., USA
Int. Symposium: Society for Information Display
C.J. Gerritsma, Philips Research Laboratories,
Elsinore, Denmark

19-21 April
Jerusalem, Israel
3e Congrés International de l'Electrostatique
Society de Chimie Industrielle, 28, rue St. Dominiqne,
F-75007 Paris
Ab: 30.6.76/P: 31.1.77/FF 550.

27-30 April
Granoble, France
3e Congrès International de l'Electrostatique
Society de Chimie Industrielle, 28, rue St. Dominiqne,
F-75007 Paris
Ab: 30.6.76/P: 31.1.77/FF 550.

27-30 April
Paris, France
International Symposium: Circuits and Systems
W.G. Howard, Motorola Integ. Circuits Ctr., MS MR,
POB 20905, Phoenix, Arizona 85036

28-29 April
Washington, D.C., USA
American Physical Society — General Meeting
American Physical Society, 335 E. 45th Street,
New York, NY 10017
Ab: 28.1.77

26-28 April
San Diego, CA, USA
22nd SMPAC Symposium and Exhibition
Marge Smith, SMPAC, P.O. Box 613, Azusa,
CA 91702

27-29 April
Elsdene, Denmark
3rd European Experimental Nuclear Magnetic
Resonance Conf.
3rd EENCE, The Roskilde Institute, University of
Copenhagen, Universitetsparken 5,
DK-2100 Copenhagen

28 April-6 May
La Baule, France
Wave Electronics in Non-Ionized Media
E. Khurd, Radio Propagation Division, Research
Institute of National Defense, Div. 3,
St. John Stockholm 80, Sweden
Ab: 15.10.76/URSI

1-6 May
Los Angeles, USA
30th Annual Conference of the Society of Photo-
graphic Scientists and Engineers
Robert H. Wood, Society of Photographic Scientists
and Engineers, 1330 Massachusetts Ave., N.W.,
Washington, DC 20005
Ab: 14.1.77/P: 25.2.77/US $ 105.—

3-8 May
Venice, Italy
Eurocon 77-Communications
European Conference on Electrotechnics
VDE Zentralstelle Tagungen, Stresemannallee 21
D-6 Frankfurt/Main 70, FRG

5-9 May
Varna, Bulgaria
Spinor Time Absolute
Stefan Marinov, Laboratory for Fundamental Physical
Problems, ul. Elin Polin 22, Sofia 1421

9-12 May
Cavtat, Yugoslavia
OTransport Properties of Normal Metals and
Alloys well below 1K
Emil Bacic, Institute of Physics of the University,
Bijenrocsa 46, POB 304,
VU-41001 Zagreb
A: 31.3.77/Ab: 13.7.77/80/inv./
English/SLr. 120.—

10-12 May
Strasbourg, France
4th Int. Colloquium on Analytical Methods with
X-Rays
P. Pomm, C.G.R., Recherche st Industrie, B.P. No. 3,
F-91331 Issy-les-Moulis

10-12 May
Gaithersburg, Md., USA
7th Symposium on Thermophysical Properties
R.B. Johnson, B348 Material Building, National
7th Symposium on Thermophysical Properties
R.B. Johnson, B348 Material Building, National
Institute of Standards, Washington, DC 20234
Ab: 1.11.76/P: 1.4.77

11-12 May
London, UK
The Evaluation and Calibration of Ultrasonic
Transducers
The Meetings Officer, The Institute of Physics,
47 Belgrave Square, London SW1X BOX
Ab: 15.11.76

16-18 May
Arlington, USA
Electronic Components
Charlies M. Tapp, Sandia Laboratories, Dept. 2150,
Albuquerque, NM 87115

16-18 May
Strasbourg, France
Energetique et Thermique de L’Homme dans son
Environnement
Secretary: Centre de CoUege, S.F.T. 1977, attt. J.J. Vogt,
Cité des Etudes Bioclimatiques du CNRS,
21 rue Becquerel, F-67087 Strasbourg Cedex
A: 18.7.77/French/FF 800.

17-20 May
Grasemak, USA
The Study of Macromolecules by Nuclear Magnetic
Resonance (Euchem Conf.)

