

# europ physics

## news



BULLETIN OF THE EUROPEAN PHYSICAL SOCIETY

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Meetings Issue

March 1987

## Guide to Entries

In 1987 *Europhysics News* is publishing two Meetings Issues: in March and October. Urgent up-datings can also be included in the June Directory Issue in the form of advertisements charged at Sw.Fr. 100.— per insertion. No advertisements can be accepted for October.

The events listed here are those for which details were received at the EPS Secretariat before the end of February 1987. In general, all events interesting European physicists which take place after the beginning of June 1987 are quoted plus a few late notices concerning meetings in May. For other events in April and May, readers are referred to the October 1986, issue of *Europhysics News*.

The listings are in date order divided into two categories — Conferences and Schools although the distinction between these two categories is not always evident. 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 have an **E** preceding the date.

For inclusion in the October 1987 issue, organizers should send details to the EPS Secretariat by 17 Sept. at the latest. Even if full details are not yet available, the preliminary information should be given.

Application for sponsorship should be made to the EPS Secretariat in Geneva.

## 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** **Venue**  
Title

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 1987

**25-27 May** **Strasbourg, France**  
**17th Europhysics Conf. on Macromolecular Physics: Polymer Blends**  
Y. Gallot, Inst. Charles Sadron (CRM-EAHP), 6 rue Boussingault, F-67083 Strasbourg Cedex  
PP / FF 1500.— IOM, mbrs. GFP; 1900.— others; 1300.— students

**25-29 May** **Grenoble, France**  
6<sup>e</sup> Conférence sur les Caloducs  
Grenoble Alpes Congrès, Avenue d'Innsbruck, F-38029 Grenoble Cedex

**25-30 May** **Nairobi, Kenya**  
Workshop for Planning of Network Projects in Materials Science and Solar Energy  
E. Lillethun, IGPD, Dept. of Physics, Univ. of Bergen, Allégt. 55, N-5000 Bergen  
A: 1.3.87 / NP / 45 / French / UNESCO, ICTP

**26-29 May** **Trieste, Italy**  
Adriatic Research Conf. on Novel Energy Source from  $\mu$ -Catalysis Fusion  
International Centre for Theoretical Physics, POB 586, I-34100 Trieste

**28-30 May** **Göttingen, FRG**  
Spectroscopy in Condensed Phases  
Deutsche Bunsen-Gesell. f. Physikalische Chemie, Varrentrappstr. 40-42, D-6000 Frankfurt/Main

**1-4 June** **Marseille, France**  
Télémat — Horizons de l'Optique  
E. Pelletier, ENSPM, Centre d'Etude des Couches Minces, Centre Universitaire de St. Jérôme  
F-13397 Marseille Cedex 13  
NP / 400 / French / FF 800.—

**1-5 June** **Paris, France**  
IAU Symposium No. 133: Mapping the Sky — Past Heritage and Future Directions  
S. Débarbat, Obs. de Paris, 61 ave. de l'Observatoire, F-75014 Paris

**1-5 June** **Tucson, AZ, USA**  
IAU Colloquium No. 95:  
Second Conf. on Faint Blue Stars  
A.G. Davis Philip, 1125 Oxford Place, Schenectady, NY 12308

**1-5 June** **Bad Honnef, FRG**  
Strangeness in Nuclei  
J. Speth, KFA Jülich, Postfach 1913, D-5170 Jülich 1

**1-6 June** **El Escorial, Madrid, Spain**  
18th Int. G.I.F.T. Seminar: Strings and Superstrings  
Marina Ramon-Medrano, Departamento Fisica Teorica, Facultad de Fisicas, E-28040 Madrid

**1-6 June** **Grenoble, France**  
Colloque International en l'honneur de J.L. Koszul  
J. Gasqui, Institut Fourier, BP 74, F-38402 St. Martin d'Hères Cedex

**1-6 June** **Antibes, France**  
6th Int. Colloquium on Plasmas and Sputtering  
Société Française du Vide, 19 rue du Renard, F-75004 Paris  
PP: 15.4.87 / French / FF 2100.—, incl. proc.

**2-5 June** **Strasbourg, France**  
Annual Conference of the European Materials Research Society:  
— Photon, Beam and Plasma Enhanced Processing;  
— Growth, Characterization, Processing of III-V Materials with Correlations to Device Performances;  
— Amorphous Hydrogenated Carbon Films  
P. Siffert, Centre de Recherches Nucléaires, Laboratoire PHASE, F-67037 Strasbourg Cedex  
PP: 2.6.87 / NATO / FF 1000.— IOM, before 15.5.87, 1200.— after; 1200.— others; 400.— students; all incl.

**3-5 June** **Dayton, OH, USA**  
9th Symp. on Applied Surface Analysis  
J.T. Grant, Research Institute, Univ. of Dayton, Dayton, OH 45469-0001

**4-5 June** **College Park, MD, USA**  
8th US Symp. on Compact Toroid Research  
A.W. De Silva, Lab. for Plasma and Fusion Energy Studies, Univ. of Maryland, College Park, MD 20742

**8-13 June** **Brussels, Belgium**  
IAU Colloquium No. 97: Wide Components in Double and Multiple Stars: Problems of Observation and Interpretation  
J. Dommangeat, Obs. Royal de Belgique, 3 Ave. Circulaire, B-1180 Bruxelles

**9-11 June** **Trieste, Italy**  
Int. Conf. on Cometary Plasma Physics (Results from Recent Space Missions)  
International Centre for Theoretical Physics, POB 586, I-34100 Trieste

**9-12 June** **Nijmegen, NL**  
Int. Congress: Newton's Philosophical and Scientific Legacy  
Dept. of Philosophy, Fac. of Science, Univ. of Nijmegen, Toernooiveld, NL-6525 ED Nijmegen

**9-12 June** **Penticton, BC, Canada**  
Interaction of Supernova Remnants with the Interstellar Medium  
R.S. Roger, Dominion Radio Astrophysical Observatory, Box 248, Penticton, BC V2A 6K3

**9-13 June** **Berchtesgaden, FRG**  
Jahrestagung der Deutschen Gesellschaft f. angewandte Optik (DGAO)  
R. Torge, c/o Carl Zeiss, Postfach 1369/1380, D-7082 Oberkochen  
A: 15.5.87

**10-12 June** ◀ Budapest, Hungary  
6th Symposium on Signal Processing in Measurement  
IMEKO, POB 457, H-1371 Budapest 5

**10-13 June** Düsseldorf, FRG  
**Dynamic Days**  
**G. Eilenberger, IFF, KFA Jülich, Postfach 1913,  
D-5170 Jülich**  
**150 / DM 30.-**

**14-18 June** St. Charles, IL, USA  
Int. Cryogenic Materials Conference and  
Cryogenic Engineering Conference  
Jean Plese, Fermilab M.S. 105, POB 500,  
Batavia, IL 60510

**14-19 June** Turku, Finland  
IAU Colloquium No. 96: The Few Body Problem  
M. Valtonen, Turku Univ. Observatory,  
It. Pitkäkatu 1, SF-20520 Turku 52

**15-17 June** Linköping, Sweden  
**2nd Nordic Conference on Surface Science**  
**Ingrid Nyman, Dept. of Physics and Meas.  
Technol. Linköping Univ., S-58183 Linköping**  
**PP / 250**

**15-19 June** Dublin, Ireland  
NASECODE V: 5th Int. Conf. on the Numerical Analysis  
of Semiconductor Devices and Integrated Circuits  
(17-19.6);  
NASECODE V Short Course: The Interfaces and Integration  
of Process, Device and Circuit Models —  
An Introduction  
NASECODE V, POB 5, 51 Sandycove Road,  
Dun Laoghaire, Co Dublin  
PP

**15-19 June** Budapest, Hungary  
Workshop on Topical Problems of Testing the Standard  
Model in High Energy Reactions  
F. Csikor, Inst. for Theor. Physics, Roland Eötvös  
University, Puskin u. 5-7, H-1088 Budapest

**15-19 June** Veldhoven, NL  
NATO Advanced Research Workshop: Reflection High  
Energy Electron Diffraction and Reflection  
Electron Imaging of Surfaces  
P.K. Larsen, Philips Research Labs.,  
POB 80.000, NL-5600 JA Eindhoven  
PP / 45 / inv. / NATO

**15-19 June** Dubrovnik, Yugoslavia  
6th Adriatic Int. Conf. on Nuclear Physics; Frontiers of  
Heavy-Ion Physics  
Roman Čapljar, Adriatic Conferences, Rudjer Boskovic  
Inst., POB 1016, YU-41001 Zagreb  
A: 15.5.87 / Ab: 15.5.87 / PP: 15.6.87 / 120 / inv. /  
US\$ 400.— incl. incl.

**15-20 June** Balatonfüred, Hungary  
IAU Symposium No. 130: Evolution of Large Scale  
Structures in the Universe  
J. Audouze, Inst. d'Astrophysique,  
98 bis, boulevard Arago, F-75014 Paris

**15-20 June** Varna, Bulgaria  
16th Int. Colloquium on Group Theoretical Methods in  
Physics  
B. Aneva, Inst. for Nuclear Research and Nuclear  
Energy, Blvd. Lenin 72, BG-1184 Sofia  
A: 15.4.87 / PP / 250 / US\$ 80.— incl. proc.

**15 June - 28 Aug.** New Hampshire & Rhode Is., USA  
Gordon Research Conferences: Frontiers of Science  
15-19.6: Magnetic Resonance  
22-26.6: Liquid Crystals  
Plasma Physics  
29.6-3.7: Polymers  
Condensed Matter Physics  
6-10.7: Atomic Physics  
Fibre Science  
3-Dimensional Electron Microscopy of Macromolecules  
13-17.7: Laser Diagnostics in Combustion  
Metal Hydrides  
Space Plasma Physics  
20-24.7: Physical Metallurgy  
Point and Line Defects and Interfaces in Semiconductors  
27-31.7: Fluids in Permeable Media  
Non-linear Optics and Lasers  
3-7.8: Ion Containing Polymers  
Metals and Semiconductor Clusters  
10-14.8: Dynamics of Gas Surface Interactions  
Dynamics of Simple Systems  
Liquids  
Nuclear Structure Physics  
17-21.8: Gravitational Effects in Materials  
Molten Salts and Liquid Metals  
Science of Adhesion  
24-28.8: Ultrashort Wavelength Lasers  
A.M. Cruickshank, Gordon Research Center,  
Univ. of Rhode Island, Kingston, RI 02881-0801  
US\$ 310.— NH; 325.— RI; incl. board, lodg.

