

europ physics

news



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Meetings Issue

November 1983

Development of *Europhysics News* Conference Organizers Please Note

In 1984, *Europhysics News* will be bigger and the publishing schedule will be different. Ten issues will be published in the course of the year of which eight will be "green" and two will be "yellow". All the green issues will be of 16 pages, as against 12 up to now, and the two yellow issues, which will be entirely devoted to meetings (apart from an occasional advertisement), will be eight pages as at present.

Publication date will, in general, be the third Wednesday in the month except for the two joint issues which will come out earlier. These will be August/July and November/December in recognition of the summer holidays and the distribution problems associated with Christmas and the New Year.

The two Meetings issues will be published in March and October, these being the optimum months for collating, with the long term announcements, the most up-to-date information relating to meetings that will take place respectively in the second half of the year and the first half of the following year. We recognize however that

from March to October is a rather long gap and that some conference organizers will be anxious to have their meetings announced before the summer starts. We are therefore providing in the June issue, which will continue to contain the directory, space for conference announcements. These will be regarded essentially as advertisements and a charge of Sw.Fr. 100.- will be made for those reproduced in the standard form as used in the meetings issues proper. Announcements of greater length or non-standard style will be treated as display advertising which is charged at a rate based on Sw.Fr. 20.-/column line of text (roughly Sw.Fr. 52.-/cm) with a minimum charge of Sw.Fr. 140.-.

Notice of the meetings so announced would, of course, when relevant, be inserted in the following meetings issue(s) free of charge.

Conference organizers are asked to take special note of the new system and the deadlines for inclusion in the March and October issues — 21 February 1984 and 27 September 1984 respectively. They should

also note that advertising space needs to be booked by the end of the third week of the month preceding publication.

Europhysics News would also like to mark the occasion by publicly thanking the many secretaries of associations (terms we use here in their most general sense) for their regular response to our calls for information. Their lists are the crucial input to making the meetings issues unique in European physics.

Young Physicist Grants

Applications from young physicists (under 30 years of age) for financial help to attend the 6th General Conference of EPS at Prague, must arrive at the EPS Secretariat before 28 February 1984 if they are to be considered. A grant will cover the costs incurred during the Conference (registration fee and local expenses including full board and lodging in two-bedded rooms at the University campus). Applicants from peripheral countries of Europe will also get a contribution towards their travel cost.

Application forms are available at the EPS Secretariat, POB 69, CH-1213 Petit-Lancy 2, and will be sent on written request to any young European physicist wishing to apply.

Guide to Entries

Europhysics News has published in 1983 three Meetings Issues: in March, June and November. In the March issue the information received to date was given in full; in the two subsequent issues some entries may have been abbreviated and marked by an asterisk (*) indicating that full information can be found in the preceding Meetings Issue of *Europhysics News*.

The events listed here are those for which details were received at the EPS Secretariat by the end of October 1983. In general, all events interesting European physicists which take place from six weeks after the date of publication are quoted. Most readers will already have taken their

decision regarding earlier events but like to have as long an advance notice as possible of future happenings.

The listings are in date order divided into 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 **E** preceding the date.

For inclusion in the March 1984 issue, organizers should send available details to the EPS Secretariat by 21 February 1984 (see above).

Organizers of conferences that are European in concept may apply for EPS sponsorship through the Secretariat.

Key to Abbreviations

A: Application deadline
Ab: Abstracts deadline
inv.: restricted to invited applicants
NP: no proceedings will be published
P: Papers deadline (information on proceedings has not been received)
PP: proceedings will be published.

The information is given in this order:

Date Title Venue

Contact for information

A: / Ab: / PP, NP or P: Papers deadline / Number of participants / inv. / languages other than English / Sponsorship / Conference fee.

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

Conferences 1984

3-5 Jan. San Diego, CA, USA
Dynamics Days — La Jolla: Workshop on Nonlinear Dynamics and Chaotic Behaviour
R. Helleman, La Jolla Institute, POB 1434, La Jolla, CA 92038
Ab: 6.12.83 / 150 / US \$ 25.- approx.

4-7 Jan. Tucson, AZ, USA
* Protostars and Planets

9-12 Jan. Gainesville, FL, USA
Astrometric Techniques (IAU)
H. Eichhorn, SSRB 211, Dept. of Astronomy, Univ. of Florida, Gainesville, FL 32611

9 Jan. - 17 Feb. Oxnard / Santa Barbara, CA, USA
Gordon Conferences, Winter Schedule 1984
A.M. Cruickshank, Gordon Research Conf., Univ. of Rhode Island, Kingston, RI 20881
NP / 125 / inv. / US \$ 125.- all incl.

15-21 Jan. La Plagne, France
19th Rencontre de Moriond: Massive Neutrinos in Particle and Astrophysics
F. Vannucci, Université P. et M. Curie, LPNHE, Tour 33, 4 place Jussieu, F-75230 Paris Cedex 05
PP / 80 / inv. / FF 700.- incl. proc.

16-20 Jan. Toulouse, France
* Microwave Signatures in Remote Sensing

16-25 Jan. Kanpur, India
Int. Workshop on Hyperfine Interactions
S. Sampath, Director, Indian Inst. of Technology, IIT Post Office, Kanpur - 208016

22-27 Jan. Los Angeles, CA, USA
SPIE Los Angeles '84 Technical Symposium and Instrument Exhibit
SPIE, POB 10, Bellingham, WA 98227-0010
Ab: 1.8.83 / P: 21.11.83

23-25 Jan. New Orleans, LA, USA
* Topical Meeting: Optical Fibre Communication

29 Jan. - 4 Feb. Hintermoos, Austria
4th Symposium on Atomic and Surface Physics
F. Howorka, Inst. f. Atomphysik, Karl-Schönherr Strasse 3, A-6020 Innsbruck

30 Jan. - 2 Feb. San Antonio, TX, USA
* General Meeting: American Physical Society

31 Jan. - 2 Feb. Pinehurst, NC, USA
11th Annual Conf. on Physics and Chemistry of Semiconductor Interfaces
G. Lucovsky, Dept. of Physics, NC State Univ., Raleigh, NC 27650

8-10 Feb. Turin, Italy
2nd National Cryogenics Conf. and Workshop on Cryogenic Transducers
F. Pavese, CNR-IMCG, Sezione Termometrica, Strada delle Cacce 73, I-10135 Torino
PP / Italian, Engl. / Lit. 30'000.-

26-29 Feb. San Diego, CA, USA
Application of Optical Instrumentation in Medicine (XII)
SPIE, POB 10, Bellingham, WA 98227-0010
Ab: 29.8.83 / P: 2.1.84

26 Feb. - 4 March La Plagne, France
19th Rencontre de Moriond — 4th Astrophysics Meeting: High Energy Cosmic Rays and Elementary Particles
J. Audouze, Institut d'Astrophysique, 98 bis, Bd. Arago, F-75014 Paris
PP / 50 / inv. / FF 700.- incl. proc.

26 Feb. - 4 March La Plagne, France
19th Rencontre de Moriond: Electroweak Interactions and Unified Theories
Tran Thanh Van, LPTPE, Bât. 211, Université Paris Sud, F-91405 Orsay Cedex
PP / 100 / inv. / FF 700.- incl. proc.

4-10 March Erice, Italy
Flavour Mixing in Weak Interactions
Ling-Lie Chau, Physics Dept. 510A, Brookhaven Nat. Lab., Upton, NY 11973
A: 30.11.83 / PP / inv. / US \$ 600.- incl. board, lodging

4-10 March La Plagne, France
19th Rencontre de Moriond: New Particle Production at High Energy
Tran Thanh Van, LPTPE, Bât. 211, Université Paris Sud, F-91405 Orsay Cedex
PP / 100 / inv. / FF 700.- incl. proc.