18-20 May
Ann Arbor, Mich., USA
7th Annual Absorption Spectroscopy Conf.
Duncan Steel, Rm 2250, G.G. Brown Laboratory,
Dept. of Nuclear Engineering, University of Michigan,
Ann Arbor, MI 48109

18-20 May
 Minneapolis, USA
Historical Nuclear Physics
R.H. Stuewer, School of Physics and Astronomy,
U. of Minnesota, Minneapolis, MN 55455

19-21 May
New Haven, USA
The Evolution of Galaxies and Stellar Populations
B.M. Tinsley, Yale University Observatory, Box 2023,
Yale Station, New Haven, CT 06520
27 June-1 July  
Poitiers, France  
Congrès de la Société Française de Physique  
G. Grilhe, Secrétaire du Congrès  
SFP, Lab. de Métallurgie Physique,  
40 av. du Recteur Pineau,  
F-86022 Poitiers  
Ab: 15.3.77

27 June-1 July  
Palaiseau, France  
3rd Int. Congress on Waves and Instabilities  
in Plasmas  
T.D. Mantei, Laboratoire P.M.I. Ecole Polytechnique,  
F-91120 Palaiseau  
A: 11.4.77/PP: 23.4.77/400/  
English/IUPAP, URSI/FF 200.—

29 June-30 June  
Edinburgh, UK  
7th Int. Conf. on Amorphous and Liquid Semiconductors  
Conference Secretariat,  
Consultancy and Liaison, University of Edinburgh,  
14 George Square, Edinburgh  
EH8 9JZ  
IUPAP

4-7 July  
Salford, UK  
Int. Dynamic Mass Spectrometry Symposium  
D. Price, Dept. of Chemistry and Applied Physics,  
Univ. of Salford, Salford M5 4WT, Greater Manchester  
Ab: 1.3.77

4-7 July  
Budapest, Hungary  
Conference on Particle Physics  
I. Monyaay, KFKI, P.O. Box 45,  
H-1525 Budapest 114  
P: 15.5.77/500  
Sfr. 160.— (IDOM), Sfr. 200.—(others)

4-9 July  
Madrid, Spain  
9th Int. Congress on Acoustics  
A. Larroza, Centro de Investigaciones Físicas,  
Serrano 144, Madrid 6  
IUPAP

5-7 July  
Salford, UK  
Int. Mass Spectrometry Symposium  
D. Price, Dept. of Chemistry and Applied Physics,  
Univ. of Salford, Salford M5 4WT, Greater Manchester  
Ab: 1.3.77

6-8 July  
Denton, Texas, USA  
7th Int. Conf. on Hot Electrons in Semiconductors  
D.G. Seiler, Physics Department, North Texas State University,  
Denton, TX 76203  
Ab: 1.3.77

11-12 July  
Limoges, France  
Round Table on Plasma Polymerization and  
Surface Treatment  
P. Fauchais, Congrès Chimie des Plasmas, Université  
de Limoges, Alléé André Maurois,  
F-87100 Limoges  
Ab: 5.1.77/15.5.77/IUPAP

11-14 July  
Oxford, UK  
International Conference on Physical Chemistry and Hydrodynamics  
Brian Spalding, Mechanical Engineering Dept.,  
Imperial College, Exhibition Road,  
London SW7 2AZ

11-14 July  
Seattle, USA  
11th Int. Shock Tube Symposium  
Avco Research Laboratory, University of  
Washington, Seattle, WA 98105  
Ab: 1.10.76

11-17 July  
Nottingham, UK  
Int. Conf. on High Energy Accelerators  
A.A. Logunov, USSR Academy of Science,  
14 Leninmsky Prospect, Moscow V-71

12-15 July  
Williamsburg, VA, USA  
1977 IEEE Annual Conf. on Nuclear and Space  
Radiation Effects  
H.L. Hughes, Code S216, Naval Research Laboratory,  
Washington, DC 20375  
Ab: 15.2.77/PP

13-15 July  
Porvoo, Finland  
Symposium on Microwave Diagnostics of Semi- 
conductors  
R. Pihlanto, Semiconductor Laboratory, Technical  
Research Centre of Finland, Otaksari 5,  
SF-2150 Espoo 15  
Ab: 15.5.77/31.7.77/PP: 15.6.77

13-15 July  
Nottingham, UK  
Processing, Structure, Properties and Performance of  
Polymers  
The Meetings Office, The Institute of Physics,  
47 Belgrave Square, London SW1X 8QX

12-15 July  
Cambridge, Mass., USA  
5th Symposium Simulation of Computer Systems  
W.R. Franta, Department of Computer Science,  
114 Lind Hall, University of Minnesota,  
Minneapolis, Minn. 55455  
Ab: 1.2.77/PP: 1.5.77

11-18 Aug.  
Oslo, Norway  
21st Scandinavian Congress of Physics  
E. Jensen, Institute of Theoretical Astrophysics,  
University of Oslo, P.O. Box 1029, Blindern  
Oslo, 3