**22-25 June** Amsterdam, NL  
**2nd Int. Conf. on the Structures of Surfaces  
(ICSOS-2)**  
**Ms. Louise Roos, FOM, Kruislaan 407,  
NL-1098 SJ Amsterdam**  
**PP: 22.6.87 / 300 / IUPAP / HFL 475.—**

**22-26 June** Åre, Sweden  
8th Int. Conf. on Laser Spectroscopy (EICOLS 87)  
Sune Svanberg, Dept. of Physics, Lund Inst. of  
Technology, Box 118, S - 221 00 Lund  
PP / 300 / inv. / IUPAP

**22-26 June** Victoria, BC, Canada  
Circumstellar Matter in Close Binary Systems  
A.H. Batten, Herzberg Institute of Astrophysics,  
Dominion Astrophysical Observatory,  
5071 W. Saanich Road, Victoria BC V8X 4M6

**22-26 June** Madrid, Spain  
**14th European Conf. on Controlled Fusion  
and Plasma Physics**  
**Mrs. I. Garrido, Div. de Fusion, JEN, Avda.  
Complutense, 22, E-28040 Madrid**  
**A: 8.5.87 / PP: 8.5.87 / PTAS 17600.—**  
**IOM; 18800.— Mbrs. 4b); 22000.—**  
**others; 10000.— students; incl. proc.**

**22-26 June** Newport News, VA, USA  
1987 CEBAF Summer Workshop: Continuous Electron  
Beam Accelerator Facility  
Ramona Rickman, CEBAF Research Div.,  
12070 Jefferson Ave., Newport News, VA 23606

**23-27 June** Beijing, China  
Int. Symp. on Medium Energy Physics  
Wang Xue-ying, Inst. of High Energy Physics,  
Academia Sinica, POB 918, Beijing  
Ab: 30.4.87

**25 June - 1 July** Uppsala, Sweden  
**Int. Europhysics Conf. on High Energy  
Physics**  
**Ms. Ingrid Fagerström, Uppsala Univ.,  
Box 256, S - 751 21 Uppsala**  
**PP / 700 / inv. / SKR 1000.— IOM;**  
**1200.— others**

**27 June - 1 July** Novosibirsk, USSR  
**Modern Developments in Nuclear Physics**  
**V.F. Dmitriev, Institute of Nuclear Physics,  
Novosibirsk 90**  
**Ab: 1.4.87 / 120 / inv. / Russian / US\$ 150.— incl.  
proc.**

**28 June - 4 July** ◀ Agia Pelagia, Crete, Greece  
**Int. Conf. on Nuclear Shapes**  
**C.A. Kalfas, NRC Demokritos,  
Agia Paraskevi, GR - 153 10 Athens**  
**A: 1.5.87 / Ab: 1.4.87 / 200 / US\$ 100.—**

**29 June - 2 July** Liège, Belgium  
27th Liège Int. Symp.: Astrophysics with High  
Precision Observations  
L. Delbouille, Inst. d'Astrophysique,  
5 ave. de Cointe, B-4200 Liège-Ougrée

**29 June - 3 July** Cetraro, Italy  
Solitons, Instabilities and Chaotic Processes in Fluid  
Dynamics  
R.D. Parmentier, Dipto. di Fisica, Univ. di Salerno,  
I-84100 Salerno  
LIT 100'000.—

**29 June - 3 July** Paris, France  
IAU Symposium No. 132: The Impact of Very High S/N  
Spectroscopy on Stellar Physics  
G. Cayrel-de Strobel, Obs. de Paris, Section de Meudon,  
F-92195 Meudon Principal Cedex

**29 June - 4 July** Cambridge, UK  
Conference on 300 Years of Gravity  
S.W. Hawking, DAMPT, Silverstreet,  
Cambridge CB3 9EW

**29 June - 3 July** Les Arcs, France  
Conf. on Physics and Technology of Amorphous SiO<sub>2</sub>  
A. Revesz, Electronics Technol. Div., NRL,  
Washington, DC 20375, USA

**29 June - 4 July** Orsay, France  
1987 Workshop on New Developments in Particle  
Acceleration Techniques  
Mrs. N. Mathieu, LAL - Bât. 200,  
F-91405 Orsay Cedex  
120 / inv. / FF 1000.— incl. proc.

**30 June - 4 July** Trieste, Italy  
Adriatico Research Conf. on One-Dimensional Organic  
Conductors  
International Centre for Theoretical Physics,  
POB 586, I-34100 Trieste  
NP / 80

**1-3 July** St. Andrews, UK  
14th IoP Annual Plasma Physics Conference  
Meetings Officer, The Institute of Physics,  
47 Belgrave Square, London SW1X 8QX

**6-9 July** London, UK  
Ultrasonics International '87 Conference and  
Exhibition  
Marija Vukovajac, Butterworth Scientific Ltd., POB 63,  
Westbury House, Bury Street, Guildford GU2 5BH

**6-9 July** Prague, CSSR  
Int. Seminar on Biophysical Aspects of Cancer  
J. Pokorny, Fac. of Math. and Phys., Charles Univ.,  
Ke Karlovu 3, CS - 121 16 Praha 2  
Ab: 31.10.86 / PP: 1.3.87

**6-10 July** Canterbury, UK  
8th Int. Meeting on NMR Spectroscopy  
John F. Gibson, Royal Soc. of Chemistry,  
Burlington House, London W1V 0BN

**6-12 July** Protvino, USSR  
10th Workshop on High-Energy Physics and Field  
Theory  
IHEP, Serpukhov, USSR  
PP / Russian

**8-10 July** Il Ciocco, Castelvechio Pascoli, Italy  
Int. Workshop on Instabilities, Dynamics and Chaos in  
Nonlinear Optical Systems  
E. Arimondo, Ist. di Fisica dell'Università,  
Piazza Torricelli 2, I-56100 Pisa

**12-17 July** Wheeling, WV, USA  
1987 Conf. on Dynamics of Molecular Collisions  
P.J. Dagdigan, Dept. of Chemistry,  
Johns Hopkins Univ., Baltimore, MD 21218

**13-16 July** Prague, CSSR  
10th Discussion Conf. on Small-Angle Scattering and  
Related Methods  
P.M.M. Secretariat, Inst. of Macromolecular Chemistry,  
Czechoslovak Acad. of Sciences,  
CS - 162 06 Praha 616  
IUPAC

**13-17 July** Swansea, UK  
18th Int. Conf. on Phenomena in Ionized Gases  
W.T. Williams, Dept. of Physics, Univ. College,  
Singleton Park, Swansea SA2 8PP  
IUPAP

**13-17 July** Boulder, CO, USA  
4th Int. Conf. on Multiphoton Processes  
S.J. Smith, JILA, CB 440, Univ. of Colorado,  
Boulder, CO 80309

**14-17 July** Trieste, Italy  
Adriatico Research Conf. on Vacuum in  
Non-Relativistic Matter-Radiation Systems  
International Centre for Theoretical Physics,  
POB 586, I-34100 Trieste

**14-17 July** Dublin, Ireland  
**19th EGAS Conference**  
**E.T. Kennedy, School of Physical Sciences,  
NIHE Dublin, Glasnevin, Dublin 9**  
**A: 17.4.87 / Ab: 5.6.87 / PP / 300 / £ 65.—**  
**incl. proc.**

**16-17 July** London, UK  
4th Int. Workshop on Positrons in Gases  
(Satellite Meeting of 15th ICPEAC)  
J. Hunberston, University College, London WC1E 6BT

**17-25 July** Mexico City and Oaxtepec, Mexico  
Inter-American Conf. on Physics Education  
Jorge Barojas Weber, Departamento de Fisica,  
UAM-Iztapalapa, POB 55-534, Mexico 09340 D.F.  
IUPAP

**18-19 July** ◀ Daresbury, UK  
Electron-Molecule Scattering and Photo-Ionization  
(Satellite Meeting of 15th ICPEAC)  
Mrs. S.A. Lowndes, SERC Daresbury Lab.,  
Warrington WA4 4AD

**20-24 July** Bordeaux, France  
Int. Conf. on Liquid Crystal Polymers  
Int. Symp. on Ferroelectric Liquid Crystals  
F. Hardouin (1), C. Destradre (2), Centre de  
Recherche Paul Pascal, Domaine Universitaire,  
F-33405 Talence Cedex

**22-28 July** Brighton, UK  
16th Int. Conf. on the Physics of Electronic and Atomic  
Collisions (ICPEAC)  
W.R. Newell, Dept. of Phys., University College,  
Gower Street, London WC1E 6BT  
A: 1.5.87 / Ab: 1.3.87 / PP / IUPAP

**26-30 July** Mountain View, WI, USA  
IAU Symposium No. 135: Interstellar Dust  
J. Mathis, Dept. of Astronomy, Univ. of Wisconsin,  
475 N. Charter St., Madison, WI 53706

**27-29 July** Bloomington, IN, USA  
IAU Symposium No. 106: Evolution of Peculiar Red  
Giant Stars  
H.P. Johnson, Astronomy Dept., Swain W. 319,  
Indiana Univ., Bloomington, IN 47405

**27-30 July** Antwerp, Belgium  
5th European Conf. on Internal Friction and  
Ultrasonic Attenuation in Solids (ECIFUAS-5)  
R. De Batist, S.C.K.-C.E.N., Boeretang 200,  
B-2400 Mol  
Ab: 1.1.87 / PP / 200 / BFR 9000. - IOM;  
9500. - others

**27-30 July** Heidelberg, FRG  
5th Int. Topical Meeting on Photoacoustic and  
Photothermal Phenomena  
Peter Hess, Phys.-Chem. Inst. der Univ.,  
Im Neuenheimer Feld 253, D-6900 Heidelberg  
PP / 200 / DM 330. - before 1.6.87, 400. - after;  
180. - students before 1.6.87, 230. - after;  
incl. proc.