5-7 March Boulder, CO, USA
Topical Meeting: Laser Techniques in Extreme Ultraviolet
Optical Society of America, 1816 Jefferson Place, N.W., Washington, DC 20036
A: 3.2.84 / Ab: 30.11.83 / PP / US \$ 140.- before 3.2.84, 160.- after

5-8 March Berne, Switzerland
* 4th Topical Workshop: Proton-Antiproton Collider Physics

11-16 March Santa Clara, CA, USA
Conf. on Microlithography
Int. Society for Optical Engineering, POB 10, Bellingham, WA 98227-0010
PP

12-16 March Detmold, FRG
Food Rheology
K. Kirschke, Deutsche Rheologische Ges. e.V., Unter den Eichen 87, D-1000 Berlin 45
Ab: 1.11.83 / P: 1.3.84 / 150 / German, Engl. / DM 180.-

12-16 March Jyväskylä, Finland
5th Nordic Meeting on Nuclear Physics
H. Kalm, Dept. of Physics, Univ. of Jyväskylä, Seminaarinkatu 15, SF-40100 Jyväskylä 10

12-16 March Münster, FRG
48. Physikertagung 1984 (DPG)
— Dünne Schichten
H. Hoffmann, Institut f. Angewandte Physik der Universität, Universitätsstr. 31, D-8400 Regensburg
— Halbleiterphysik
P. Grosse, I. Physikalisches Institut der RWTH, Sommerfeldstr., Turm 28, D-5100 Aachen
— Magnetismus
H.H. Mende, Institut f. Angewandte Physik der Universität, Corrensstr. 2/4, D-4400 Münster
— Metallphysik
H. Mecking, Arbeitsbereich Werkstoffphysik und -technologie der TU, Harburger Schlossstr. 20, D-2100 Hamburg 90
— Oberflächenphysik
H.P. Bonzel, Institut f. Grenzflächenforschung u. Vakuumphysik der KFA, Postfach 1913, D-5170 Jülich
— Polymerphysik

H. Hespe, Bayer AG, Abt. FE-DPP, Polymerphysik, Gebäude B 406, D-5090 Leverkusen
— Thermodynamik und Statistische Mechanik mit Symposium „Gitterdynamik“ (mit NNV)
J. Schnakenberg, Institut f. Theoretische Physik der RWTH, Physikzentrum Melaten-Nord 26, D-5100 Aachen
— Tiefe Temperaturen (mit AK Kryotechnik)
G. Saemann-Ischenko, Physikalisches Institut der Universität, Erwin-Rommel-Str. 1, D-8520 Erlangen
— Molekülphysik
H.C. Wolf, Physikalisches Institut III der Universität, Pfaffenwaldring 57, D-7000 Stuttgart 80
— Energietechnik (Physikalische Grundlagen) (AKE)
J. Fricke, Physikalisches Institut der Universität, Am Hubland, D-8700 Würzburg
Ab: 1.12.83
— Fachdidaktik der Physik
W. Kuhn, Seminar f. Didaktik der Physik der Universität, Karl-Glöckner-Str. 21, Haus C, D-6300 Giessen
— Vakuumtechnik (mit NEVAC)
W. Bächler, Leybold-Heraeus GmbH, Bereich WVT, Postfach 51 07 60, D-5000 Köln 51
Ab: 15.11.83

19-23 March Giessen, FRG
Tagungen der DPG:
— Atomphysik
W. Raith, Fakultät f. Physik der Universität, Universitätsstr., D-4800 Bielefeld
— Massenspektrometrie
B. Brehm, Institut f. Atom- und Molekülphysik der Universität, Appelstr. 2, D-3000 Hannover
— Quantenoptik (evtl. mit ÖPG)
H.J. Eichler, Optisches Institut der TU, Strasse des 17. Juni 135, D-1000 Berlin 12
Ab: 1.12.83

19-23 March The Hague, NL
4th EPS General Condensed Matter Conf.
F.M. Mueller, Physics Laboratory, Catholic Univ., Toernooiveld, NL-6525 ED Nijmegen
PP / 1000

20-23 March Kiel, FRG
Tagungen der DPG:
— Extraterrestrische Physik
E. Keppler, MPI für Aeronomie, Postfach 20, D-3411 Katlenburg-Lindau 3
Ab: 3.1.84
— Kurzzeitphysik
M. Hugenschmidt, Deutsch-Französisches Forschungsinstitut, Postfach 1560, D-7858 Weil/Rhein
Ab: 1.12.83
— Plasmaphysik
E. Hintz, Institut f. Plasmaphysik der KFA, Postfach 1913, D-5170 Jülich
Ab: 1.12.83

21-23 March Zurich, Switzerland
* 2nd Int. Symposium on Performance of Computer Communications Systems

21-28 March Rome, Italy
* 4th Int. Symposium: Heating in Toroidal Plasmas

22-24 March Detroit, MI, USA
* Conf. on Defects in Amorphous Materials

26-28 March Nottingham, UK
Quantum Molecular Motion in Crystals and Intercalates and on Surfaces
S. Clough, Dept. of Physics, University of Nottingham, Nottingham, NG7 2RD

26-30 March Detroit, MI, USA
* General Meeting: American Physical Society

26-30 March Innsbruck, Austria
* Frühjahrstagung Kernphysik (Austrian, German and Swiss Phys. Societies)

27-29 March Darmstadt, FRG
Akustik (DAGA '84)
G.M. Sessler, Institut f. Übertragungstechnik u. Elektroakustik der TH, Merckstr. 25, D-6100 Darmstadt
Ab: 1.12.83

31 March - 6 April Erice, Italy
Workshop on Lepton-Quark Substructure
R. Barbieri, Istituto di Fisica, Piazza Torricelli 2, I-56100 Pisa

1-4 April York, UK
* Vacuum '84 — Technological Aspects of Surface Treatment and Analysis

1-5 April York, UK
6th European Conf. on Solid Surfaces (ECOSS-6)
J.E. Inglesfield, SERC Daresbury Laboratory, Daresbury, Warrington WA4 4AD
A: Feb. 84 / Ab: 14.1.84 / PP 350

2-4 April Bielefeld, FRG
Teilchenphysik (DPG)
P. Stichel, Fakultät f. Physik der Universität, Universitätsstr., D-4800 Bielefeld
Ab: 5.1.84

3-5 April Reno, NV, USA
* 29th National SAMPE Symposium, Exhibition

3-5 April Las Vegas, NV, USA
Int. Reliability Physics Symposium
G.H. Ebel, 1984 Symposium, Singer Company, 150 Totowa Road, Wayne, NJ 07470
Ab: 17.10.83 / PP

3-6 April London, UK
* 4th Int. Conf. on Energy Options

3-6 April Hetzdorf nr. Dresden, GDR
* 5th Int. Seminar on Magnetism (with Dresden Seminar on Theor. Physics)

4-6 April Edinburgh, UK
* Working Group on Photographic Problems (IAU)

5-6 April Berne, Switzerland
* Spring Meeting of Swiss Physical Society

5-7 April Argonne, IL, USA
Workshop: Gauge Theory on a Lattice
D. Sivers, High Energy Physics, Argonne Nat. Lab.,
Argonne, IL 60439

9-11 April Hull, UK
* Interfacial Kinetics in Solution

9-11 April Cambridge, UK
Microwave and Far Infrared Spectroscopy of Transient
Molecules
P.B. Davies, Dept. of Physical Chemistry, Lensfield Rd.,
Cambridge CB2 1EP
A: 1.2.84 / Ab: 1.2.84 / NP: 1.2.84 / 100

9-12 April Garching, FRG
* Very Large Telescopes, their Instrumentation and
Programs

9-12 April Oxford, UK
* 3rd Int. Conf. on Mechanical Properties of Materials
at High Rates of Strain

9-13 April Knokke, Belgium
* SEAS Spring Meeting: Processing Statistical Infor-
mation

9-13 April Hamburg, FRG
Int. Magnetics Conference (INTERMAG)
W.E. Proebster, IBM Germany, Research and Develop-
ment, D-7030 Böblingen
Ab: 1.12.83

9-13 April Eilat, Israel
* Int. Symposium on Properties and Applications of
Metal Hydrides IV

10-12 April Anaheim, CA, USA
Conf. on Lasers and Electro-Optics
Optical Society of America, 1816 Jefferson Place N.W.,
Washington, DC 20036

10-13 April Zurich, Switzerland
3rd Symposium on Accelerator Mass Spectrometry
W. Wölfli, IMP, ETH-Hönggerberg, CH-8093 Zurich
A: 15.2.84 / Ab: 15.2.84 / PP: 10.4.84 / SFr. 200.- incl.
proc.

10-13 April London, UK
16th National Atomic and Molecular Physics Conf.
G. Peach, Dept. of Physics, University College London,
Gower Str., London WC1

11-13 April Bradford, UK
* Conference on Nuclear Structure Physics

12-14 April Providence, RI, USA
5th Workshop on Grand Unification
K. Kang, Dept. of Physics, Brown University,
Providence, RI 02912

16-20 April Evora, Portugal
* 4th Nat. Conf. on Physics (Fisica 84)

17-20 April Monterey, CA, USA
Topical Meetings:
— Science of Polishing (17-18.4)
— Optical Interference Coatings (17-19.4)
— Workshop on Optical Fabrication and Testing
(18-20.4)
— Optical Data Storage (18-20.4)
— Gradient-Index Optical Imaging Systems (19-20.4)
Optical Society of America, 1816 Jefferson Place, N.W.,
Washington, DC 20036
Ab: 6.1.84 / US \$ 180.- before 21.3.84, 200.- after

23-26 April Washington, DC, USA
General Meeting: American Physical Society
The American Physical Society, 335 E. 45th Str.,
New York, NY 10017
Ab: 3.2.84

24-27 April Grenoble, France
Journées Internationales d'Etudes sur le Vide
et la Cryogénie
Mme J. Fauvet, Société Française du Vide,
19 rue du Renard, F-75004 Paris
Ab: 15.11.83 / PP: 15.2.84 / 200 / Engl., French /
FF 1365.-

24-27 April Budapest, Hungary
Symposium Optika '84
Org. Comm., Optika 84, Optical, Acoustical and
Filmmtechnical Soc., Anker Kőz 1,
H-1061 Budapest
A: 15.11.83 / Ab: 15.11.83 / PP / 250 / Engl. /
US \$ 130.- incl. proc.