11-18 Aug.  
Toronto, Canada  
Canadian Information Processing Society,  
212 King Street West, Suite 501, Toronto,  
Ontario M5H 1K5

11-18 Aug.  
Paris, France  
10th Int. Conf. of Physics, Electronic and Atomic  
Collisions (ICEPAC)  
Michel Barat, Laboratoire des Collisions Atomiques,  
Bat. 220, Université Paris-Sud,  
F-91405 Orsay Cedex

29 Aug.  
Boulder, CO, USA  
7th Int. Symp. on Carbon, Graphite, Fullerenes,  
and Related Materials  
K. D. Timmerhaus, Chairman, Planning Comm.,  
6th ARAPT Conf. Engineering Center AD-1 25,  
Univ. of Colorado, Boulder, CO 80309  
Ab: 15.7.77/IUPAP

29 Aug.  
Seattle, USA  
Electromagnetic Compatibility  
B.L. Carlson, Jr., The Boeing Co., POB 3029,  
Seattle, WA 98004

29 Aug.  
Leeds, UK  
3rd EPS Condensed Matter Division Conf.:  
Electron Transport - Molecular Solids  
The Meetings Office, The Institute of Physics,  
47 Belgrave Square,  
London SW1X 8QX

29 Aug.  
Prague, Czechoslovakia  
15th Czechoslovak Conf. on Electron Microscopy  
and Exposition  
Secretariat EM 77, Institute of Microbiology,  
Czechoslovak Academy of Sciences,  
Buteljevicka 1083, CS-14220 Prague 4

2-5 Aug.  
Boulder, CO, USA  
5th Symp. on Computer Sciences:  
Cryogenic Materials Conf. (ICMC)  
and Cryogenic Engineering Conf.  
Michael J. Hiza, Jr., Conf. Chairman, National Bureau of Standards,  
Boulder, CO 80302  
Ab: 1.3.77/P: 1.7.77

7-13 Aug.  
Waterloo, Ontario, Canada  
General Relativity 8  
M. McKiernan, Applied Mathematics Dept.,  
University of Waterloo, Waterloo, Ontario  
N2L 3GL

8-12 Aug.  
Toronto, Canada  
IFIP Congress  
Canadian Information Processing Society,  
212 King Street West, Suite 501, Toronto,  
Ontario M5H 1K5

8-12 Aug.  
Blindern, Norway  
Solar Prominences and Their Environments  
E. Jensen, Institute of Theoretical Astrophysics,  
University of Oslo, P.O. Box 1029, Blindern  
Oslo, 3

9-11 Aug.  
Boulder, CO, USA  
Optical Propagation through Turbulence, Rain and  
Fog  
Steven F. Clifford, Environmental Research  
Laboratories, NOAA, Boulder, CO 80302  
P: 20.4.77/US $ 50.—

9-11 Aug.  
Gaithersburg, MD, USA  
5th Symposium Simulation of Computer Systems  
W.R. Franta, Department of Computer Science,  
114 Lind Hall, University of Minnesota,  
Minneapolis, Minn. 55455  
Ab: 1.2.77/P: 1.5.77

11-18 Aug.  
Boston, MA, USA  
Joint Meeting of the Microbeam Analytical Society  
and Electron Microscopy Society of America  
P. Libin, Waltham Research Center, GTE Laboratories  
40 Sylvan Road, Waltham, MA 02154

11-18 Aug.  
Loma-Koli, Finland  
Symposium on the Foundations of Modern Physics  
V. Karimäki, Dept. of Nuclear Physics, University of  
Lappeenranta, S-80101 Lappeenranta

11-18 Aug.  
Leningrad, Russia  
International Cosmotron Conference  
A. Logunov, USSR Academy of Sciences,  
14 Leninskiy Prospect, Moscow V-71

11-18 Aug.  
St. Petersburg, USSR  
10th Int. Conf. on High Energy Accelerators  
A.A. Logunov, USSR Academy of Sciences,  
14 Leninskiy Prospect, Moscow V-71

11-18 Aug.  
Copenhagen, Denmark  
International Conference on the History of Physics  
E. Jensen, Institute of Theoretical Astrophysics,  
University of Oslo, P.O. Box 1029, Blindern  
Oslo, 3

11-18 Aug.  
Toronto, Canada  
Computing in the Physical Sciences  
P. Kramer, Institut für Theor. Physik, Auf der Morgen-  
stelle 14, D-7400 Tübingen