**27-31 July** Hamburg, FRG  
1987 Int. Symp. on Lepton and Photon Interactions at  
High Energies  
P. Söding, DESY, Notkestrasse 85,  
D-2000 Hamburg 52  
Ab: 15.4.87 / PP: 1.6.87 / 1000 / IUPAP

**27-31 July** Santa Fe, NM, USA  
7th Int. Conf. on the Electronic Properties of  
2-Dimensional Systems  
John M. Worlock, Navesink Center, Room 3X-283, Bell  
Com. Research Inc., Red Bank, NJ 07701-7020  
Ab: 3.4.87 / PP / IUPAP

**28-31 July** Trieste, Italy  
Adriatico Research Conf. on Scanning Tunnelling  
Microscopy — Fundamental Experimental and  
Theoretical Progress  
International Centre for Theoretical Physics,  
POB 586, I-34100 Trieste

**30-31 July** Belfast, UK  
Int. Symp. on Polarization and Correlation in Electron-  
Atom Collisions  
(Satellite Meeting of 15th ICPEAC)  
A. Crowe, Pure and Applied Physics, Queen's Univer-  
sity, Belfast BT7 1NN, Northern Ireland

**30-31 July** Egham, Surrey, UK  
Atomic Spectra and Collision in External Fields II  
(Satellite Meeting of 15th ICPEAC)  
K.P. Taylor, Royal Holloway and Bedford New College,  
Egham, Sussex TW20 0EX

**30 July - 1 Aug.** Oxford, UK  
Meeting on Atomic Collision in Fusion  
(Satellite Meeting of 15th ICPEAC)  
H.P. Summers, JET, Abingdon, Oxon. OX14 3EA

**2-8 Aug.** Oulu, Finland  
5th Int. Conf. on Recent Progress in Many-Body  
Theories  
E. Pajanne, Research Inst. for Theoretical Physics,  
Siltavuorenpenger 20 C, SF-00170 Helsinki  
PP / 130 / US\$ 50. - / IUPAP

**2-15 Aug.** Moscow, USSR  
20th Int. Cosmic Ray Conference  
A.E. Chudakov, P.N. Lebedev Physics Inst.,  
Leninsky Prospekt 53, SU-Moscow 11724  
IUPAP

**3-5 Aug.** Debrecen, Hungary  
3rd Workshop on High-Energy Ion-Atom Collision  
Processes  
D. Berényi, Inst. of Nuclear Research, H.A.S.,  
Bem tér 18/c, PF. 51, H-4001 Debrecen  
A: 1.4.87 / PP: 1.8.87 / 50 / inv. / FT 1300. - IOM;  
1500. - others

**3-7 Aug.** Montreal, Canada  
6th Int. Conf. on Rapidly Quenched Metals  
Univ. de Montréal, Dept. de Physique,  
C.P. 6138, Montréal, Québec H3C 3J7  
A: 15.5.87 / Ab: 15.2.87 / PP: 1.6.87 / CAN\$ 325. -  
before 15.5.87; 375. - after; 75. - students  
before 15.5.87, 100. - after

**6-8 Aug.** Tampere, Finland  
European Conf. on Metallic Thin Films  
Markus Pessa, Dept. of Physics, Tampere Univ. of  
Technology, POB 527, SF-33101 Tampere

**6-8 Aug.** Joensuu, Finland  
Symp. on The Foundations of Modern Physics:  
The Copenhagen Interpretation 60 years after the  
Como Lecture  
Jouni Viiri, Univ. of Joensuu, POB 111,  
SF-80101 Joensuu

**10-14 Aug.** Helsinki, Finland  
7th EPS General Conference  
Miss M. Vuori, Low Temperature Lab.,  
Helsinki University of Technology,  
SF-02150 Espoo 15  
Ab: 15.4.87 / PP: 14.8.87 /  
SFR 160. - IOM before 1.6.87, 200. -  
after; 200. - mbrs. 4b) before 1.6.87,  
240. - after; 280. -/320. - others;  
40. - students; incl. proc.  
For advice on travel arrangements,  
see *Europhys. News* next month.

**11-14 Aug.** Trieste, Italy  
Adriatico Res. Conf. on Interatomic Forces, Defects and  
Disorder in Condensed Matter  
International Centre for Theoretical Physics,  
POB 586, I-34100 Trieste

**12-20 Aug.** Perth, Western Australia  
14th General Assembly of the International  
Union of Crystallography  
E.N. Maslen, Crystallography Centre,  
Univ. of W. Australia, Nedlands 6009

**15-19 Aug.** Palo Alto, CA, USA  
IAU Colloquium No. 104: Solar and Stellar Flares  
B.M. Haish, Bldg. 255, Lockheed Res. Lab.,  
3251 Hanover St., Palo Alto, CA 911304

**15-19 Aug.** Santa Cruz, CA, USA  
IAU Symposium No. 134: Active Galactic Nuclei  
D.E. Osterbrock, Lick Observatory, Univ. of California,  
Santa Cruz, CA 95064

**16-21 Aug.** San Diego, CA, USA  
SPIE's 31st Annual Int. Techn. Symp. on Optical and  
Optoelectronic Applied Science and Engineering  
and  
Symp. on Fiber Optics and Integrated Optoelectronics  
SPIE, POB 10, Bellingham, WA 98227-0010

**16-21 Aug.** Stanford, CA, USA  
16th Conf. on Stochastic Processes and  
their Applications  
D. Iglehart, Dept. Oper. Res., Stanford University,  
Stanford, CA 94305

**17-21 Aug.** Clayton, Australia  
Int. Conf. on the Applications of the Mössbauer Effect  
J.D. Cashion, Dept. of Physics, Monash Univ. Clayton,  
Victoria 3127  
IUPAP

**17-21 Aug.** Beijing, P.R.C. (China)  
1987 Int. Conference on Luminescence  
Xu Xurong, Changchun Inst. of Physics,  
Xinmin Street 13, Changchun  
IUPAP

**17-21 Aug.** Rio de Janeiro, Brazil  
Energy Independence Conference on Fusion Energy  
and Plasma Physics  
L. Pinguelli Rosa, COPPE-UFRJ, C.P. 68501,  
21.190 Rio de Janeiro - RJ  
P: 30.6.87 / IUPAP

**18-21 Aug.** Torun, Poland  
IAU Colloquium No. 103: The Symbiotic Phenomenon  
M. Friedjung, IAP, 98 bis boulevard Arago,  
F-75014 Paris

**19-26 Aug.** Kyoto, Japan  
18th Int. Conf. on Low Temperature Physics  
Sadao Nakajima, Tokay University,  
Kitakaname 1117, Hiratsuka 259-12  
IUPAP

**E 22-25 Aug.** Vilnius, USSR  
Europhysics Study Conference: 5th Int. Symp.:  
Ultrafast Phenomena in Spectroscopy -  
UPS-87  
J. Pozela, Inst. of Physics of the Acad. of Sciences  
of the Lithuanian SSR,  
K. Pozeleos 54, SU-232600 Vilnius  
100 / US\$ 140. - IOM; 160. - others;  
50. - students, incl. board, lodg.

**23-28 Aug.** Quebec, Canada  
14th Gen. Ass. of the International Commission for  
Optics (ICO-14)  
L. Forget, National Research Council,  
Ottawa, Ontario, CDN K1A 0R6  
PP / 400

**23-29 Aug.** Como, Italy  
Int. Meeting: Differential Geometrical Methods in  
Mathematical Physics  
K. Bleuler, Inst. f. Theoretische Kernphysik,  
Univ. Bonn, D-5300 Bonn 1

**24-27 Aug.** Budapest, Hungary  
Symposium on Molecular Electronics and  
Biocomputers  
Geza Biczó, Eötvös Lorand Phys. Soc., Anker Köz 1-3,  
H-1061 Budapest  
Ab: 1.5.87 / PP: 25.8.87 / 200

**24-28 Aug.** Novosibirsk, USSR  
11th Int. Symp. on Nonlinear Acoustics  
W.G. Mayer, Phys. Dept., Georgetown Univ.,  
Washington, DC 20057, USA

**24-28 Aug.** Vienna, Austria  
6th Int. Conf. on Fourier Transform Spectroscopy  
R. Kellner, Technische Universität Wien,  
Getreidemarkt 9, A-1060 Wien  
A: 1.7.87 / PP: 1.8.87 / 500 / IUPAC, IUPAP /  
US\$ 130. - IOM; 180. - others;  
20. - students; incl. proc.

**24-28 Aug.** Prague, Czechoslovakia  
12th Int. Conf. on Amorphous and Liquid  
Semiconductors — ICALS 12  
J. Kocka, Inst. of Physics, Academy of Sciences,  
Na Slovance 2, CS-180 40 Praha  
Ab: 28.2.87 / PP: 10.7.87 / 650 / IUPAP /  
approx. US\$ 200. - incl. proc.

**24-29 Aug.** Prague, CSSR  
10th IAU European Regional Astronomy Meeting  
L. Perek, Astronomical Institute CSAV,  
Budešská 6, CS - 120 23 Praha 2

**24-29 Aug.** Varenna, Italy  
Workshop on Theory of Fusion Plasmas  
F. Troyon, CRPP, EPFL, 21 av. des Bains,  
CH-1007 Lausanne

**25-27 Aug.** Tsukuba, Japan  
Physics in Collisions VII  
K. Takahashi, KEK Tsukuba, Nat. Lab. for High Energy  
Physics, Oho-machi, Tsukuba-gun, Ibaraki 305

**25-27 Aug.** Postdam, GDR  
High Pressure Geosciences and Material  
Synthesis  
H. Vollstädt, Central Institute for Geophysics,  
Academy of Sciences, Telegrafenberg,  
DDR-1500 Postdam  
A: 15.4.87 / PP / 200 / DM 400. - incl. board, lodg.

**25-28 Aug.** Graz, Austria  
6th COMPUMAG Conf. on the Computation of  
Magnetic Fields  
COMPUMAG Secretariat, c/o Interconvention,  
POB 80, A-1107 Wien

**28-29 Aug.** Tokyo, Japan  
1987 Int. Superconductivity Electronics Conf.  
M. Sugahara, Yokohama Nat. Univ., 156 Tokiwadai,  
Hodogaya-ku, Yokohama 240

**31 Aug. - 3 Sept.** Bad Soden, FRG  
9th Int. Workshop on Rare-Earth Magnets and their  
Applications, and  
5th Int. Symp. on Magnetic Anisotropy and Coercivity  
in Rare Earth-Transition Metal Alloys  
Mrs. E. Wüsthoff, Deutsche Physikal. Ges. e.V.,  
Hauptstr. 5, D-5340 Bad Honnef

**31 Aug. - 3 Sept.** Maratea, Italy  
Real-Time Object and Environment Measurement and  
Classification  
A.K. Jain, Dept. of Computer Science, A 726 Wells Hall,  
Michigan State Univ., E. Lansing, MI 48824, USA  
PP / 30 / inv.