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29 April - 4 May Arlington, VA, USA
Technical Symposium East '84 (SPIE)
International Society for Optical Engineering,
POB 10, Bellingham, WA 98227-0010

2-5 May Batavia, IL, USA
Workshop: Physics at Interface of Astrophysics/Cos-
mology and Particle Physics
E.W. Kolb, Fermilab, Mail Station 209, POB 500,
Batavia, IL 60510

7-11 May Darmstadt-Seeheim, FRG
* Linear Accelerator Conference (LINAC-84)

8-11 May Guanajuato, Mexico
Recent Developments in Computing, Processor and
Software Research for High Energy Physics
R. Donaldson, Fermilab, POB 500,
Batavia, IL 60510, USA

14-16 May St. Louis, MO, USA
* Int. Conf. on Plasma Science

14-18 May Debrecen, Hungary
* Int. Symposium on Ion-Beam Nuclear Spectroscopy

14-18 May Nagoya, Japan
* 6th Int. Conf. on Plasma Surface Interactions in Con-
trolled Fusion Devices

15-16 May Tampere, Finland
1st Nordic Conf. of Physics in Industry
M. Vulli, Dept. of Physics, University of Technology,
POB 527, SF-33101 Tampere 10
PP / English / FIM 400.- incl. proc., 200.- students

21-22 May Nagoya, Japan
Workshop on Synergistic Effects in Surface Pheno-
mena Related to Plasma-Wall Interactions
K. Kamada, Inst. of Plasma Physics Nagoya University,
Furo-cho, Chikusa-ku, Nagoya 464

21-25 May College Park, MD, USA
13th Int. Coll. on Group Theoretical Methods in Physics
Dept. of Physics and Astronomy,
University of Maryland, College Park, MD 20742

21-26 May Hvar, Yugoslavia
Dynamics of Heavy Ion Collisions
R. Caylor, Rudjer Boskovic Inst.,
POB 1016, YU-41001 Zagreb
A: 1.4.84 / Ab: 1.5.84 / PP / 120 / Engl.

22-25 May Toulouse, France
Results of ARCAD 3 Project and of Recent Programmes
in Magnetospheric and Ionospheric Physics
CNES, Dept. des Affaires universitaires,
18 ave. Edouard-Belin, F-31055 Toulouse Cedex
Ab: 15.12.83 / PP / Engl., French / FF 500.- incl. proc.

24-29 May Como, Italy
Calibration of Fundamental Stellar Quantities (IAU)
A.H. Batten, Dominion Astrophysical Observatory,
5071 W. Saanich Road, Victoria, BC V8X 4M6,
Canada

28-30 May Storrs, CT, USA
* Meeting of Electron and Atomic Physics Div. (APS)

28-30 May Villach, Austria
15. Spektrometertagung
W. Schwarz, Vereinigte Edelstahlwerke AG,
Versuchsanstalt, Postfach 10, A-8605 Kapfenberg

28-30 May Svendborg, Denmark
Nordic Molecular Physics Days
J. Oddershede, Dept. of Chemistry, Odense University,
DK-5230 Odense M
A: 1.4.84 / Ab: 15.4.84 / NP / 100 / English / dKr 450.-
all incl.

28 May - 4 June Erice, Italy
Workshop on Data Analysis in Astronomy
L. Scarsi, IFCI-CNR, Via Mariano Stabile 172,
I-90139 Palermo

4-6 June Madison, WI, USA
* The Local Interstellar Medium

4-7 June Paris, France
* Capteurs 84 — Technologie et Applications

4-7 June Bruges, Belgium
Int. Symposium: Polymer Alloys - Struc-
ture and Properties
J.P. Mercier, Place de la Croix du Sud 1,
B-1348 Louvain-la-Neuve
A: April 84 / Ab: 15.11.83 / PP: 15.2.84 /
150 / incl. proc. bFr. 8000.- IOM, mbrs
4b; 9000.- others; 6500.- students

4-8 June Bielefeld, FRG
Int. Symposium on Phase Transitions in the Very Early
Universe
R. Baier, Fakultät f. Physik, Universität Bielefeld,
Postfach 8640, D-4800 Bielefeld 1
80 / inv.

5-7 June Greenbelt, MD, USA
* The Origin of Nonradiative Heating / Momentum in
Hot Stars

5-7 June Enschede, The Netherlands
Dynamics Days — Twente: Workshop on Nonlinear
Dynamics and Chaotic Behaviour
R.H.G. Helleman, Twente University of Technology,
Theoretical Physics Group, POB 217,
NL-7500 AE Enschede
Ab: 8.5.84 / NP / 150

11-14 June Rome, Italy
Dynamics of Comets: Their Origin and Evolution (IAU)
A. Carusi, Istituto Astrofisica Spaziale, Reparto Plane-
tologico, Viale Università II, I-00185 Roma

11-15 June Aussois, France
7th Int. Conference on Spectral Line Shapes
F. Rostas, DAPHE, Observatoire de Paris,
F-92195 Meudon
A: 1.4.84 / Ab: 1.4.84 / PP: 11.6.84 / FF 450.-

11-16 June nr. Dortmund, FRG
11th Int. Conf. on Neutrino Physics and Astrophysics
K. Kleinknecht, Inst. f. Physik, Universität Dortmund,
Postfach 500500, D-46 Dortmund 50

11-16 June Lund, Sweden
* 15th Int. Symposium on Multiparticle Dynamics

12-15 June Monterey, CA, USA
Topical Meeting on Ultrafast Phenomena
Optical Society of America, 1816 Jefferson Place, N.W.,
Washington, DC 20036
Ab: 15.2.84 / US \$ 140.-, 50.- students (before 22.5)