11-18 Aug.  
Cambridge, Mass., USA  
11th Int. Shock Tube Symposium  
M. McKiernan, Applied Mathematics Dept.,  
University of Waterloo, Waterloo, Ontario  
N2L 3GL

11-18 Aug.  
Boulder, CO, USA  
3rd EPS Condensed Matter Division Conf.:  
Electron Transport - Molecular Solids  
The Meetings Office, The Institute of Physics,  
47 Belgrave Square,  
London SW1X 8QX

12-18 Aug.  
Oslo, Norway  
International Conference on Magnetic Materials  
Gerd Jarrett, Institute for Atomslenki GBR, POB 40,  
N-2007 Kjeller

13-19 July  
Budapest, Hungary  
Conference on Particle Physics  
I. Monyaay, KFKI, P.O. Box 45,  
H-1525 Budapest 114  
P: 15.5.77/500  
Sfr. 160.— (IDOM), Sfr. 200.—(others)
Volume 2:
Work on
Atomic Physics
(1912-1917)
edited by ULRICH HOYER
1977 about 700 pages
Prepublication/Subscription price
during 1976: US $ 96.25/Dfl. 250.00
This volume deals with the years 1912-1917 when Bohr was at his most creative, conceiving revolutionary new ideas on absorption phenomena and on atomic and molecular physics. The published papers, extensive manuscript material and the correspondence from this period give some idea of the intensity of Bohr's concentration and the rigour of logic which led him to his conclusions. They also document the amazing amount of painstaking work he conducted single-handedly to consolidate the foundations of his theory and determine its consequences.


Volume 3:
The Correspondence Principle
(1918-1923)
edited by J. RUD NIELSEN
1976 x + 764 pages
Price: US $ 113.50/Dfl. 295.00
Subscription price: US $ 96.25/
Dfl. 250.00
Niels Bohr's contributions to our knowledge of the atomic constituents of matter and to our view of science and other concerns, remain of fundamental importance to all engaged in the vast discipline called "physics". The influence of his work, of his approach to research, both practical and theoretical, is widely felt today.

This is the fourth of eight books on the works of Niels Bohr, and covers the years from 1920 to 1923. The bulk of material resulting from his work during this period was so great that it was necessary to publish it in two separate volumes. Whilst the previous book - Volume 3 - deals primarily with the development of quantum theory this volume contains the papers and manuscripts treating the application of the theory to the problem of atomic structure, and the explanation of the periodic system of the chemical elements.


Volume 4:
The Periodic System
(1920-1923)
edited by J. RUD NIELSEN
1976 x + 764 pages
Price: US $ 113.50/Dfl. 295.00
Subscription price: US $ 96.25/
Dfl. 250.00
Previously published:
Volume 1:
Early Work
(1905-1911)
edited by J. RUD NIELSEN
1972 xlviii + 608 pages
Price: US $ 86.50/Dfl. 225.00
Subscription price: US $ 73.25/
Dfl. 190.00
This is the first volume of a comprehensive, critical edition of Niels Bohr's works. In addition to his published papers, it includes unpublished manuscripts and a wide selection of letters and other documents, with explanatory introductions and notes by the editor of each volume. A special feature of the Collected Works is that any documents originally written in languages other than English are presented in both the original language and in English.

A detailed brochure on NIELS BOHR, COLLECTED WORKS is available from the publisher. Please apply for full details on the subscription scheme.
14-16 Sept. Southampton, UK
3rd National Quantum Electronics Conference
D.C. Hanna, Department of Electronics, University of Southampton, Southampton, Hans 502 SNH
Ab: 23.5.77

18-22 Sept. Calgary, Canada
47th Annual International Meeting of the Society of Exploration Geophysicists
D.L. Yowell, Convening Manager, Society of Exploration Geophysicists, Box 3098, Tulsa OK 74101, USA

18-23 Sept. Leningrad, USSR
45th Int. Meeting on Ferroelectricity (IMF) A.
G.A. Smolensky, A.F. Ioffe Physico-Technical Institute, Academy of Sciences of the USSR, Polytekhnicheskaja, 194021 Leningrad 26
Ab: 30.4.77/P: Feb. 77/350/IUPAP

19-23 Sept. Tours, France
5th Colloquium on High Resolution Microscopic Spectroscopy
G. Amat, Lab. de Phys. Moléculaire et d’Optique Atomique, CNRS, Bât. 221, Campus d’Orsay, F-91405 Orsay Cedex