**31 Aug. - 4 Sept.** Leuven, Belgium  
**6th Int. Symp. on Capture Gamma-Ray Spectroscopy and Related Topics**  
**P. Van Assche, Nuclear Energy Centre, SCK/CEN, B-2400 Mol**  
**Hotel res.: 15.6.87 / Ab: 15.12.86 / PP: 15.6.87 / 250 / FB 7500.- before 15.6.87, 8000.- after; incl. proc.**

**31 Aug. - 4 Sept.** Davos, Switzerland  
 Annual Davos Seminars on Semiconductor Materials and Devices  
 CEI-Europe, Rörstorpsvägen 5, S-612 00 Finspang

**31 Aug. - 4 Sept.** Tokyo, Japan  
 8th Int. Symp. on Plasma Chemistry (ISPC8) and Workshop on Industrial Plasma Development  
 Int. Congress Service Inc., Kasho Building 2F, 2-14-9, Hihombashi, Cho-ku, Tokyo 103  
**A: 31.5.87 / PP: 31.5.87 / IUPAC / YEN 30'000.- before 31.5.87, 45'000.- after; incl. proc.**

**31 Aug. - 4 Sept.** Pardubice, CSSR  
 7th Liquid Crystal Conf. of Socialist Countries  
 S. Pirkil, Univ. of Chemical Technology, CS-532 10 Pardubice  
**A: 31.5.87 / NP / approx. SFR 220.-**

**1-4 Sept.** Badgastein, Austria  
 Soft Magnetic Materials 8 Conference (SMM 8)  
 H. Pfützner, Bioelectricity & Magnetism Div., Univ. of Techn., Gusshausstrasse 27, A-1040 Wien  
**PP: 1.9.87 / 200 / OES 4000.- incl. proc.; 1200.- students**

**1-4 Sept.** Trieste, Italy  
 Adriatico Research Conf. on The Path Integral Method with Applications  
 International Centre for Theoretical Physics, POB 586, I-34100 Trieste

**2-5 Sept.** Pisa, Italy  
**9th Specialized Ampere Colloquium H.O.D.**  
**A. Gozzini, Ist. di Fisica, Università di Pisa, Piazza Torricelli 2, I-56100 Pisa**  
**A: May 87 / Ab: 15.4.87 / PP: June 87 / 100 / French, It. / FF 250.- IOM; 300.- others; incl. proc.**

**3-7 Sept.** Nice, France  
 Spectral Line Formation in Plasmas under Extreme or Unusual Conditions  
 E. Schatzman and N. Peyraud, Observatoire de Nice, BP 139, F-06003 Nice Cedex  
 70 / inv.

**6-10 Sept.** Grainau (nr. Garmisch-Partenkirchen), FRG  
**5th Int. Conf. on Vibrations at Surfaces**  
**H. Conrad, Fritz-Haber-Inst. der MPG, Faradayweg 4-6, D-1000 Berlin 33**  
**A: 19.6.87 / Ab: 1.4.87 / PP / 150 / DM 100.- IOM; 150.- others**

**6-11 Sept.** Manchester, UK  
 EMAG '87: Electron Microscopy and Analysis Group Conference  
 Meetings Officer, Institute of Physics, 47 Belgrave Square, London SW1X 8QX

**6-11 Sept.** Garmisch-Partenkirchen, FRG  
 6th Int. Conf. on Solid State Ionics  
 Werner Weppner, MPI f. Festkörperforschung, Heisenbergstr. 1, D-7000 Stuttgart 80  
 PP

**6-13 Sept.** Villars-sur-Ollon, Switzerland  
 4th LEAR Workshop  
 C. Leluc, Univ. de Genève, Dépt. de Phys. Nucléaire, 24, quai E.-Ansermet, CH-1211 Genève 4  
 PP

**7-9 Sept.** Brighton, UK  
**Interactions and Structures in Nuclei**  
**W.D. Hamilton, School of Math. and Phys. Sciences, Univ. of Sussex, Brighton BN1 9QH**  
**A: 30.4.87 / PP / 170 / £ 60.- IOM; 95.- others; incl. proc.; 18.- students**

**7-11 Sept.** Bechyne Castle, CSSR  
 4th Symposium on Surface Physics  
 J. Koukal, Inst. of Physics, Czech. Acad. Sci., Na Slovance 2, CS-180 40 Praha 8  
**PP: 1.7.87 / 100 / inv. / IUPAP / US\$ 100.- or Rb 100.-; all incl.**

**7-11 Sept.** Paris, France  
 Euroanalysis VI, All Aspects of Analytical Sciences  
 G.A.M.S., 88 blvd Malesherbes, F-75008 Paris

**7-11 Sept.** Colchester, UK  
 Properties of Impurity States in Superlattice Semiconductors  
 C.Y. Fong, Dept. of Physics, Univ. of California, Davis, CA 95616, USA  
 PP / inv. / NATO

**7-11 Sept.** London, UK  
 London Conf. on Positron-Sensitive Detectors  
 D.J. Miller, Dept. of Physics and Astronomy, Univ. College London, Gower Street, London WC1E 6BT  
**A: 10.6.87 / Ab: 10.6.87 / PP: 11.9.87 / 300**

**7-11 Sept.** Poznan, Poland  
 6th European Meeting on Ferroelectricity  
 J. Stankowski, Inst. of Molecular Physics, ul. Smoluchowskiego 17/19, PL - 60 179 Poznan  
**500 / US\$ 150.-; incl. proc.**

**7-11 Sept.** Dresden, GDR  
 EPM 87 - Int. Conf. on Energy Pulse and Particle Beam Modification of Materials  
 E. Wieser, Zentralinstitut f. Kernforschung Rossendorf, Postfach 19, DDR-8051 Dresden  
**Prel. A: 31.12.86 / A: 31.3.87 / Ab: 31.12.86 / PP: 31.3.87 / 250 / M 350.-**

**7-11 Sept.** Paris, France  
**42nd Int. Meeting of Physical Chemistry: Chemical Reactivity in Liquids - Fundamental Aspects**  
**C. Troyanowski, 10 rue Vaouelin, F-75231 Paris Cedex 05**  
**A: 15.7.87 / P: 15.6.87 / 100 / French / FF 900.-**

**7-11 Sept.** Reading, UK  
 Physical Aspects of Polymer Science  
 Meetings Officer, The Institute of Physics, 47 Belgrave Square, London SW1X 8QX

**9-11 Sept.** Louvain-la-Neuve, Belgium  
 7th GAMM Conf. on Numerical Methods in Fluid Mechanics  
 M. Deville, Unité de Mécanique Appliquée, 2 Place du Levant, B-1348 Louvain-la-Neuve

**9-11 Sept.** Beaulieu-sur-Mer, France  
 9th Int. Colloquium on UV and X-Ray Spectroscopy of Astrophysical and Laboratory Plasmas  
 F. Bely-Dubau, Observatoire de Nice, B.P. 139, F-06003 Nice Cedex

**E 13-17 Sept.** Varna, Bulgaria  
**9th Europhysics Study Conf.: From Cold to Hot Nuclei**  
**Institute for Nuclear Research and Nuclear Energy, Boul. Lenin 72, BG-1784 Sofia**  
**Part. limited / inv. / US\$ 80.-**

**13-18 Sept.** Versailles, France  
 6th Int. Conf. on Secondary Ion Mass Spectrometry (SIMS VI)  
 Société Française du Vide, 19 rue du Renard, F-75004 Paris  
**P: 15.8.87 / FF 2050.-**

**14-16 Sept.** Birmingham, UK  
 Faraday Discussion No. 84: Dynamics of Elementary Gas Phase Reactions  
 Mrs. Y.A. Fish, Royal Soc. of Chemistry, Burlington House, London W1V 0BN  
**A: 3.8.87 / PP: 15.5.87 / 200 / £ 50.- incl. proc.**

**14-16 Sept.** Sheffield, UK  
 Recent Advances in EPR Spectroscopy  
 N.M. Atherton, Dept. of Chemistry, The University, Sheffield, S3 7HF  
**A: 15.7.87 / Ab: 15.7.87 / 85**

**14-16 Sept.** Salford, UK  
**European Magnetic Materials and Applications Conference (EMMA 87)**  
**P.J. Grundy, Dept. of Pure and Applied Physics, Univ. of Salford, Salford M5 4WT**  
**PP / 300**

**14-16 Sept.** Vienna, Austria  
**Matter Wave Interferometry in the Light of Schrödinger's Wave Mechanics**  
**H. Rauch, Atominst. der Österr. Universitäten, Schüttnelstr. 115, A-1020 Wien**  
**A: 30.6.87 / PP: 31.5.87 / OES 250.- IOM; 500.- others; 250.- students**

**14-17 Sept.** Bologna, Italy  
 ESSDERC - 17th European Solid State Device Research Conference  
 G. Soncini, DEIS, Università di Bologna, Viale del Risorgimento 2, I-40136 Bologna

**14-17 Sept.** Braunschweig, FRG  
 Photonic Measurements (Photon-Detectors)  
 H. Kaese, Physikalisch-Technische Bundesanstalt, Bundesallee 100, D-3300 Braunschweig  
**A: 15.7.87 / Ab: 31.3.87 / PP: 15.9.87 / DM 300.-; incl. proc.; 100.- students**

**14-17 Sept.** Portsmouth, UK  
 Euromicro 87 - 13th Symp. on Microprocessing and Microprogramming  
 Ms. C. Snippe-Marlisa, p/a TH Twente, gebouw TW/RC, room A227, POB 217, NL-7500 AE Enschede

**14-17 Sept.** Cardiff, UK  
 ISSC-7: 7th Interdisciplinary Surface Science Conference  
 Meetings Officer, The Institute of Physics, 47 Belgrave Square, London SW1X 8QX

**14-18 Sept.** Lisbon, Portugal  
**8th Specialized Colloque Ampère: Liquid Crystals and Liquid Crystalline Polymers as studied by Magnetic Resonance and Related Techniques**  
**A. Farinha Martins, C. Fisica da Matéria Condensada, Av. Prof. Gama Pinto 2, P-1699 Lisboa Codex**  
**A: 25.4.87 / PP: 18.9.87 / 100 / US\$ 100.-**

**14-18 Sept.** Paris, France  
 14th Int. Conf. on X-Ray and Inner-Shell Processes  
 F. Wuilleumier, LURE, B 209 d, Univ. Paris-Sud, F-91405 Orsay Cedex  
**A: 1.9.87 / Ab: 1.5.87 / PP: 1.9.87 / 300 / FF 2000.- before 1.5.87; 2500.- after; incl. proc.**