- 17-21 June** Helsinki, Finland
4th Int. Conf. on Ultrarelativistic Nucleus-Nucleus Collisions (Quark Matter 84)
J. Maalampi, Dept. of High Energy Physics, Siltavuorenpenger 20 C, SF-00170 Helsinki 17
A: 1.4.84 / inv.
- 18-20 June** Princeton, NJ, USA
* 44th Annual Conf. on Physical Electronics
- 18-22 June** Anaheim, CA, USA
4th Conf. on Lasers and Electro-Optics (CLEO 84)
13th Int. Quantum Electronics Conf. (IQEC 84)
Optical Society of America, 1816 Jefferson Place, N.W., Washington, DC 20036
Ab: 6.1.84 / US \$ 140.- before 25.5., 165.- after
- 18-22 June** České Budejovice, CSSR
7th Czechoslovak Spectroscopic Conf. and 8th Conf. on Analytical Atomic Spectroscopy (CANAS)
A. Spackova, Secretariat of the Czechoslovak Spectroscopic Society, Kozlovska 1, CS-160 00 Prague 6
- 19-22 June** Paris, France
Colloque International: Rapports isotopiques dans le Système solaire
Dépt. des Affaires universitaires, Centre Spatial de Toulouse, 18 av. Edouard Belin, F-31055 Toulouse Cedex
- 20-22 June** Dublin, Ireland
3rd Int. Conf. on Boundary and Interior Layers
BAIL III Conf., POB 5, 51 Sandycove Rd., Dun Laoghaire, Co. Dublin
Ab: 1.2.84 / PP / 120 / incl. proc. US \$ 180.- before 1.3., 225.- after
- 25-28 June** Snowmass, CO, USA
19th Thermophysics Conference
17th Fluid Dynamics, Plasma Dynamics and Laser Conf. (25-27.6)
American Inst. of Aeronautics and Astronautics, 1290 Avenue of the Americas, New York, NY 10104
- 26-28 June** Essen, FRG
IUTAM Symposium: Influence of Polymer Additives on Velocity and Temperature Fields
K. Kirschke, Deutsche Rheologische Ges. e.V., Unter den Eichen 87, D-1000 Berlin 45
Ab: 15.12.83 / PP / 100 / inv. / Engl.
- 25-29 June** Lodz, Poland
Int. Symposium on Nuclear Excited States
M. Przytula, Instytut Fizyki UL, ul. Nowotki 149/153, PL - 90-236 Lodz
A: 30.10.83 / Ab: 1.3.84 / PP: 29.6.84 / 70 / US \$ or USSR R. 50.- incl. proc.
- 25 June - 7 July** Graz, Austria
25th COSPAR Plenary Meeting (and associated events)
Z. Niemirowicz, COSPAR, 51 bd de Montmorency, F-75016 Paris
Ab: 15.1.84 / PP / 1000 / Engl., French / US \$ 100.—
- 26-28 June** Wrocław, Poland
7th Int. Wrocław Symposium on Electromagnetic Compatibility
R.G. Struzak, EMC Symposium, Box 2141, PL - 51-645 Wrocław 12
(Copy of Ab to: F.L. Stumpers, Elzentalaan 11, NL-5611 LG Eindhoven)
Ab: 15.8.83 / P: 15.2.84 / Engl., Russian
- 26-30 June** Trieste, Italy
8th Trieste Conf. on Particle Physics
Int. Centre f. Theor. Phys., POB 586, I-34100 Trieste
- 25-29 June** Lodz, Poland
Int. Symposium on Nuclear Excited States
M. Przytula, Instytut Fizyki UL, ul. Nowotki 149/153, PL - 90-236 Lodz
A: 30.10.83 / Ab: 1.3.84 / PP: 29.6.84 / 70 / US \$ or USSR R. 50.- incl. proc.
- 27 June - 3 July** Lausanne, Switzerland
Int. Conf. on Plasma Physics
M.Q. Tran, Centre de Recherches en Physique des Plasmas, Ecole Polytechnique Fédérale, 21, av. des Bains, CH-1007 Lausanne
Ab: 29.2.84 / PP / 400 / Sfr. 300.- incl. proc.
- July** Greenwich, London, UK
Longitude Zero (IAU)
O. Pedersen, Univ. of Aarhus, History of Science Dept., Ny Munkegade, DK-8000 Aarhus C, Denmark
- 2-5 July** Oxford, UK
25th Meeting of Mössbauer Discussion Group
F.J. Berry, Dept. of Chemistry, Univ. of Birmingham, POB 363, Birmingham B15 2TT
- 2-6 July** Berlin-West
8th Int. Congress on Catalysis
A. Benninghoven, Physikal. Inst. der Universität, Domagkstr. 75, D-4400 Münster
- 2-6 July** Trieste, Italy
3rd Trieste IUPAP Semiconductor Symposium: High Excitation and Short Pulse Phenomena
A. Frova, Ist. di Fisica G. Marconi, Piazzale A. Moro 5, I-00185 Roma
A: 1.4.84
- 3-5 July** Novosibirsk, USSR
Synchrotron Radiation Conference (SR 84)
E. Gluskin, USSR Acad. of Sciences, Siberian Div., Inst. of Nuclear Physics, Novosibirsk 90
- 3-6 July** Strasbourg, France
Cool Stars with Excess of Heavy Elements
M. Jaschek, Observatoire de Strasbourg, 11 rue de l'Université, F-67000 Strasbourg
PP / 60 / inv. / Engl., French / FF 350.-
- 5-6 July** Innsbruck, Austria
Symposium on Double Layers
R. Schrittwieser, Inst. f. Theoretische Physik, Universität Innsbruck, Sillegasse 8, A-6020 Innsbruck
- 9-13 July** Berlin-West
3rd Int. Symposium on Small Particles and Inorganic Clusters
J. Koucky, Freie Univ. Berlin, Inst. f. Physikal. Chemie, Takustr. 3, D-1000 Berlin 33
A: 1.5.84 / Ab: 1.2.84 / DM 300.-
- 9-13 July** Durham, UK
7th European Symposium on Antiproton Interactions
M.R. Pennington, Science Laboratories, Dept. of Physics, University of Durham, South Road, Durham DH1 3LE
- 10-13 July** Leeds, UK
2nd Biennial National Atomic Spectroscopy Symp.
F. Buckley, Dept. of Earth Sciences, Univ. of Leeds, Leeds LS2 9JT
- 15-19 July** Linz, Austria
Laser Processing and Diagnostics: Applications in Electronic Materials
D. Bäuerle, Angewandte Physik, Johannes-Kepler Univ. Linz, A-4040 Linz
Ab: 15.3.84 / PP / 150 / English / öS. 2500.-
- 15-21 July** York, UK
10th Int. Liquid Crystal Conference
H.J. Coles, Dept. of Physics, Schuster Lab., Univ. of Manchester, Manchester M13 9PL
- 16-20 July** Stanford, CA, USA
3rd Int. EXAFS Conference
K.M. Cantwell, 3rd Int. EXAFS Conf., SSRL, Bin 69, POB 4349, Stanford, CA 94305
- 16-20 July** Ithaca, NY, USA
4th Int. Conf. on Ion Beam Modification of Materials
J.W. Mayer, IBM 84, Bard Hall, Cornell University, Ithaca, NY 14853
Ab: 1.3.84
- 16-26 July** Erice, Italy
Advanced Solid Earth Geophysics: Recent Progress in Seismology
E. Boschi, Ist. di Geofisica, Viale Berti Pichat 8, I-40127 Bologna
- 19-25 July** Leipzig, GDR
22nd Int. Conf. on High Energy Physics
K. Lanius, Inst. f. Hochenergiephysik, Akad. d. Wissenschaften, Platanenallee 6, DDR-1615 Zeuthen
1050 / inv. / IUPAP
- 23-27 July** Zürich, Switzerland
3rd Int. Conf. on Infrared Physics (CIRP 3)
F. Kneubühl, CIRP - 3, Solid State Physics Lab., ETH, Hönggerberg, CH-8093 Zurich
- 23-27 July** Chester, UK
4th Int. Conf. on Clustering Aspects of Nuclear Structure and Nuclear Reactions
Mrs. S.A. Lowndes, SERC, Daresbury Lab., Daresbury, Warrington WA4 4AD
- 29 July - 4 Aug.** Bristol, UK
8th Int. Biophysics Congress
H.C. Watson, Dept. of Biochemistry, University of Bristol, Medical School, University Walk, Bristol BS8 1TD
- 30 July - 3 Aug.** Heidelberg, FRG
10th Int. Conf. on Particles and Nuclei
G. zu Putlitz, Physikalisches Institut der Universität Heidelberg, Philosophenweg 12, D-6900 Heidelberg 1 900
- 30 July - 3 Aug.** Palo Alto, CA, USA
The Physics of VLSI (with ICPS 17)
J. Meindl, Center for Integrated Systems, Stanford, CA
- 31 July - 3 Aug.** Espoo, Finland
10th Int. Conf. on Cryogenic Engineering (ICEC 10)
ICEC 10 Secretariat, Low Temperature Laboratory, Helsinki University of Technology, SF-02150 Espoo 15
- 31 July - 3 Aug.** Santa Cruz, CA, USA
Int. Conf. on Heavy Doping and Metal-Insulator Transition in Semiconductors (with ICPS 17)
R.W. Keyes, IBM Research, POB 218, Yorktown Heights, NY 10598
- August** Auckland, New Zealand
7th IUPAC Conf. on Physical Organic Chemistry
B.R. Davis, Chemistry Dept., Univ. of Auckland, Private Bag, Auckland
- August** Washington, DC, USA
UV and X-ray Spectroscopy (IAU)
G. Doschek, Dept. of Navy, NRL, Washington, DC 29375
- 1-3 Aug.** Salt Lake City, Utah, USA
Topical Conf. on Optical Effects in Amorphous Semiconductors (with ICPS 17)
P. Craig Taylor, Physics Dept., N. Physics Bldg., Univ. of Utah, Salt Lake City, UT 84112
- 2-3 Aug.** Berkeley, CA, USA
Spectroscopy of Shallow Centers in Semiconductors (with ICPS 17)
A.K. Ramdas, Purdue Univ., West Lafayette, IN 47907
- 6-10 Aug.** San Francisco, CA, USA
17th Int. Conf. on the Physics of Semiconductors (ICPS 17)
R.Z. Bachrach, Xerox Palo Alto Research Center, 3333 Coyote Hills Rd., Palo Alto, CA 94304
Ab: 15.3.84 / P: 1.7.84
- 9-18 Aug.** Hamburg, FRG
13th Gen. Ass., Int. Congr. of Crystallography (IUG)
H. Saalfeld, Mineral-Petrograph. Inst., Univ. Hamburg, Grindelallee 48, D-2000 Hamburg 13
- 13-16 Aug.** Urbana, IL, USA
Int. Conf. on Superlattices, Microstructures and Micro-devices (with ICPS 17)
J.D. Dow, Physics Dept., 1110 W. Green St., Univ. of Illinois, Urbana, IL 61801
- 13-16 Aug.** Berkeley, CA, USA
1st Int. Conf. on the Structure of Surfaces (ICSOS)
M.A. Van Hove, Dept. of Chemistry, Univ. of California, Berkeley, CA 94720
Ab: 20.4.84 / PP / 200
- 13-17 Aug.** Madison, WI, USA
Int. Conf. on Luminescence (ICL 84)
W.M. Yen, Dept. of Physics, 1150 University Ave., Madison, WI 53706
Ab: 15.3.84 / PP / US \$ 130.-, 50.- students, incl. proc.
- 13-17 Aug.** Stockholm, Sweden
6th Int. Conf. on Thin Films (ICTF-6)
S. Berg, ICTF-6, Inst. of Technology, Uppsala Univ., Box 534, S-75121 Uppsala
- 13-17 Aug.** Coronado, CA, USA
13th Int. Conf. on Defects in Semiconductors (with ICPS 17)
L.C. Kimerling, Bell Labs., Murray Hill, NJ 07974
- 13-18 Aug.** Budapest, Hungary
8th European Congress on Electron Microscopy (EUREM 84)
Mr. A. Csanady, Congress Bureau, MOTESZ, POB 32, H-1361 Budapest
- 15-17 Aug.** Christchurch, New Zealand
Information Processing in Optics
International Commission for Optics
- 15-22 Aug.** Karlsruhe, FRG
17th Int. Conf. on Low Temperature Physics
H. Hirsch, LT 17, Kernforschungszentrum, Postfach 3640, D-7500 Karlsruhe
1000 / English / IUPAP