19-24 Sept. Warsaw, Poland
25th Congress of the Polish Physical Society
Cecylia Wesolowska, Institute of Physics, Technical University of Wroclaw, Wybrzeze Wyspianskiego 27 str., Wroclaw
PP/600/zl. 250.—

20-22 Sept. Odessa, USSR
Industrial Weighing (IMEKO) — 6th Int. Conf.
IMEKO Secretariat, POB 457, H-1371 Budapest, Hungary
Ab: 31.7.77/PP: 15.5.77/400/Sfr. 50.— (incl. proceedings)

20-22 Sept. Aberdeen, UK
Chemistry of the Upper and Lower Atmosphere
P. Meares, Dept. of Chemistry, The University, Meston Walk, Old Aberdeen AB9 2UE
A: Aug. 77/Ab: 1.4.77/PP

20-22 Sept. Durham, UK
Non-Linear Problems in Stress Analysis
The Meetings Officer, The Institute of Physics, 47 Belgrave Square, London SW1X BOX
Ab: 21.2.77/PP: 14.8.77

20-23 Sept. Dubna, USSR
Programming and Mathematical Methods for Solving Physical Problems
N.N. Govorun, Joint Institute for Nuclear Research, P.O.Box 79, Head Post Office, 101000 Moscow
120/inv.

20-23 Sept. Ulm, FRG
3rd European Solid State Circuits Conference (ESSCIRC 77)
VDE Zentralstelle Tagungen, Strassemannallee 21, D-6 Frankfurt/Main 70

20-23 Sept. Karlsruhe, FRG
41. Physikertagung 1977 (DPG)
DPG-Hauptgeschäftsstelle, Gostenstrasse 1-3, D-5300 Bonn-Bad Godesberg 1

21-23 Sept. Nottingham, UK
National Conference on Reliability
T.R. Moss, National Centre of Systems Reliability, UKAEA, Wigtown Lane, Culcheth, Warrington, WA3 4NE

22-26 Sept. Istanbul, Turkey
10th World Energy Conference
E. Rutledge, Secretary-General, World Energy Conference, 5 Burton Street, St. James’s, London SW1Y 6AB, UK

23-25 Sept. Manchester, UK
Institute of Physics — Group Annual Conf.: Getting the Best from Assessment
The Meetings Officer, The Institute of Physics, 47 Belgrave Square, London SW1X BOX
Ab: 30.6.77

25-29 Sept. Prague, Czechoslovakia
28th Int. Astronautical Congress: Using Space — Today and Tomorrow
International Astronautical Federation, 250 rue Saint-Jacques, F-75005 Paris
Ab: 24.3.77/PP

26-28 Sept. Birmingham, UK
Int. Conf. on Distributed Computer Control Systems
IEE Conf. Dept., Savoy Place, London WC2R OBL
Ab: 3.7.77/PP: 8.5.77

26-28 Sept. Toronto, Canada
Int. Workshop on Stellarators
G. Grieger, Max-Planck-Institut für Plasma-physik, D-8046 Garching
PP/60

26-28 Sept. Sunny Beach, 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/PP: 15.5.77/150/inv./Sfr. 200.—

26-30 Sept. Leoben, Austria
Annual Meeting of the Austrian Physical Society
H.P. Stüve, Institut f. Metallphysik, Montanuniversität Leoben, A-8700 Leoben
Ab: 30.4.77

26-30 Sept. Sunny Beach, Bulgaria
4th Int. Workshop on Stellarators
A. Derzhanski, bul. Lenin 72, Sofia-1113
A: 29.5.77/Ab: 30.4.77/PP: 150/English, Russian / US $ 50.—

27-29 Sept. London, UK
2nd Int. Conf. on Power Electronics — Power Semiconductors and their Applications
IEE Conf. Dept., Savoy Place, London WC2R OBL
Ab: 1.11.76/PP: 11.4.77

27-30 Sept. Luxembourg
Photovoltaics Solar Energy Conf.
A. Schub, General Chairman, CEC DG XII, 200 rue de la bourse, L-2049 Luxembourg
Ab: 15.5.77

28-30 Sept. Strasbourg, France
Microscopic Physics of Laser Interactions with Solids
J.B. Grun, Laboratoire de Spectroscopie et d’Optique du Corps Solide, rue de l’université,
F-67000 Strasbourg
A: 15.3.77/Ab: 31.3.77/PP

28-30 Sept. Stuttgart, FRG
Tagung der Deutschen Gesellschaft für Kristallzüchtung
K. Karl, Physikalisch-Institut-3, Pfaffenwaldring 57, D-7000 Stuttgart-80
Ab: 31.7.77/PP: 30.6.77