**14-18 Sept.** Nottingham, UK  
 9th Jahn-Teller Symposium  
 C.J. Lane, Dept. of Physics, Univ. of Nottingham, Nottingham NG 7 2RD

**14-19 Sept.** Bechyne Castle, CSSR  
 High Energy Experiments and Experimental Methods (HEXEM 87)  
 V. Simak, Czechoslovak Academy of Science, Na Slovance 2, CS-180 40 Praha 8  
**A: June 87 / US\$ 120.- incl. board, lodg.**

**14-19 Sept.** Davos, Switzerland  
 6th Int. Workshop on Compound Semiconductors for Room Temperature X-Ray and Nuclear Detectors  
 E. Kaldis, M. Piechotka, Lab. f. Festkörperfysik, ETH Hönggerberg, CH-8093 Zürich  
**A: 15.5.87 / Ab: 15.5.87 / PP / SFR 150.- before 20.6.87, 200.- after**

**14-19 Sept.** Lake Rosseau, Ontario, Canada  
 5th Int. Conf. on Nuclei far from Stability  
 J.C. Hardy, CNFFS 5, Chalk River Nuclear Labs., Chalk River, Ont., Canada K0J 1J0

**21-23 Sept.** Arcachon, France  
 1st Int. Symp. on Ferroelectric Liquid Crystals  
 C. Destrade, Centre de Recherche Paul Pascal, Domaine Universitaire, F-33405 Talence Cedex  
**A: 15.6.87 / Ab: 15.4.87 / PP / FF 800.- before 15.6.87, 900.- after; incl. proc.**

**21-25 Sept.** Reggio Calabria, Italy  
**Europhysics Liquid State Conf. on Liquids of Small Molecules**  
**M. Nardone, Dept. of Physics, Piazzale Aldo Moro 2, I-00185 Roma**  
**A: 30.4.87 / Ab: 30.4.87 / 80**

**21-25 Sept.** Bechyne Castle, CSSR  
 10th Symp. on Industrial Crystallization  
 Inst. of Inorganic Chemistry, Czechoslovak Acad. of Sciences, Polska 20, CS - 120 00 Praha 2

**21-25 Sept.** Boston, MA, USA  
 10th Int. Conf. on Magnet Technology (MT 10)  
 Barbara A. Kessler, MIT/Plasma Fusion Center, NW16-168, Cambridge, MA 02139  
**A: 15.8.87 / Ab: April 87 / PP: 24.9.87 / 450**

**21-25 Sept.** St. Andrews, UK  
 8th Quantum Electronics Conference (QE-8)  
 Meetings Officer, The Institute of Physics, 47 Belgrave Square, London SW1X 8QX

**21-25 Sept.** Aussois, France  
**2nd European Workshop on Charge Density Waves (CDW)**  
**P. Monceau, CRTBT, CNRS, B.P. 166X, F-38042 Grenoble Cedex**  
**A: 1.5.87 / Ab: 1.5.87 / 100**

**22-24 Sept.** Cambridge, UK  
 EuroSensors - 3rd Conf. and Exhibition on Sensors and their Applications  
 Meetings Officer, The Institute of Physics, 47 Belgrave Square, London SW1X 8QX

**22-25 Sept.** Warwick, UK  
 New Materials and Applications  
 Meetings Officer, The Institute of Physics, 47 Belgrave Square, London SW1X 8QX

**23-25 Sept.** L'Aquila, Italy  
 Int. Conf. on Parallel Processing and Applications  
 A. D'Amico, Dipto. di Ingegneria Elettrica, Università di L'Aquila, I-67100 L'Aquila

**25-30 Sept.** Castiglioncello (Livorno), Italy  
 Int. Conf. on Technology, the Arms Race and Arms Control  
 F. Lenzi, c/o CNR Ist. di Biofisica, Via S. Lorenzo 26, I-56100 Pisa

**28 Sept. - 1 Oct.** N. Falmouth, Cape Cod, MA, USA  
 Topical Meeting on Laser and Optical Remote Sensing: Instrumentation and Techniques  
 Optical Society of America, 1816 Jefferson Place, N.W., Washington, DC 20036  
 Ab: 1.6.87

**28 Sept. - 2 Oct.** Santa Fe, NM, USA  
 6th Topical Conf. on Atomic Processes in Plasmas  
 The American Physical Society, 335 East 45th Street, New York, NY 10017

**28 Sept. - 2 Oct.** Villars-sur-Ollon, Switzerland  
**Europhysics Conf. on Control Systems for Experimental Physics**  
**B. Kuiper, CERN PS-Division, CH-1211 Geneva 23**  
**A: 1.7.87 / Ab: 1.5.87 / PP: 28.9.87 / 200 / SFR 210.- IOM, mbrs 4b), students; 250.- others; incl. proc.**

**29 Sept. - 2 Oct.** Versailles, France  
 5th Int. Symp. on Data Analysis and Informatics  
 INRIA, Bureau des Colloques, Domaine de Voluceau, BP 105, F-78153 Le Chesnay Cedex  
 PP / French

**28 Sept. - 3 Oct.** Washington, DC, USA  
 General Assembly of IUPAP  
 J.R. Klauder, Associate Secretary General, IUPAP, c/o AT & T Bell Labs., 600 Mountain Ave., Murray Hill, NJ 07974

**5-9 Oct.** Karlovy Vary, Czechoslovakia  
 Advanced Methods in X-Ray and Neutron Structure Analysis of Materials  
 J. Fiala, Central Research Inst. SKODA, CS - 316 00 Plzen

**6-8 Oct.** Barga, Italy  
 Microphysics of Enzyme Catalysis  
 G. Salvetti, Ist. di Fisica Atomica e Molecolare, CNR, Via del Giardino 7, I-56100 Pisa

**8-13 Oct.** St. Croix, Virgin Islands, USA  
 Workshop on Quantum Chromodynamics Hard Hadronic Processes  
 Bradley Cox, MS 122 Wilson Hall, Fermilab NAL, POB 500, Batavia, IL 60510  
 Ab: 1.8.87 / PP / NATO

**12-16 Oct.** Sendai, Japan  
 Chapman Conf. on Plasma Waves and Instabilities  
 B. Weaver, AGU, 2 Florida Ave., NW., Washington, DC 20009, USA

**18-30 Oct.** Cambridge, MA, USA  
 Cambridge Symp. on Optics and Optoelectronics  
 SPIE, POB 10, Bellingham, WA 98227

**19-23 Oct.** Fellbach nr. Stuttgart, FRG  
 ECASIA 87: European Conference on Applications of Surface and Interface Analysis  
 Mrs. U. Nagorny, MPI für Metallforschung, Seestr. 92, D-7000 Stuttgart 1

**19-23 Oct.** Rochester, NY, USA  
 Annual Meeting of the Optical Society of America and Workshop on Optical Fabrication & Testing  
 Optical Society of America, 1816 Jefferson Place, N.W., Washington, DC 20036  
 Ab: 5.6.87 / US\$ 170.- before 11.9.87, 190.- after; incl. proc.

**22-23 Oct.** Braunschweig, FRG  
 Symp. on Industrielle Anwendungen optischer Messtechnik  
 Reimund Torge, c/o Carl Zeiss, Postfach 13 69, D-7082 Oberkochen

**26-28 Oct.** Williamsburg, VA, USA  
 LEOS-IEEE/OSA Tunable Solid-State Lasers Topical Meeting  
 Optical Society of America, 1816 Jefferson Place, N.W., Washington, DC 20036

**1-5 Nov.** Atlantic City, NJ, USA  
 APS/OSA Int. Laser Science Conference  
 William C. Stwalley, Iowa Laser Facility, Univ. of Iowa, Iowa City, IA 52242  
 Ab: 12.6.87

**1-6 Nov.** Cambridge, MA, USA  
 Advances in Intelligent Robotics Systems in assoc. with IECON '87  
 SPIE, POB 10, Bellingham, WA 98227  
 PP: 5.10.87

**9-12 Nov.** Kyoto, Japan  
 19th Yamada Conf. on Ordering and Organization in Ionic Solutions  
 N. Ise, Dept. of Polymer Chem., Kyoto Univ., Kyoto 606

**16-20 Nov.** Smolenice, CSSR  
 Hadron Structure '87  
 S. Olejnik, Inst. Phys., EPRC, Slovak Acad. Sci., Dubravska cesta, CS-842 28 Bratislava

**16-20 Nov.** Cannes, France  
 Int. Symp. on Technologies for Optoelectronics  
 Judith Prado, ANRT, 16 av. Bugeaud, F-75116 Paris

**7-11 Dec.** New Delhi, India  
 7th Int. Conf. on Thin Films  
 P.B. Barna, Eötvös Lorand Physical Society, P.O. Box 240, H-1368 Budapest, Hungary  
 PP / IUUSTA, IUPAP

**14-18 Dec.** Lake Buena Vista, FL, USA  
 12th Int. Conf. on Infrared and Millimeter Waves  
 K.J. Button, Box 72, MIT, Cambridge, MA 02139-0901

**15-16 Dec.** Reading, UK  
 Faraday Symposium: Molecular Vibrations  
 Mrs. Y.A. Fish, Royal Society of Chemistry, Burlington House, London W1V 0BN  
 A: Nov. 87 / PP: 15.8.87 / 100

**16-18 Dec.** Bristol, UK  
 Solid State Physics  
 Meetings Officer, The Institute of Physics, 47 Belgrave Square, London SW1X 8QX

**16-18 Dec.** Reading, UK  
 Faraday Symposium: Molecular Vibrations  
 Mrs. Y.A. Fish, Royal Society of Chemistry, Burlington House, London W1V 0BN  
 A: Nov. 87 / PP: 15.8.87 / 100

**16-18 Dec.** Reading, UK  
 Faraday Symposium: Molecular Vibrations  
 Mrs. Y.A. Fish, Royal Society of Chemistry, Burlington House, London W1V 0BN  
 A: Nov. 87 / PP: 15.8.87 / 100

**Spring** Portugal  
 9th ESCAMPIG Conference  
 C.M. Ferreira, Centro de Electrocinematica da Universidade Tecnica de Lisboa, P-1096 Lisboa Cedex

**10-15 Jan.** Los Angeles, CA, USA  
 O-E/LASE '87 & SPIE Imaging Meeting  
 SPIE, POB 10, Bellingham, WA 98227

**25-28 Jan.** Crystal City, VA, USA  
 General Meeting of the American Physical Society  
 American Physical Society, 335 East 45th St., New York, NY 10017