19-24 Aug. Lyngby, Denmark
16th Int. Congress of Theor. and Applied Mechanics
V. Olhoff, ICTAM 1984, Bldg. 404, Technical Univ. of
Denmark, DK-2800 Lyngby
Ab: 6.2.84 / IUTAM

19-24 Aug. San Diego, CA, USA
SPIE's 28th Annual Int. Technical Symposium
The International Society for Optical Engineering,
POB 10, Bellingham, WA 98227-0010

20-24 Aug. Delft, NL
nt. Biennial Conf.: Precision Electromagnetic Measure-
ments

Ms. I.J. Smits, Dept. of Electr. Engng., Delft Univ. of
Technology, POB 5031, NL-2600 GA Delft

20-24 Aug. Oxford, UK
5th Int. Symposium on Gas Flow and Chemical Lasers
A.S. Kaye, Culham Laboratory, Abingdon OX14 3DB

20-24 Aug. Leipzig, GDR
Int. Conf. on X-Ray and Inner-Shell Processes in Atoms,
Molecules and Solids
J. Finster, X84, Sektion Chemie der Karl-Marx-Univer-
sität, Linnéstr. 2, DDR-7010 Leipzig
A: 1.6.84 / Ab: 1.5.84 / PP: 20.8.84 / 250 / Engl. /
US \$ 140.- approx.

20-24 Aug. Sapporo, Japan
General Assembly ICO-XIII
International Commission for Optics

20-25 Aug. Košice, CSSR
9th European Cosmic Ray Symposium
K. Kudela, Inst. of Experimental Physics SAS,
9th ECRS, Solovjevova 47, CS-04001 Košice
120

20-25 Aug. Utrecht, The Netherlands
Conference on Physics Education
K. Andriese, Physics Dept., Rijksuniversiteit Utrecht,
Postbus 80.008, NL-3508 TA Utrecht

20-29 Aug. Italy
Int. Symposium on Radiation
G. Fiocco, Istituto di Fisica 'Guglielmo Marconi',
Università degli Studi, Piazzale delle Scienze 5,
I-00185 Roma
Ab: Feb. 84

21-24 Aug. Santa Cruz, CA, USA
Physics in Collision IV
G. Hamel, Inst. for Particle Physics, Univ. of California,
Santa Cruz, CA 95064

21-24 Aug. Brussels, Belgium
**Europhysics Conf. on Software Engineer-
ing: Methods and Tools in Computa-
tional Physics**
P. van Binst, Univ. of Brussels, c.p. 230,
bd. du Triomphe, B-1050 Brussels
A: 1.7.84 / Ab: 1.3.84 / PP: 1.8.84 / 300 /
incl. proc. bFr. 4000.- IOM; 5000.-
others before 1.3.84, 7000.- after

23-27 Aug. Bayreuth, FRG
Emil-Warburg Symposium on Ultra-Low Temperature
Physics
D. Rainer, Physikalisches Inst., Lehrstuhl f. Theor.
Physik III, Postfach 3008, D-8580 Bayreuth

23-29 Aug. Braunschweig, FRG
Localization, Interactions and Transport Phenomena in
Impure Metals
B. Kramer, PTB Braunschweig, Bundesallee 100,
D-3300 Braunschweig
A: 31.5.84 / Ab: 31.3.84 / P: 30.6.84 / 200

24-30 Aug. Tokyo, Japan
Int. Symposium on Heavy Ion Physics (Heavy Ion 84)
S. Kubono, Inst. for Nuclear Study, Univ. of Tokyo,
Midori-cho 3-2-1, Tanashi, Tokyo 188

27-30 Aug. Cologne, FRG
4th Int. Conf. on Valence Fluctuations
B. Roden, II. Physikalisches Inst., Universität Köln,
Zùlpicher Str. 77, D-5000 Köln 41

27-31 Aug. Prague, CSSR
**6th EPS General Conference: Trends in
Physics**
J. Kaczér, Physical Section, Union of Cze-
choslovak Mathematicians and Physi-
cists, Na Slovance 2,
CS-18200 Prague-Liben
PP / 700 / English / SFr. 140.- IOM; 180.-
mbrs. nat. soc.; 220.- others; 40.- stu-
dents

NORDITA

NORDISK INSTITUT FOR TEORETISK ATOMFYSIK
Danmark - Finland - Island - Norge - Sverige

Visiting Professor in Particle Physics Nordita, Copenhagen

Nordita wishes to appoint a visiting professor in theoretical particle physics for 9 to 12 months in the 1984/5 academic year. The position and the salary are on the full professor level. The candidate is expected to lead an active research effort and interact with Nordita research fellows.

Those interested in this opportunity of working in Copenhagen should write to the Director before 1 February, 1984.

The Director, NORDITA
Blegdamsvej 17, DK - 2100 Copenhagen

27-31 Aug. Sydney, Australia
3rd Int. Conf. on Solid Films and Surfaces
D.J. Miller, ICSFS 3, School of Physics, Univ. of New
South Wales, POB 1, Kensington, N.S.W. 2033

27-31 Aug. Würzburg, FRG
5th Int. Conf. on Rapidly Quenched Metals
H. Warlimont, Grüner Weg 37, D-6450 Hanau 1

27 Aug. - 1 Sept. Tokyo, Japan
9th Int. Conf. on Raman Spectroscopy
M. Tasumi, 9th ICORS, Dept. of Chemistry, Faculty of
Science, Univ. of Tokyo, Bunkyo-ku, Tokyo 113
IUPAC, IUPAP

28 Aug. - 6 Sept. Peyresq, France
Dynamical Systems: a Renewal of Mechanism
Fondation Louis de Broglie, 1 rue Montgolfier,
F-75003 Paris

28 Aug. - 7 Sept. Varenna, Italy
Int. Course and Workshop on Plasma Astrophysics
C. Paizis, E. Sindoni, Istituto di Fisica, Via Celoria 16,
I-20133 Milano

3-6 Sept. St. Pölten, Austria
**Electronic Structure and Properties of Rare Earth
and Actinide Intermetallics**
G. Hilscher, Inst. of Exp. Physics, Tech. Univ. of
Vienna, Karlsplatz 13, A-1040 Vienna
A: 1.3.84 / Ab: 1.3.84 / PP: 1.5.84 / 200 /
SFr. 200.- IOM; 250.- others (incl. proc.)

3-7 Sept. Darmstadt-Seeheim, FRG
7th Int. Conf. on Atomic Masses and Fundamental
Constants (AMCO-7)
E. Roeckl, Ges. für Schwerionenforschung (GSI),
Postfach 11 05 41, D-6100 Darmstadt
A: 1.5.84 / Ab: 1.5.84 / PP: 3.9.84 / 150 / inv. / IUPAP /
approx. DM 200.- incl. proc.

3-7 Sept. Budapest, Hungary
Charge Density Waves in Solids
G. Hubiray, Central Research Inst. f. Physics,
POB 49, H-1525 Budapest
A: 1.5.84 / Ab: 1.3.84 / PP: 7.9.84 / 100 / English /
US \$80.-

4-6 Sept. Leicester, UK
Radicals in Condensed Phases
Mrs. Y.A. Fish, The Royal Society of Chemistry,
Burlington House, London W1V 0BN
A: Aug. 84 / Ab: 15.9.83 / PP: 15.5.84 / 200 / £ 27.-

6-7 Sept. Interlaken, Switzerland
8th Int. Macromolecular Symposium: Macromolecules
— Interdisciplinary Developments
Inst. f. Organische Chemie, Universität Bern,
Freie Str. 3, CH-3012 Bern
NP / 120 / Engl., German / SFr. 250.-; 50.- students

10-14 Sept. Lille, France
**European Solid State Device Research
Conf.**
E. Constant, Univ. des Sciences et Techni-
que de Lille, UER IEEA, bât. P3,
F-59655 Villeneuve d'Ascq Cedex
PP / 600

10-14 Sept. Knoxville, TN, USA
**5th Int. Symposium on Capture Gamma Ray Spec-
troscopy and Related Topics**
S. Raman, Oak Ridge Nat. Lab., Physics Division,
POB X, Oak Ridge, TN 37830
PP / 350 / US \$ 175.- incl. proc.