October

High Tatras, Czechoslovakia
October Conf.
Stanislav Dubicka, Inst. of Physics, Slovak Academy of Sciences, Bratislava cesta, 893 30 Bratislava 1

3-8 Oct. Paris, France
Propriétés Mécaniques de la Matière sous Hautes Pressions
Mme A. Block, I.N.S.T.N., B.P. No. 6, F-31190 GIF-sur-Yvette
A: 31.3.77/Ab: 30.5.77/PP: English, French/FF 650.—

3-8 Oct. Amsterdam, NL
Europicon - 3rd Symposium on Microweaponry and Microprogramming
J.D. Nieuw, LCD-EPFL, Beierweve, CH-1007 Lausanne, Switzerland
Ab: 14.3.77/PP: 27.6.77

3-6 Oct. Gattinburg, Tn., USA
4th Int. Conf. on Small-Angle Scattering of X-Rays and Neutrons
R.W. Hendricks, Metals and Ceramics Division, Oak Ridge National Laboratory, P.O. Box X, Oak Ridge, TN 37830

4-6 Oct. Atlanta, USA
9th Int. SAMPE Technical Convention - Materials and Processes - In Service Performance
SAMPLE P.O. Box 613, Azusa, CA 91702
Ab: 15.11.76

4-7 Oct. Budapest, Hungary
4th Symposium on Reliability in Electronics - Reliability 77
The Scientific Society for Telecommunication, Organizing Committee of Reliekt 77,
P.O. Box 451, H-1372 Budapest
A: 15.7.77/Ab: 31.5.77/PP: 1.5.77/English, Russian/US $ 80.—

4-8 Oct. Bordeaux, France
1st Int. Meeting on New Sources of Energy
Jean-Loup Gallien, Chargé des Relations Extérieures, TECHNOEXPO, 8, rue de la Michodière, F-75002 Paris

6-12 Oct. Düsseldorf, FRG
13th Int. Symposium on Power Electronics - Power Semiconductors and their Applications
IEE Conf. Dept., Savoy Place, London WC2R OBL
Ab: 15.11.76

6-12 Oct. Tokyo, Japan
International Astronautical Federation, 13th Int. Conference of the United Nations on the Peaceful Uses of Outer Space, Tokyo

7-8 Oct. Berne, Switzerland
Herbsttagung der Schweizerischen Physikalischen Gesellschaft
Sekretariat der SPG, Schönberggasse 9, CH-8001 Zürich

10-12 Oct. Toulouse, France
Attitude Control of Space Vehicles
Centre National d’Etudes Spatiales, Dept. des Affaires Universitaires, 18 bvd. Edouard-Belin, F-31055 Toulouse Cedex
A: 15.7.77/Ab: 31.3.77/English, French/FF 400.—

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

10-20 Oct. Tokyo, Canada
National Meeting of The Optical Society of America
Optical Society of America, Suite 620, 2000 L Street, N.W., Washington, D.C. 20036
Ab: 8.7.77

17-21 Oct. Vienna, Austria
Int. Symposium: Neutron Inelastic Scattering
Conference Service Section, IAEA, P.O. Box 590, A-1011 Vienna

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

19-21 Oct. San Francisco, USA
19th Conference of the New England Nuclear Science Symposium
F.A. Kirschen, Lawrence Berkeley Laboratory, Univ. of California, Berkeley, CA 94720

Sage, Cassiobury Park, Rickmansworth, Herts, WD3 5BQ (in UK)
IEE Conf. Dept., Savoy Place, London WC2R OBL
Ab: 10.1.77/PP: 16.5.77

25-28 Oct. Knoxville, USA
7th Symposium on Engineering Problems of Fusion Research
M.S. Lubell, Oak Ridge National Laboratory, P.O. Box Y, Oak Ridge, TN 37830
22-26 Jan. • San Francisco, USA
American Physical Society - General Meeting
American Physical Society, 335 E. 45th Street,
New York, New York 10017

1978
### Schools 1977

#### 25-29 Sept. York, UK

**Fourth EPS General Conference:**
*Trends in Physics*

**EPS 4, University of York, Heslington, York Y01 5DD**

**EPS Secretariat, P.O. Box 39,**
**CH-1213 Petit-Lancy 2, Switzerland**

**26-27 Oct.**

**Washington, D.C., USA**

**National Science Foundation**

**Science and Semicondor Symposium**

**Nuclear Powers Symposium**

Louis Costrell, US Department of Commerce.