**27-29 Jan.** New Orleans, LA, USA  
 LEOS-IEEE/OSA Conf. on Optical Fiber Sensors (OFS '88)  
 Optical Society of America, 1816 Jefferson Place, N.W., Washington, DC 20036  
 Ab: 3.8.87

**Mid-February** Warsaw, Poland  
 5th Symp. on Optical Fibres and their Applications  
 R.S. Romaniuk, Warsaw Univ. of Technology, IPE, Nowowiejska 15/19, PL-00-665 Warszawa

**10-13 March** Enschede, NL  
 2nd European Conference on Science and Religion  
 J.W.R. Fennema, Postbus 665, NL-1200 AR Hilversum  
 Ab: 15.10.87

**15-17 March** Meylan (Grenoble), France  
 Silicon on Insulator Workshop  
 D. Bensahel & G. Bomchil, CNET-CNS, BP 98, F-38240 Meylan Cedex  
 A: Dec. 87 / Ab: 27.5.87 / PP: Dec. 87 / 150 / inv. / French

**21-25 March** New Orleans, LA, USA  
 General Meeting of the American Physical Society  
 American Physical Society, 335 East 45th St., New York, NY 10017

**28-30 March** Durham, UK  
 Faraday Discussion No. 85: Solvation  
 M.C.R. Symons, Dept. of Chemistry, Univ. of Leicester, Leicester LE1 7RH  
 A: Feb. 88 / Ab: 31.5.87 / PP: 15.12.87 / 200

**28-30 March** Davis, CA, USA  
 3rd Univ. of California Conf. on Statistical Mechanics  
 C. Garrod, Physics Dept., Univ. of California, Davis, CA 95616

**April** Johannesburg, South Africa  
 Ion Beam Analysis VIII  
 Conference Secretariat, S. 440, POB 395, Pretoria 0001  
 IUPAP

**6-8 April** Bristol, UK  
 Magnetic Resonance in Colloid and Interface Science  
 T. Cosgrove, School of Chemistry, Univ. of Bristol, Cantock's Close, Bristol BS8 1TS  
 Ab: 1.11.87 / NP: 1.11.87

**6-9 April** Budapest, Hungary  
**8th General Conf. of the Condensed Matter Division of EPS**  
**N. Kroo, Central Research Inst. for Physics, POB 49, H-1525 Budapest**

**6-9 April** Trieste, Italy  
 2nd Int. Meeting on Large-Structure and Motions in the Universe  
 F. Mardirossian, Dipartimento di Astronomia, via Tiepolo 11, I-34131 Trieste

**11-14 April** Salford, Manchester, UK  
 1st European Vacuum Conference  
 J.S. Colligon, Dept. of Electronic and Electrical Eng., Univ. of Salford, Salford M5 4WT

**25-28 April** Washington, DC, USA  
 Spring Meeting of the American Physical Society  
 American Physical Society, 335 East 45th St., New York, NY 10017

**25-29 April** Anaheim, CA, USA  
 LEOS/IEEE/OSA Conf. on Lasers and Electro-Optics (CLEO '88)  
 Optical Society of America, 1816 Jefferson Place, N.W., Washington, DC 20036

**May** Kiev, USSR  
 Int. Conf. on Physics of Transition Metals  
 Inst. of Metal Physics, Ukrainian Acad. of Sciences, Vernadsky Str. 36, SU-252680 Kiev-142  
**250 / PP / Russian**

**2-6 May** Jülich, FRG  
 8th Int. Conf. on Plasma Surface Interactions in Controlled Fusion Devices  
 Ms M. Spittler-Wilden, KFA Jülich, POB 1913, D-5170 Jülich

**May or June** Williamsburg, VA, USA  
 1988 Linear Accelerator Conference  
 C.W. Leemann, CEBAF, 12070 Jefferson Ave., Newport News, VA 23606

**5-9 June** Saint-Malo, France  
 3<sup>e</sup> Conférence Internationale sur les Collisions Noyau-Noyau  
 C. Detraz, GANIL, BP 5027, F-14021 Caen Cedex  
 A: Feb. 88 / PP: March 88 / approx. FF 1200.- incl. proc.

**5-11 June** Boston, MA, USA  
 13th Int. Conf. on Neutrino Physics and Astrophysics (NEUTRINO 88)  
 Dept. of Physics, Tufts University, Medford, MA 02155  
 A: 1.3.88 / PP

# 1988

**6-10 June** Rome, Italy  
1st European Accelerator Conference  
S. Tazzari, Lab. Naz. dell'INFN,  
Via E. Fermi 40, C.P. 13, I-00044 Frascati

**13-16 June** Umeå, Sweden  
11th European Conf. on Thermophysical Properties  
Gunnar Bäckström, Dept. of Physics, S-901 87 Umeå

**19-24 June** Gargnano, Italy  
**20th Europhysics Conf. on Macromolecular Physics: Polymer Crystals: Morphology, Kinetics and Applications**  
**G.C. Alfonso, Ist. di Chimica Industriale, Univ. di Genova, Corso Europa 30, I-15132 Genova**  
**100 / LIT 250000. - incl. proc.**

**27-30 June** Paris, France  
13th Int. Symp. on Discharges and Insulation in Vacuum  
A. Septier, CNAM, 292 rue Saint-Martin, F-75141 Paris Cedex 03

**July** Graz, Austria  
20th EGAS Conference  
L. Windholz, Inst. f. Experimentalphysik, Techn. Univ. Graz, Petergasse 16, A-8010 Graz

**4-8 July** Santander, Spain  
Ion Chemistry  
M. Yanez, Departamento de Química, C-XIV, Universidad Autónoma de Madrid, Cantoblanco, E-28049 Madrid  
A: May 88 / NP / 300 / PTAS 15000. - IOM and mbrs. 4b); 18000. - others; 12000. - students

**4-8 July** Paris, France  
11th Int. Conf. on Atomic Physics (ELICAP)  
S. Haroche, Lab. de Spectroscopie Hertzienne de l'E.N.S., 24 rue Lhomond, F-75231 Paris Cedex 05 inv.

**11-16 July** Cargèse, France  
**Nonlinear Processes in Vlasov Plasmas**  
**F. Doveil, PMI, Ecole Polytechnique, F-91128 Palaiseau**  
**A: 1.4.88 / Ab: 1.4.88 / PP: 11.6.88 / 100 / French / FF 1000. - incl. proc.**

**18-22 July** Tokyo, Japan  
Int. Quantum Electronics Conference (IQEC '88)  
OITDA, 20th Mori Building, 7-4 Nishi-Shimbashi 2-chome, Minato-ku, Tokyo 105

**18-29 July** Helsinki, Finland  
27th COSPAR Plenary Meeting and Associated Activities  
Z. Niemirowicz, 51, bd. de Montmorency, F-75016 Paris, France  
A: May 88 / Ab: Jan. 88 / PP: 18.7.88 / 1200 / French / US\$ 150. -

**25-29 July** Paris, France  
**Int. Conf. on Magnetism (ICMM 88)**  
**I.A. Campbell, Physique des Solides, Univ. Paris Sud, F-91405 Orsay Cedex**  
**A: 1.6.88 / Ab: 31.1.88 / FF 1500. - before 1.5.88, 1800. - after; incl. proc.; 800. - students**

**25-29 July** Kyoto, Japan  
5th Int. Conf. on Clustering Aspects in Nuclear and Subnuclear Systems (Cluster '88)  
Y. Abe, Research Inst. for Fundamental Physics, Kyoto Univ., Kyoto 606  
PP

**August** Parma, Italy  
Int. Conf. on Lattice Defects in Insulating Defects  
Rosanna Capelletti, Dipto. di Fisica, Via M. d'Azeglio 85, I-43100 Parma

**1-4 Aug.** Munich, FRG  
Nuclear Methods in Magnetism (Satellite to ICM '88)  
G.M. Kalvius, Physik E 15, TU München, D-8046 Garching  
PP: 1.8.88 / 200

**8-12 Aug.** Perth, Australia  
5th Marcel Grossmann Meeting: Recent Devel. in Theor. and Exptl. General Relativity, Gravitation and Relativistic Field Theories  
David Blair, Physics Dept., Univ. of Western Australia, Perth 6009  
IUPAP

**21-27 Aug.** Grenoble, France  
17th Int. Congress on Theoretical and Applied Mechanics  
Werner Schiehlen, University of Stuttgart, Pfaffenwaldring 9, D-7000 Stuttgart 80

**22-26 Aug.** Zurich, Switzerland  
CIRP 4: 4th Int. Conf. on Infrared Physics  
F.K. Kneubühl, Infrared Physics Lab., Inst. of Quantum Electronics, ETH, Hoenggerberg, CH-8093 Zürich

**24 Aug. - 3 Sept.** Varenna, Italy  
Joint Varenna-Abastumani Workshop on Plasma Astrophysics  
E. Sindoni, Int. School of Plasma Physics, 16 Via Celoria, I-20133 Milano  
A: 15.6.88 / PP / 100 / US\$ 250. - incl. proc.

**29 Aug. - 2 Sept.** Bordeaux, France  
11th Int. Mass Spectrometry Conference  
Ecole Polytechnique, F-91128 Palaiseau

**29 Aug. - 4 Sept.** Bucharest, Romania  
3rd Europhysics Conf. "Trends in Quantum Electronics" (TOE '88)  
I.A. Dorobantu, I.N. Mihailescu, POB MG-54, R-76900 Magurele, Bucharest V  
A: 15.7.88 / Ab: 15.6.88 / PP: 4.9.88 / 600 / US\$ 70. - IOM; 85. - mbrs. 4b); 110. - others; incl. proc.

**Sept.** Bologna, Italy  
Int. Interdisciplinary Meeting on Chemistry and Physics of Electrified Interfaces  
Istituto Chimico "G. Ciamician", Università degli Studi, Via Selmi 2, I-40126 Bologna 80

**5-8 Sept.** Bologna, Italy  
**ECOSS-10: European Conf. on Surface Science**  
**O. Bisi, Dipto. di Fisica, Univ. Modena, Via Campi 213/A, I-41100 Modena**  
**A: 1.6.88 / Ab: 15.3.88 / PP: 15.6.88 / 500**

**5-9 Sept.** Assisi, Italy  
MOLEC VII - Dynamics of Low Energy Molecular Collisions  
Vincenzo Aquilanti, Dipto. di Chimica dell'Università, I-06100 Perugia  
A: 15.5.88 / Ab: 15.5.88 / US\$ 400. - all incl.