10-15 Sept. Zurich, Switzerland
22nd Ampère Congress
R. Kind, Lab. Solid State Physics,
ETH Hönggerberg, CH-8093 Zurich

11-13 Sept. Cannes, France
Colloque international: Générateurs solaires spatiaux
Dept. des Affaires universitaires,
Centre Spatial de Toulouse,
18 av. Edouard Belin, F-31055 Toulouse Cedex

11-14 Sept. Aussois, France
Physics and Chemistry at High Densities
J.M. Besson, Dept. des hautes Pressions,
Univ. Pierre et Marie Curie,
4 place Jussieu, Tour 22, F-75230 Paris Cedex 05
200 / English / US \$ 200.- approx. all incl.

11-14 Sept. Kobe, Japan
10th Int. Conf. on Recent Advances in Weighing Tech-
nology and Force Measurement
IMEKO TC-3, M. Namiki, Society of Instrument and
Control Engineers, 35-28-303, Hongo 1-chome,
Bunkyo-ku, Tokyo, 113
Ab: 31.10.83 / PP: 30.4.84 / Y 40000.-

12-19 Sept. London, UK
10th Int. Conf. on Plasma Physics and Nuclear Fusion
Research
R. Najjar, Conf. Service, IAEA, POB 100, A-1400 Vienna

17-21 Sept. Manchester, UK
9th European Conf. on Thermophysical Properties
The Meetings Officer, The Institute of Physics,
47 Belgrave Square, London SW1X 8QX

17-21 Sept. Heidelberg, FRG
Int. Conf. on Surface Modification of Metals by Ion
Beams
G.K. Wolf, Physikalisches Chemie der Universität,
Im Neuenheimer Feld 500, D-6900 Heidelberg

17-22 Sept. Warsaw, Poland
Physics of Magnetic Materials
D. Zymierska, Inst. of Physics of PAS,
Al. Lotnikow 32/46, PL - 02-668 Warsaw
A: 29.2.84 / Ab: 15.5.84 / PP: 17.9.84 / 200 / US \$ 50.-
incl. proc.

21-24 Sept. Bombannes, France
Photophysique et Photochimie au-delà de 6 eV
C. Troyanowsky, Société de Chimie Physique, Réunion
UV Iointain,
10 rue Vauquelin, F-75231 Paris Cedex 05
Ab: 31.1.84

23-28 Sept. Balatonfüred, Hungary
12th Int. Hot Atom Chemistry Symposium
L. Vasaros, Central Res. Inst. f. Physics,
POB 49, H-1525 Budapest

24-28 Sept. Garmisch-Partenkirchen, FRG
SEAS Anniversary Meeting
C.J.M. Aarts, SEAS Headquarters,
Toernooiveld, NL-6525 ED Nijmegen
A: 1.9.84 / Ab: 15.5.84 / PP: 1.9.84 / 300

24-28 Sept. Berlin, GDR
11th Int. Symposium: Discharges and Electrical Insula-
tion in Vacuum
E. Hantsche, Akad. der Wissenschaften der DDR,
Zentralinstitut f. Elektronenphysik, PSF 1250,
DDR-1086 Berlin
Ab: 14.1.84

25-28 Sept. Dresden, GDR
Int. Conf. on Energy Pulse Modification of Semiconductors and Related Materials
H.U. Jäger, Akad. d. Wissenschaften der DDR, Zentralinstitut f. Kernforschung Rossendorf, POB 19, DDR-8051 Dresden
A: 31.3.84 / Ab: 1.2.84 / PP: 31.10.84 / 200 / English / M 350.-

Sept. - Oct. Greece
Luminous Stars and Associations in Galaxies (IAU)
P.S. Conti, JILA, Univ. of Colorado, Boulder, CO 80309, USA

1-3 Oct. Utrecht, NL
Triennial European General Meeting on Solar Physics: Hydromagnetics of the Sun
P. Hoyng, Space Research Lab., Beneluxlaan 21, NL-3527 HS Utrecht
PP / 200

1-4 Oct. Gaithersburg, MD, USA
National Conf. of Standards Laboratories: Metrology — an International Science
B. Belanger, Physics Bldg., Room 362, Nat. Bureau of Standards, Washington, DC 20234
Ab: 1.2.84 / PP: 1.4.84

1-5 Oct. Paris, France
Symposium international: Observation de la Terre
Dept. des Affaires universitaires, Centre Spatial de Toulouse, 18 ave. Edouard Belin, F-31055 Toulouse Cedex

1-6 Oct. Kyoto, Japan
3rd Asian-Pacific Regional Astronomy Meeting (IAU)
T. Kogure, Dept. of Astronomy, Faculty of Science, Univ. of Kyoto, Sakyo-ku, Kyoto 606

4-6 Oct. Zurich, Switzerland
Autumn Meeting: Swiss Physical Society
B.G. Vaucher, Institut de Physique de l'Université, Pélrolles, CH-1700 Fribourg
Ab: 23.7.84 / PP / 100

8-13 Oct. Acapulco, Mexico
9th Int. Congress on Rheology
D.M. Binding, Apdo. Postal 70-353, Ciudad Universitaria, Coyoacan, 04510 Mexico, D.F.
Ab: 1.12.83

9-11 Oct. Lausanne, Switzerland
Journées d'Electronique et de Microtechnique de l'EPFL 84: Evolution des Périphériques de Microprocesseurs
EPFL, chemin de Bellerive 16, CH-1007 Lausanne
Ab: 15.3.84 / Engl., French

9-11 Oct. Albuquerque, NM, USA
16th National SAMPE Technical Conf.
SAMPE, Box 613, Azusa, CA, 91702
Ab: 15.1.84 / P: 1.7.84

9-12 Oct. Amsterdam, NL
ECOOSA '84
J. Langelaar, Foundation Quantoptica, Lab. Phys. Chem., Nieuwe Achtergracht 127, NL-1018 ES Amsterdam
P: 1.5.84 / 350 / Advance fee hFI 250.-; current 325.-; students 50.-

18-20 Oct. Nashville, TN, USA
Meeting of Nuclear Physics Div. (APS)
American Physical Society,
335 E. 45th Str., New York, NY 10017

21-26 Oct. Cambridge, MA, USA
Cambridge Symposium on Optical and Electro-Optical Engineering
International Society for Optical Engineering,
POB 10, Bellingham, WA 98227-0010
PP

21-26 Oct. Erice, Italy
Workshop on Lepton Pair Production
A.J. Stewart-Smith, Dept. of Physics, Princeton Univ., Joseph Henry Lab., Jadwin Hall, POB 708, Princeton, NJ 08544

22-23 Oct. London, UK
Int. Conf. on Microwave Tubes in Systems
Conf. Services, IEE, Savoy Place, London WC2R 0BL
Ab: 25.11.83 / P: 8.6.84

22-25 Oct. Osaka, Japan
9th Int. Conf. on Infrared and Millimetre Waves
A. Mitsuishi, Dept. of Applied Physics, Osaka Univ., Yamada-Oka, Suita, Osaka 565
Ab: 30.4.84 / English / URSI / Y 30000.- incl. conf. digest

27 Oct. - 3 Nov. Boston, MA, USA
Meeting of Plasma Physics Div. (APS)
American Physical Society,
335 E. 45th Str., New York, NY 10017

29 Oct. - 2 Nov. San Diego, CA, USA
Annual Meeting of Optical Society of America
Optical Society of America, 1816 Jefferson Place, N.W., Washington, DC 20036

4-7 Nov. Chicago, IL, USA
General Meeting: American Physical Society
American Physical Society,
335 E. 45th Str., New York, NY 10017

18-20 Nov. Providence, RI, USA
Meeting of Fluid Dynamics Div. (APS)
American Physical Society,
335 E. 45th Str., New York, NY 10017

19-22 Nov. Tokyo, Japan
1st Int. Conf. on Fusion Reactor Materials (ICFRM-1)
R.R. Masiguti, Science Univ. of Tokyo, Faculty of Engineering, Kagurazaka, Shinjuku-ku, Tokyo 162
Ab: 15.5.84 / PP: 1.10.84

12-13 Dec. Cambridge, UK
Molecular Electronic Structure Calculations: Methods and Applications
Mrs. Y.A. Fish, The Royal Society of Chemistry, Burlington House, London W1V 0BN
A: Nov. 84 / Ab: 31.8.84 / PP: 15.8.84 / 100 / £ 27.-

16-21 Dec. Jerusalem, Israel
Int. Conf. on Engineering Ceramics
Ms. Sh. Cahana, Nat. Council for Research and Development, Prime Minister's Office, Jerusalem 91000
PP

16-22 Dec. Honolulu, HI, USA
Int. Symposium on Lanthanide/Actinide Separations
J.D. Navratil, Rockwell International, Rocky Flats Plant, POB 464, Golden, CO 80401