**National Bureau of Standards, Washington, DC, 20234**

**30 Oct.-4 Nov.**

**York, UK**

**Meeting of Plasma Physics Division (APS)**

**American Physical Society, 335 E. 45th Street, New York, NY 10017**

**14-17 Nov.**

**Cleveland, Ohio, USA**

**Magneton 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**

**Changing Trends in Variable Star Research**

F.M. Dawson, 15 Pools Road, Greerton, Tauranga (au under consideration)

**4-6 Dec.**

**Washington, D.C., USA**

**Int. Electron Devices Meeting**

**Technical Activities Board, IEEE, 345 E. 47th Street,**

**A/P/150/English, French/IAU**

**Asian-South Pacific Regional Meeting in Astronomy**

**4-6 Dec.**

**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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**1979**

**19-22 June**

**Bergen, Norway**

**Neutino 79**

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**13-19 June**

**Salamanca, Spain**

Boh Int. Seminar on Theoretical Physics: Topics on Quantum Field Theory and Gauge Theories

J.A. de Azcarraga, Departamento de Fisica Teorica, Facultad de Ciencias, Salamanca

**A: 17.4.77**

**15-20 June**

**Erice, Italy**

**Interaction of Photons with Matter**

B. Dillatato, Department of Physics, Boston College, Chestnut Hill, MA 02167, USA

**A: 17.4.77**

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**19 June-2 July**

**Cargèse, Corsica, France**

Solar Energy Conversion and Applications

M.C. Maier, Haneler, LHTC, Tor 16, 4 place Jussieu, F-75230 Paris Cedex 05

**A: 15.3.77/50/English, French**

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**20 June-2 July**

**Urbino, Italy**

**The Design and Implementation of Optimization Software**

F.A. Loomsma, University of Technology, Delft, NL

**A: 1.7.77/70**

**20 June-8 July**

**Buenos-Aires, Argentina**

**France Equations Integrales en Mechanique et en Physique Secretariat General des Ecoles d’Etat**

**1 ave. du General Gaulle, F-92141 Clarart, Theor/Eng. French/English, FR (all incl.)**

**25 June-5 July**

**Erice, Italy**

**International School of Physics for Industry: Imaging and Display Devices**

C. Castagnoli, Laboratorio de Cosmofisica, Corso Fiume 4, I-10125 Turin

**A: 17.4.77**

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**27 June-9 July**

**Erice, Italy**

**International School of Mathematical Physics: Invariant Wave Equations**

**G. Velo, Istituto di Fisica dell’Universita, Via Irnerio 46, I-40126 Bologna**

**A: 1.7.77**

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**27 June-9 July**

**Yverna, Italy**

**Physics of Magnetized Garnets**

A. Antonini, Laboratorio di Elettronica dello Stato Solido, Via Cineto Romano 42, I-00156 Roma

**A: 30.3.77/50/English, French**

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**1-3 July**

**Erice, Italy**

**Trieste, Italy**

**Research Workshop on Solid State Physics**

**Science trim. Dept. of Theoretical Physics, Imperial College, Prince Consort Rd., London SW1, UK**

**A: 25.7.77**

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**4-8 July**

**Umeå, Sweden**

**International School of Light Microscopy**

**A: 25.7.77**

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**4-7 July**

**Cambridge, UK**

**The Scientific Basis of Flocculation**

**K.J. Irvine, University College, London WC1 6BT**

**A: 30.4.77/50/inv./C 180**

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**4-7 July**

**Culham, UK**

**Culham Plasma Physics Laboratory, Summer School Office, Culham Laboratory, Abingdon, Oxfordshire, OX14 3DB**

**A: 1.5.77**

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**4-15 July**

**London, UK**

**Health Physics Summer School 1977**

**H.D. Evans, Dept. of Chemical Engineering, Imperial College, London SW7 2AZ**

**E: 120**

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**4-23 July**

**Cargése, Corsica, France**

**Hadron Structure and Lepot-Hadron Interactions**

**Miss Marie France Hansen, Laboratoire de Physique Théorique, Tour 16 - 1er étage, 4 place Jussieu, F-75230 Paris Cedex 05**