**12-16 Sept.** Munich, FRG  
Int. Conf. on "Teaching Solid State Physics"  
K. Luchner, Sektion Physik, Univ. München, Schellingstrasse 4, D-8000 München 40  
IUPAP

**13-15 Sept.** Exeter, UK  
Spectroscopy at Low Temperatures  
A.C. Legon, Dept. of Chemistry, Univ. of Exeter, Exeter EX4 4QD  
A: Aug. 88 / PP: 15.5.88 / 200

**26-29 Sep.** St. Helier, Jersey, UK  
European Gallium Arsenide Conference  
Meetings Officer, The Institute of Physics, 47 Belgrave Square, London SW1X 8QX

**13 Oct. - 4 Nov.** Santa Clara, CA, USA  
OPTICS '88: OSA Annual Meeting  
Optical Society of America, 1816 Jefferson Place, N.W. Washington, DC 20036

**16-21 Oct.** Houston, TX, USA  
IMEKO XI: 11th Triennial World Congress of the International Measurement Confederation  
IMEKO Secretariat, POB 457, H-1371 Budapest, Hungary  
PP: 31.7.87

# 1989

**February** Vienna, Austria  
5th Int. Wire Chamber Conference  
M. Regler, Inst. f. Hochenergiephysik der OeAW, Nikolsdorfergasse 18, A-1050 Wien  
A: Jan. 89 / Ab: Dec. 88 / PP: Feb. 89 / 280

**10-15 July** Cargèse, France  
**Plasma Phenomena in Solar Physics**  
**M.A. Dubois, DRFC-STGI, CEN Cadarache, F-13108 St. Paul-lez-durance Cedex**  
**A: 1.4.89 / Ab: 1.4.89 / PP: 10.6.89 / 50 / FF 500. - incl. proc.**

# Schools 1987

**1-10 June** Erice, Italy  
Advanced School of Astronomy, 5th Workshop:  
Towards Understanding Galaxies at Large Redshift  
R.G. Kron, Yerkes Observatory, Williams Bay, WI 53191-0258, USA  
A: 1.4.87 / US\$ 500. - incl. board, lodg.

**3-15 June** Zakopane, Tatra Mountains, Poland  
27th Cracow School of Theoretical Physics: Structure of Fundamental Interactions  
Inst. of Physics, Jagellonian University, Reymonta 4, PL - 30-059 Krakow  
NP / 70 / inv. / US\$ 200. - incl. board, lodg.

**8-19 June** Trieste, Italy  
ICFA School on Instrumentation in Elementary Particle Physics  
International Centre for Theoretical Physics, POB 586, I-34100 Trieste  
A: 15.12.86 / 60

**8-19 June** Noto, Sicily, Italy  
Non-Linear Evolution and Chaotic Phenomena  
Marcello Anile, Mathematics Dept., Università di Catania, Viale Doria 6, I-95129 Catania  
A: 25.4.87 / Ab: 15.5.87 / PP: 20.6.87 / 60 / inv. / French, It. / NATO

**9-18 June** Bechyně Castle, CSSR  
**Europhysics School on Microcomputers in Physics**  
**J. Nadrchal, Inst. of Physics of the Czechoslovak Acad. of Sciences, Na Slovance 2, CS - 180 40 Praha 8**  
**A: 31.3.87 / Ab: 31.1.87 / PP / 120 / SFR 490. - IOM; 520. - others; all incl.**

**10-19 June** Castera-Verduzan, France  
Chemical Physics of Intercalation  
A.P. Legrand, Lab. de Physique Quantique, ESPCI, 10 rue Vauquelin, F-75005 Paris  
PP / 70 / NATO

**11-25 June** Balaruc-les-Bains, Montpellier, France  
4th Workshop on Nonlinear Evolution Equations and Dynamical Systems  
J.J.-P. Leon, Univ. des Sciences et Techniques du Languedoc, F-34060 Montpellier Cedex  
FF 5000. -

**14-26 June** Il Ciocco, Italy  
The Time Domain in Surface and Structural Dynamics  
F. Grandjean, Inst. de Physique B5, Univ. de Liège, B-4000 Sart-Tilman  
PP: 14.6.87 / 100 / inv. / NATO

**14-27 June** Cargèse, France  
**Disorder and Mixing**  
**E. Charlaix, ESPCI, LHMP, 10 rue Vauquelin, F-75231 Paris Cedex 05**  
**PP / 60 / French / NATO**

**15-19 June** Lerici, Italy  
**Natural Mechanisms of Surface Generated Noise in the Ocean**  
**B.R. Kerman, Atmospheric Environment Service, 4905 Dufferin Street, Downsview, Ontario, Canada M3H 5T4**  
**PP: 1.6.87 / 50 / NATO**

**15-27 June** La Londe-Les-Maures, Beaulieu, France  
**3rd Int. School for Space Simulation (ISSS-3)**  
**15-20.6: La Londe-Les Maures (60 participants)**  
**22-27.6: Beaulieu (120 participants)**  
**B. Lembège and R. Gendrin, CNET/CRPE, F-92131 Issy-les-Moulineaux**  
**PP / US\$ 70. - IOM; 100. - others; 50. - students; incl. proc.**

**15-29 June** Erice, Italy  
**Int. School of Atomic and Molecular Spectroscopy, 8th Course: Disordered Solids: Structures and Processes**  
**B. Di Bartolo, Dept. of Physics, Boston College, Chestnut Hill, MA 02167, USA**  
**A: 2.4.87 / 80 / US\$ 650. - incl. board, lodg.**

**22 June - 4 July** Ile de Bendor (Bandol), France  
Physics, Fabrication and Applications of Multilayered Structures  
P. Dhez, Univ. Paris XI, LURE, Bât. 209 D, F-91405 Orsay  
PP: June 87 / 120 / inv. / NATO / FF 4000. - all incl.