1985

— Budapest, Hungary
12th European Conf. on Controlled Fusion and Plasma Physics

L. Pocs, Central Research Inst. for Physics, Hungarian Academy of Sciences, POB 49, H-1525 Budapest

11-14 Feb. Melbourne, Australia
Polymer 85: Characterization and Analysis of Polymers
J.H. O'Donnell, Polymer and Radiation Group, Dept. of Chemistry, Univ. of Queensland, Brisbane 4067

18-22 March Zurich, Switzerland
Int. Rare Earth Conf.: Materials and Chemistry (IREC 85)
PP

18-22 March Berlin-West
5th EPS General Condensed Matter Physics Conf.
J. Treusch, Univ. Dortmund, Lehrstuhl f. Theoretische Physik, Postfach 500500, D-4600 Dortmund 50

15-19 April Amsterdam, NL
2nd European Conf. on Atomic and Molecular Physics
Mrs. L. Roos, FOM Inst. f. Atomic and Molecular Physics, Kruislaan 407, NL-1098 SJ Amsterdam
Ab: 15.12.84 / 600 / hFI. 250.-

22-26 April Prague, CSSR
10th World Congress of Int. Measurement Confederation (IMEKO 85)
IMEKO, House of Technology, Gorkého nám. 23, CS-112 82 Prague 1
Ab: 30.11.83 / PP: 30.9.84

25-27 April Washington, DC, USA
General Meeting: American Physical Society
American Physical Society,
335 E. 45th Str., New York, NY 10017

10-14 June Sweden
2nd Int. Conf. on Nucleus-Nucleus Collisions
I. Otterlund, Dept. of Physics, Univ. of Lund, Sölvegatan 14, S-22362 Lund
PP / 350

11-15 June Philadelphia, PA, USA
3rd Int. Conf. on Solid State Transducers
Wen H. Ko, Electronic Design Center, Case Western Reserve Univ., Cleveland, Ohio 44106

24-28 June Trondheim, Norway
12th Int. Radiocarbon Conference
Radiological Dating Laboratory, Norwegian Inst. of Technology, N-7034 Trondheim-NTH

1-5 July Munich, FRG
7th Int. Congr. and Exhibition: Laser Opto-electronics
Münchener Messe- und Ausstellungs-GmbH, Messengelände, POB 12 10 09, D-8000 Munich 12

18-24 July Bari, Italy
Int. Europhysics Conf. on High Energy Physics
G. Preparata, INFN and Inst. di Fisica, Univ. of Bari, Via Amendola 173, I-70126 Bari

E 25-30 Aug. Heverlee, Belgium
Europhysics Study Conf. on Tunnelling at Low Temperatures: Fundamentals and Applications
TLT, Laboratory for Solid State Physics and Magnetism, Univ. of Leuven, Celestijnenlaan 200 D, B-3030 Leuven
A: 30.4.85 / Ab: 31.3.85 / NP / 100 / inv. / bFr. 7000.- IOM, 8000.- others, all incl.

26-31 Aug. Budapest, Hungary
2nd Int. Conf. on Phonon Physics
N. Kroo, Central Research Inst. for Physics, Hungarian Academy of Sciences, POB 49, H-1525 Budapest 400

2-6 Sept. Turin, Italy
9th European Crystallographic Meeting
G. Ferraris, Istituto di Mineralogia e Cristallografia dell'Università, Via San Massimo 22, I-10123 Torino

9-13 Sept. Manchester, UK
30th Int. Congress of Pure and Applied Chemistry
The Royal Society of Chemistry, Burlington House, London W1V 0BN

15-21 Sept. Garmisch-Partenkirchen, FRG
24th Colloquium Spectroscopicum Internationale
11th Int. Conf. on Atomic Spectroscopy
K. Laqua, Inst. f. Spektrochemie u. Angewandte Spektroskopie, Postfach 778, D-4600 Dortmund 1

November New Delhi, India
19th General Assembly: Int. Astronomical Union

1986

— Toulouse, France
26th COSPAR Plenary Meeting and associated activities
Z. Niemirowicz, COSPAR Executive Secretary,
51 bd. de Montmorency, F-75016 Paris
PP

Schools 1984

Scholarships for sponsored schools at Erice are available on application to the EPS Secretariat.

16 Jan. - 3 Feb. Trieste, Italy
Workshop on Nuclear Model Computer Codes
Int. Centre f. Theor. Phys., POB 586, I-34100 Trieste

7 Feb. - 30 March Trieste, Italy
Winter College on Fundamental Nuclear Physics
Int. Centre f. Theor. Phys., POB 586, I-34100 Trieste
A: 31.8.83

13-24 Feb. Les Houches, France
Colloidal Crystals
N. Boccara, DPH-GSRM, CEN-Saclay,
F-91191 Gif-sur-Yvette
PP / 60 / inv. / Engl., French / FF 1800.- full board