**A: 15.3.77/50/inv./C 180**

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**4 July-19 Aug.**

**Los Houches, France**

**Nuclear Physics with Measons and Heavy Ions**

**Ecole d'Études de Physique Théorique, F-74310 Les Houches**

**A: 15.5.77/50/FF 2000.**

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**8 July-14 Aug.**

**Trieste, Italy**

**Summer College: Teaching of Physics at Tertiary Level**

**International Centre for Theoretical Physics, POB 586, I-34100 Trieste**

**A: 3.7.77/50/French**

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**7-23 July**

**Orléans-La-Source, France**

**Strongly Coupled Plasmas**

**M. Foa, C3/EC5/CRS, F-40450 Orléans**

**A: 31.3.77/50/inv./C 180**

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**9-20 July**

**Erice, Italy**

**Int. School of Astrophysics: Infrared Astronomy**

**S. Gatti, Laboratorio di Radiotelecosmi, Istituto di Fisica dell’Universita, Via Irnerio 46, I-40126 Bologna**

**A: 15.5.77/50/inv.**
EUROPEAN PHYSICAL SOCIETY
FOURTH GENERAL CONFERENCE

YORK U.K.
25 - 29 SEPTEMBER 1978
IN COLLABORATION WITH THE
INSTITUTE OF PHYSICS

SYMPOSIA ON

TRENDS IN PHYSICS

Modern Optics
Surface Physics
Phase Transitions
Nuclear Astrophysics
Hot Plasmas
Heavy Ion Physics
Synchrotron Radiation
Quarks

Bulletin No. 1 giving details on the programme, speakers, etc. and containing preliminary registration form will be available in the Autumn.

Further details when available, please send to:

This slip may be cut out and sent to the following address:

EPS 4
University of York
Heslington
York YO1 5DD
U.K.

(Please PRINT exact name and full address)
Preliminary details of the EPS Fourth General Conference

The Fourth General Conference of the EPS will be held at the University of York from Sept. 25-29, 1978. This ancient cathedral city of England, renowned equally for its Minster and fine old buildings as well as its modern university campus (not to mention its position as the county town of perhaps the most celebrated cricketing county in the country) will be the host to physicists from all over Europe, gathered together to discuss the current Trends in Physics. The University is able to put at the disposal of the EPS, a number of auditoria and conference rooms and can provide accommodation on site for well over a thousand participants.

Several plenary sessions are planned and a series of Symposia with poster sessions which are being organized through the EPS Divisions. Invitations will be sent out shortly to the speakers at the plenary sessions, and papers for presentation at the eight Symposia can now be proposed for the topics listed below. Further details will be published as they become available and complete information will be sent to applicants who complete and return the slip at the bottom of the preceding page.

International Programme Committee

Chairman:
P. Radvanyi (Exec. Comm.) Orsay, F
Chairman of Local Committee:
O.S. Heavens (Exec. Comm.) York, GB

Members:
K. Bethge (N.P. Div.), Frankfurt/M, D
H. Casimir (Exec. Comm.) Heeze, NL
E. Courtens (O.E. Div.) Ruschlikon, CH
A. Edwards (A. & A. Div.) Oxford, GB
F. Engelman (P.P. Div.) Jutphaas, NL
M. Guenin (Exec. Comm.) Geneva, CH
D.J. Jacobs (Univ. of York) GB

A) Modern Optics Sec: E. Courtens
— Advances in non-linear optics and materials
— New developments in lasers and their applications
— Optical electronics
— Laser spectroscopy

b) Surface Physics Sec: C. Todd
— Not available

c) Phase Transitions Sec: H. Thomas
— New developments in critical behaviour
— Low dimensional and disordered systems
— Nonequilibrium phase transitions

d) Nuclear Astrophysics Sec: A. Edwards
— The early stages of the universe
— The galaxy
— The solar system
— and perhaps another "hot" topic in 1978

e) Hot Plasmas in Space and Laboratory Sec: F. Engelmann
— Plasma turbulence
(or Collective Plasma Dynamics)
— Magnetohydrodynamics
— Diagnostics

f) Heavy Ion Physics Sec: K. Bethge
— Nuclear physics with heavy ions
— Atomic physics aspects with heavy ions
— Applied physics problems (heavy ion implantation and material science, damage production)

International Committee

University Catholique de Louvain

The Physics Department of the U.C.L. (Belgium) invites applications for a one year position as a:

VISITING PROFESSOR OR A RESEARCH ASSOCIATE

who has experience in one of the experimental research fields of its Nuclear Physics Division, in-beam nuclear spectroscopy, heavy-ion physics, few-nucleon research, investigation of weak-interaction processes, intermediate energy physics, to begin duties in September 1977.

Applications, including a curriculum vitae, an account of professional experience and publications and the name of two referees should be sent by April 17 to Prof. J. Vervier, Head of the Physics Department, Université Catholique de Louvain, Chemin du Cyclotron 2, B-1348 Louvain-la-Neuve, Belgium, where further information concerning the post and the division may be obtained.