- 20 Feb. - 1 March** Schladming, Austria
23. Int. Universitätswochen f. Kernphysik
L. Pittner, Inst. f. Theor. Physik, Universitätplatz 5,
A-8010 Graz
A: 1.2.84 / PP / 150 / English
- 20 Feb. - 3 March** Karpacz, Poland
20th Winter School of Theoretical Physics: Phase Transitions and Disordered Systems
A. Pekalski, Inst. of Theor. Physics, Wrocław University, Cybulskiego 36, PL - 50-205 Wrocław
A: 15.11.83 / PP / 80
- 27 Feb. - 2 March** Mauterndorf, Austria
3rd Int. Winterschool on New Developments in Semiconductor Physics: Heterostructures and Two-Dimensional Electronic Systems in Semiconductors
F. Kuchar, Ludwig-Boltzmann-Institut f. Festkörperphysik, Kopernikusgasse 15, A-1060 Wien
- 1-15 March** Les Houches, France
Combustion, Flames and Related Topics
N. Boccara, DPh-GSRM, CEN-Saclay, F-91191 Gif-sur-Yvette
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26^e Cours de Perfectionnement de l'Association Vaudoise des Chercheurs en Physique: Surface Physics
A. Châtelain, Inst. de Physique Expérimentale, EPFL, PHB - Ecublens, CH-1015 Lausanne
A: 15.1.84 / PP / 80 / Engl., French
- 19-30 March** Les Houches, France
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N. Boccara, DPh-GSRM, CEN-Saclay, F-91191 Gif-sur-Yvette
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- 24-30 March** Erice, Italy
Int. School on Quantum Electronics: Workshop on Optical Phase Conjugation
A. Chester, S. Martellucci, Hughes A.C., Bldg. E51, M/SA 269, POB 902, El Segundo, CA 90245, USA
- 25-30 March** Egham, Surrey, UK
Bowdoin College Int. Infrared Course
D. Steel, Royal Holloway College, Egham, Surrey TW20 OEX
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- 31 March - 6 April** Erice, Italy
Int. School of Physics of Exotic Atoms: Study of Fundamental Interactions in Low Energy Systems
G. Torelli, INFN, Via Vecchia Livornese, I-56010 S. Piero a Grado
- 3-15 April** Zakopane, Poland
19th Int. School on Physics: Selected Topics in Nuclear Structure
M. Rybicka, Inst. of Nuclear Physics, PL - 31-342 Krakow
A: 1.1.84 / PP / 100 / US \$ 200.- all incl.
- 4-14 April** Trieste, Italy
Spring School on Supergravity and Supersymmetry
Int. Centre f. Theor. Phys., POB 586, I-34100 Trieste
- 7-19 April** Erice, Italy
Int. School of Crystallography: Direct Methods for Solving Crystal Structures
T.L. Blundell, Dept. of Crystallography, Birkbeck College, Univ. of London, Malet Str., London WC1E 7HX, UK
A: 31.10.83 / 65 / SFr. 1200.- all incl.
- 8-20 April** Erice, Italy
Int. School of Nuclear Physics: Nuclear and Subnuclear Degrees of Freedom and Lepton Nucleus Scattering
A. Faessler, Universität Tübingen, Inst. f. Theor. Physik, Auf der Morgenstelle 14, D-7400 Tübingen
A: 1.3.84 / 120 / US \$ 600.- all incl.
- 25 April - 10 May** Erice, Italy
Int. School of Geodesy: Optimization and Design of Geodetic Networks
A. Marussi, Inst. di Geodesia e Geofisica dell'Università, Via dell'Università 7, I-34100 Trieste
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- 26 April - 22 June** Trieste, Italy
Spring College on Crystalline Semiconducting Materials and Devices
Int. Centre f. Theor. Phys., POB 586, I-34100 Trieste
- 20 May - 3 June** Erice, Italy
Advanced Study Inst.: Fundamentals and Developments of Photocatalytic and Photoelectrochemical Processes
M. Schiavello, Ist. di Ingegneria e Chimica, Viale delle Scienze, I-90128 Palermo
- 10-26 June** Erice, Italy
Int. School of Low Temperature Physics: Exactly Solvable Models in Statistical Mechanics
T. Regge, Ist. di Fisica dell'Università, Corso M. d'Azeglio 46, I-10125 Torino
- 11-24 June** Lofthus/Hardanger, N
1984 CERN School of Physics
D.A. Caton, Scientific Conference Secretariat, CERN, CH-1211 Geneva 23, Switzerland
A: 23.3.84 / 80 / SFr. 1500.-
- July** Grasse, France
Ecole d'Été: La Géophysique interne et l'Espace
Dept. des Affaires universitaires, Centre Spatial de Toulouse, 18 av. Edouard Belin, F-31055 Toulouse Cedex
- 1-10 July** Erice, Italy
Int. School of Biophysics: Vision and Image Understanding
A. Borsellino, Ist. di Scienze Fisiche, Università di Genova, Viale Benedetto XV 5, I-16132 Genova
- 1-14 July** Erice, Italy
Int. School of Material Science and Technology: Surface Dynamical Phenomena (M. Balkanski)
B. Feuerbacher, Inst. f. Raumsimulation, DFVLR, Linder Höhe, Postfach 906058, D-5000 Köln 90
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Int. School of Material Science and Technology: Polycrystalline Semiconductors — Physical Properties and Applications (M. Balkanski)
G. Harbeke, Laboratories RCA Ltd., Badenerstr. 569, CH-8048 Zurich
A: 1.5.84 / PP / 70 / US \$ 600.- all incl.
- 2-27 July** Les Houches, France
Les Houches Summer School: Cellular and Molecular Aspects of Developmental Biology
N. Coiffier, Ecole de Physique Théorique, Côte des Chavants, F-74310 Les Houches
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- 9-13 July** Trieste, Italy
Course on Data Treatment in Astronomy and Astrophysics
G. Sedmak, Osservatorio Astronomico di Trieste, Via G.B. Tiepolo 11, I-34131 Trieste
- 16-27 July** Erice, Italy
Int. School of Heavy Ion Physics: Frontiers in Nuclear Dynamics
R.A. Broglia, The Niels Bohr Institute, Blegdamsvej 17, DK-2100 Copenhagen Ø
A: 16.5.84 / US \$ 600.- all incl.
- 16-27 July** Cesme, Izmir, Turkey
Natural Convection: Fundamentals and Applications - Heat Transfer by Natural Convection
S. Kakac, Dept. of Mechanical Engng., Univ. of Miami, Coral Gables, FL 33124, USA
A: 1.4.84 / PP / 70
- 17-27 July** Venice, Italy
10th Int. School on Disarmament and Research on Conflicts (ISODARCO)
C. Schaerf, Istituto di Fisica, Università di Roma, Piazzale Aldo Moro 2, I-00185 Roma
- 22 July - 3 Aug.** Stanford, CA, USA
SLAC Summer Institute
Patricia M. McDonough, SLAC, Bin 62, POB 4349, Stanford, CA 94305
A: 30.4.84
- 30 July - 10 Aug.** Lüneburg, FRG
Adaptive Methods in Underwater Acoustics
H.G. Urban, Krupp Atlas Elektronik, POB 448544, D-2800 Bremen
A: 15.5.84 / Ab: 1.11.83 / PP: 1.5.84 / 120
- 1 Aug. - 7 Sept.** Les Houches, France
Les Houches Summer School: Critical Phenomena, Random Systems, Gauge Theories
N. Coiffier, Ecole de Physique Théorique, Côte des Chavants, F-74310 Les Houches
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- 2-13 Aug.** St. Croix, Virgin Isl.
Techniques and Concepts of High Energy Physics: Course for Experimental Physicists
T. Ferbel, Dept. of Physics, Univ. of Rochester, Rochester, NY 14627
A: 1.3.84 / PP / 60 / inv.
- 5-15 Aug.** Erice, Italy
Int. School of Subnuclear Physics: Quarks, Leptons and their Constituents (A. Zichichi)
inv.
- 12 Aug. - 1 Sept.** St. Andrews, UK
Scottish Universities Summer School in Physics: Fundamental Forces
C.D. Froggatt, Dept. of Natural Philosophy, University, Glasgow G12 8QQ
A: 15.5.84 / PP / 90 / £ 350.- approx.
- 19 Aug. - 8 Sept.** Dundee, UK
Remote Sensing Applications in Civil Engineering
W.M. Young, Carnegie Lab. of Physics, Univ. of Dundee, Dundee DD1 4HN
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- 27 Aug. - 8 Sept.** Les Arcs, France
Nonequilibrium Phonon Dynamics: Theoretical Review of Physical Phenomena
W.E. Bron, Dept. of Physics, Indiana Univ., Bloomington, IN 47405, USA
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- 28 Aug. - 7 Sept.** Varenna, Italy
Int. Course and Workshop on Plasma Astrophysics
C. Paizis, E. Sindoni, Istituto di Fisica, Via Celoria 16, I-20133 Milano
- 29 Aug. - 12 Sept.** Poiana Brasov, Romania
Int. School: Atomic and Nuclear Heavy Ion Interactions
V. Zoran, Central Inst. for Physics, Box MG6 Bucharest
A: 30.7.84 / Ab: 1.6.84 / PP
- 2-14 Sept.** Alcubideche, Portugal
Advanced Study Institute: Solid State Batteries
C.A.C. Sequeira, Lab. de Electroquímica, Inst. Superior Técnico, Ave. Rovisco Pais, P-1096 Lisboa Codex
A: 30.4.84 / PP / 100 / US \$ 800.-
- 9-22 Sept.** Aiguablava, Spain
1984 CERN School of Computing
Mrs. I. Barnett, Scientific Conference Secretariat, CERN, CH-1211 Geneva 23, Switzerland
A: 30.4.84 / 80 / SFr. 1000.- approx.
- 10 Sept. - 19 Oct.** Trieste, Italy
Autumn College on the Troposphere, Stratosphere and Mesosphere
Int. Centre f. Theor. Phys., POB 586, I-34100 Trieste
A: 31.3.84
- 17-21 Sept.** Minneapolis, MN, USA
1st Joint Int. Aerosol Conference
H. Fissan, Ges. f. Aerosolforschung e.V., c/o Univ. Duisburg, Bismarckstr. 81, D-4100 Duisburg 1
Ab: 15.12.83
- 17-28 Sept.** Izmir, Turkey
Thermodynamics, Fluid Mechanics of Turbomachinery
A.S. Ucer, Mechanical Engineering Dept., Middle East Technical Univ., Ankara
A: 15.6.84 / Ab: 30.9.83 / PP: 15.6.84 / 80 / US \$ 250.- incl. proc.
- 18-30 Sept.** Erice, Italy
Int. School of Biostructure: Interactions between Electromagnetic Fields and Cells
C. Nicolini, Temple Univ., Health Sciences Center, Philadelphia, PA 19140, USA
- 18-30 Sept.** Erice, Italy
School of Mathematics "G. Stampacchia": Optimization and Related Fields
F. Giannessi, Università di Pisa, Dipartimento di Matematica, Via Buonarroti 2, I-56100 Pisa
- 21-30 Sept.** Varna, Bulgaria
3rd Int. School on Condensed Matter Physics: Non-linear Phenomena in Solids — Modern Topics
A.F. Vavrek, Inst. of Solid State Physics, Lenin bul. 72, BG-1184 Sofia
A: 31.5.84 / Ab: 31.5.84 / PP / 100 / Engl., Russian / US \$ 60.-
- 24 Sept. - 5 Oct.** Maratea, Italy
Physics and Engineering of Medical Imaging
R. Guzzardi, CNR Physiological Inst., Via Savi 8, I-56100 Pisa
A: 15.6.84 / Ab: 1.6.84 / PP / 120 / US \$ 400.-

1-14 Oct. Erice, Italy
Int. School of Meteorology of the Mediterranean
A. Nania, Centro Nazionale di Meteorologia e Climatologia, Aeronautica Militare ETAV,
Piazza degli Archivi 34, I-00544 Roma

4-15 Nov. Erice, Italy
Int. School of Cosmic Ray Astrophysics: Cosmic Radiation in Contemporary Astrophysics
M.M. Shapiro, Lab. for Cosmic Ray Physics,
Code 4020, Naval Research Lab., Washington,
DC 20375

5-15 Nov. Erice, Italy
Int. School of Biophysics: Bioelectrochemistry II
A. Borsellino, Ist. di Scienze Fisiche, Università di Genova, Viale Benedetto XV, 5, I-16132 Genova

12 Nov. - 14 Dec. Trieste, Italy
Autumn Course on Semigroups, Theory and Applications
Int. Centre f. Theor. Phys., POB 586, I-34100 Trieste
A: 15.5.84

1985

10-22 April Erice, Italy
Int. School of Nuclear Physics — 9th Course: Nucleus-Nucleus Collisions from the Coulomb Barrier up to the Quark-Gluon-Plasma
A. Faessler, Univ. of Tübingen,
Inst. f. Theor. Physik,
Auf der Morgenstelle 14, D-7400 Tübingen
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