- 22 June - 4 Sept.** Trieste, Italy  
Research Workshop in Condensed Matter, Atomic and Molecular Physics  
International Centre for Theoretical Physics,  
POB 586, I-34100 Trieste  
A: 30.4.87
- 23 June - 3 July** Varenna, Italy  
Heavy-Ion Reactions and New Trends in Nuclear Physics  
P. Kienle, GSI, Postfach 110541,  
Planckstrasse 1, D-6100 Darmstadt  
A: 8.5.87 / PP / 50 / US\$ 850. — incl. board, lodg.
- 28 June - 7 July** Il Ciocco, Castelvecchio Pascoli, Italy  
Instabilities and Chaos in Quantum Optics  
Massimo Inguscio, Dpto. di Fisica dell'Università,  
Piazza Torricelli 2, I-56100 Pisa  
A: 30.4.87 / PP / 100 / NATO / US\$ 600. — incl. board, lodg., proc.
- 29 June - 10 July** Como, Italy  
Testing and Diagnosis of VLSI and ULSI  
M.G. Sami, Dipto. di Elettronica, Politecnico di Milano,  
Piazza Leonardo da Vinci 32, I-20133 Milano  
A: 15.4.87 / PP / 75 / NATO
- 29 June - 10 July** Abingdon, UK  
24th Culham Plasma Physics Summer School  
Ruth Bullough, Summer School Office, Culham Lab.,  
Abingdon, OX14 3DB  
Ab: 15.5.87 / NP / 60
- 29 June - 31 July** Les Houches, France  
Les Houches Summer School Session XLVIII:  
Astrophysical Fluid Dynamics  
N. Leblanc, Ecole de Physique Théorique,  
Côte des Chavants, F-74310 Les Houches  
50 / inv. / French / NATO / FF 4100. — incl. board, lodg., proc.
- 29 June - 7 Aug.** Trieste, Italy  
Summer Workshop in High Energy Physics and Cosmology  
International Centre for Theoretical Physics,  
POB 586, I-34100 Trieste
- 1-15 July** Erice, Italy  
Int. School of Materials Science and Technology,  
12th Course: Science and Technology of Fast Ion Conductors  
M. Balkanski, Lab. de Physique des Solides,  
Univ. P. et M. Curie, 4 pl. Jussieu,  
F-75230 Paris Cedex 05  
PP / 75 / US\$ 750. — incl. board, lodg., proc.
- 1-15 July** Erice, Italy  
Int. School of Materials Science and Technology,  
13th Course: Elemental and Molecular Clusters  
G. Benedek, Dipto. di Fisica dell'Università,  
Via Celoria 16, I-20133 Milano  
A: 1.4.87 / PP / 50 / US\$ 600. — all incl.
- 5-17 July** Alcubideche, Portugal  
The Liquid State and Its Electrical Properties: Electron, Ion, and Photon Interactions  
L.H. Luessen, Naval Surface Weapons Center,  
Dahlgren, VA 22448-5000, USA  
A: 1.4.87 / PP / 85 / NATO / US\$ 125. — incl. proc.
- 7-17 July** Varenna, Italy  
Frontiers and Borderline in Many-Particle Physics  
Ricardo Broglia, Dipto. di Fisica, Univ. di Milano,  
Via Celoria 16, I-20133 Milano  
A: 8.5.87 / PP / 50 / US\$ 850. — incl. board, lodg.
- 16-25 July** Erice, Italy  
Int. School of Nuclear Physics, 11th Course  
Quarks in Hadrons and Nuclei  
A. Faessler, Univ. of Tübingen,  
Auf der Morgenstelle 14, D-7400 Tübingen  
A: 1.6.87 / PP / 60 / SFR 900. — incl. board, lodg.
- 16-30 July** Cargèse, France  
Nonperturbative Quantum Field Theory  
Ms. M.F. Hanseler, I.E.S.C./C.S.I.,  
30 ave. Corentin Cariou, F-75930 Paris Cedex 19  
PP / 70 / inv. / NATO
- 19-26 July** Antwerp, Belgium  
Int. Summer School on Internal Friction Processes in Solids  
R. De Batist, S.C.K.-C.E.N.,  
Boeretang 200, B-2400 Mol  
PP / 80 / BFR 19500. — IOM; 20000. — others  
incl. board, lodg., proc.
- 20-24 July** Lennoxville, Quebec, Canada  
NATO Advanced Research Workshop on Atomic and Molecular Processes with Short Intense Laser Pulses  
André D. Bandrauk, Dept. de Chimie, Fac. des Sciences,  
Université de Sherbrooke, Que., J1K 2R1  
A: 1.6.87 / Ab: 1.7.87 / PP: 1.9.87 / 50 / inv. / French /
- 21-31 July** Varenna, Italy  
Confrontation between Theories and Observations in Cosmology: Present Status and Future Programmes  
G. Moreno, Dipto. di Fisica, Università "La Sapienza",  
Piazzale Aldo Moro 2, I-00185 Roma  
A: 8.5.87 / PP / 50 / US\$ 850. — incl. board, lodg.
- 25 July - 1 Aug.** Oulu, Finland  
11th Workshop on Condensed Matter Theories  
J. Arponen, Dept. of Theoretical Physics,  
Siltavuorenpenger 20 C, SF-00170 Helsinki  
PP / 40 / inv.
- 27 July - 7 Aug.** Cambridge, UK  
The Post-Recombination Universe  
Anthony Lasenby, Mullar Radio Astronomy Labs.,  
Univ. of Cambridge, Cambridge  
A: 15.4.87 / Ab: 15.4.87 / PP: 27.7.87 / 100 / inv. / NATO
- 27 July - 8 Aug.** Cambridge, UK  
Physical Properties and Thermodynamic Behaviour of Minerals  
E.K.H. Salje, Dept. of Earth Sciences,  
Downing Street, Cambridge, CB2 3EQ  
A: 1.12.86 / Ab: 27.4.87 / PP: 27.7.87 / 115 / NATO / £ 75. — incl. proc.
- 2-13 Aug.** Cortina d'Ampezzo, Italy  
Long-term Dynamical Behaviour of Natural and Artificial n-Body Systems  
Archie E. Roy, Dept. of Physics and Astronomy,  
Glasgow Univ., Glasgow G12 8QQ, UK  
A: 1.5.87 / PP: 30.8.87 / 80 / inv. / NATO
- 3-14 Aug.** Il Ciocco, Castelvecchio Pascoli, Italy  
Electromagnetic Modelling and Measurements for Analysis and Synthesis  
J.K. Skwirzynski, 14 Galleywood Road, Great Baddow,  
Essex CM2 8DH, UK  
A: 10.6.87 / Ab: 10.3.87 / PP: 10.3.87 / 110 / NATO / US\$ 350. —
- 3-21 Aug.** Cargèse, France  
Particle Physics — Cargèse 1987  
Marie France Hanseler, I.E.S.C., 30 ave. Corentin Cariou,  
F-75930 Paris Cedex 19  
PP / 60 / NATO
- 4-29 Aug.** Les Houches, France  
Les Houches Summer School Session XLIX:  
Highly Ionized Atoms  
N. Leblanc, Ecole de Physique Théorique,  
F-74310 Les Houches  
PP: 50 / inv. / French / NATO / FF 3350. — incl. board, lodg., proc.
- 6-14 Aug.** Erice, Italy  
Int. School of Subnuclear Physics, 25th Course:  
The Super World — II  
A. Zichichi, CCSEM, I-91016 Erice  
inv.
- 9-29 Aug.** St. Andrews, Scotland  
Computational Physics  
A. Walker, Dept. of Physics, Room 4409,  
James Clerk Maxwell Building, Univ. of Edinburgh,  
Edinburgh EH9 3JZ  
A: 1.5.87 / PP / 70 / NATO / £ 360. — all incl.
- 10-21 Aug.** Stanford, CA, USA  
SLAC Summer Institute on Particle Physics  
Eileen Brennan, SLAC Bin 62,  
POB 4349, Stanford, CA 94305
- 16-27 Aug.** Kiel, FRG  
Thermochemistry of Alloys  
H.-J. Schaller, Institut f. Physikalische Chemie der Universität Kiel, Olshausenstrasse 40, D-2300 Kiel  
A: 31.3.87 / Ab: 31.3.87 / PP: 20.9.87 / inv. / NATO / DM 350. — incl. proc.
- 16-29 Aug.** Banff, Alberta, Canada  
Interfaces, Quantum Wells and Superlattices  
R. Taylor, National Research Council of Canada,  
Ottawa K1A 0R6  
A: 15.3.87 / PP / 100 / NATO / US\$ 650. — incl. board, lodg.
- 16 Aug. - 5 Sept.** Cambridge, UK  
UK Institute for Theoretical High Energy Physics  
P. Landshoff, Dept. of Applied Mathematics and Theoretical Physics, Univ. of Cambridge, Silver Street,  
Cambridge CB3 9EW
- 19-24 Aug.** Erice, Italy  
Int. Seminar on Nuclear War, 7th Session  
A. Zichichi, CCSEM, I-91016 Erice  
inv.
- 24 Aug. - 4 Sept.** Viano do Castelo, Portugal  
Materials Modification by High-fluence Ion Beams  
Roger Kelly, IBM Research Center,  
Yorktown Heights, NY 10598, USA  
A: 20.5.87 / Ab: 20.4.87 / PP: 24.8.87 / 80 / NATO / US\$ 500. — incl. board, lodg., proc.
- 26 Aug. - 4 Sept.** Erice, Italy  
Int. Conf. on Solid Earth Geophysics, 4th Session:  
A Mission to Planet Earth  
E. Boschi, Ist. Nat. di Geofisica,  
Via Villa Ricotti 42, I-00161 Roma
- 26 Aug. - 18 Sept.** Trieste, Italy  
Workshop on Materials Science and Physics of Non-conventional Energy Sources  
International Centre for Theoretical Physics,  
POB 586, I-34100 Trieste
- 27 Aug. - 7 Sept.** Erice, Italy  
Int. School of Crystallography, 13th Course:  
Crystal Growth in Science and Technology  
L. Riva di Sanseverino,  
Piazza Porta San Donato 1, I-4126 Bologna  
PP / 100 / NATO / SFR 1400. — incl. board, lodg.
- 30 Aug. - 12 Sept.** Vimeiro, Portugal  
X-Ray Spectroscopy in Atomic and Solid State Physics  
J. Gomes Ferreira, Avenida Gama Pinto 2,  
P-1699 Lisboa Codex  
A: 30.4.87 / PP: 31.8.87 / 100 / NATO / US\$ 500. — incl. board, lodg.
- 31 Aug. - 12 Sept.** Mikolajki, Poland  
Theoretical and Exptl. Methods in Heavy Ion Physics:  
XIX Int. Summer School on Nucl. Phys.  
E. Gierlik, Inst. of Exptl. Physics, Univ. of Warsaw,  
Hoza 69, PL-00681 Warszawa  
A: 1.5.87 / Ab: 1.8.87 / PP: 30.8.87 / 140 / US\$ 250. — ; incl. board, lodg.
- 1-11 Sept.** Varenna, Italy  
Course and Workshop: Physics of Mirrors, Reversed Field Pinches and Compact Tori  
E. Sindoni, Dpto. di Fisica, 16 via Celoria,  
I-20133 Milano  
A: 1.6.87 / Ab: 1.6.87 / PP / 100 / US\$ 220. —
- 3-9 Sept.** Frombork, Gdansk, Poland  
15th Int. School on Quantum Optics  
J. Heldt, Inst. of Exp. Physics, Univ. of Gdansk,  
ul. Wita Stwosza 57, PL - 80 952 Gdansk  
A: 1.5.87 / PP / 50 / US\$ 250. —
- 6-14 Sept.** Amman, Jordan  
4th Petra School of Physics: Theories of Magnetic Order, Experimental Methods in Magnetism, Ferrofluids, Applications of Magnetic Materials  
A. Salem Saleh, Dept. of Physics, Yarmouk University,  
Irbid, Jordan  
A: 1.7.87
- 6-18 Sept.** Viana do Castelo, Portugal  
Nuclear Physics Applications on Material Science  
J.C. Soares, Centro de Fisica Nuclear,  
Av. Prof. Gama Pinto 2, P-1699 Lisboa Codex  
A: 11.4.87 / Ab: 11.4.87 / PP: 6.9.87 / 100 / NATO / US\$ 85. — IOM; 100. — others
- 6-19 Sept.** near Varna, Bulgaria  
1987 JINR-CERN School of Physics  
Ms. D.A. Caton, CERN, CH-1211 Geneva 23,  
Switzerland  
or Ms. T.S. Donkova, POB 79, JINR,  
USSR-101000 Moscow  
A: 30.4.87 / PP / 90 / SFR 1500. — incl. board, lodg., proc.
- 7-11 Sept.** Santander, Spain  
Membrane Biophysics  
M. Cortijo, Departamento de Quimica Fisica,  
Facultad de Farmacia,  
Universidad Complutense, E-28040 Madrid  
A: 30.6.87 / NP / PTAS 12000. — IOM and mbrs 4b); 15000. — others; 10000. — students

**7 Sept. - 2 Oct.** Trieste, Italy  
Workshop on Telematics  
International Centre for Theoretical Physics,  
POB 586, I-34100 Trieste

**8-18 Sept.** Cargèse, France  
Hot Thin Plasmas in Astrophysics  
R. Pallavicini, Osservatorio Astrofisico di Arcetri,  
Largo E. Fermi 5, I-50125 Firenze  
A: 30.4.87 / PP: 30.10.87 / 80 / French / NATO

**8-18 Sept.** Maria-Laach, Eifel, FRG  
Herbstschule Maria-Laach 1987: Elektron-Positron-  
Annihilation. Physik bei HERA  
H.D. Dahmen, Fachbereich Physik, Univ. Siegen,  
Postfach 10 12 40, D-5900 Siegen  
A: April 87 / Ab: June 87 / PP / 65 / inv. / Germ. /  
DM 360. - all incl.

**13-26 Sept.** Troia, Portugal  
1987 CERN School of Computing  
Ms. I. Barnett, CERN, CH-1211 Geneva 23  
A: 30.4.87 / PP / 80 / SFR 1300. - all incl.

**14-20 Sept.** Novosibirsk, USSR  
Int. School on Magnetic Resonance  
R. Sagdeev, Inst. of Chemical Kinetics and  
Combustion, SU-630090 Novosibirsk  
200 (40 foreign)

**14-25 Sept.** Berlin-West  
CERN Accelerator School: Advanced Course  
Mrs. S. von Wartburg, CERN, CH-1211 Geneva 23

**14-25 Sept.** Vimeiro (Torres Vedras), Portugal  
Instrumentation for Combustion and Flow in  
Engines  
D.F.G. Durao, Inst. Superior Técnico,  
Av. Rovisco Pais, P-1096 Lisboa Codex  
A: 31.5.87 / Ab: 31.5.87 / NATO / US\$ 400. -

**14-26 Sept.** St. Andrews, Scotland  
Astrophysical and Laboratory Spectroscopy  
D.E. Kidd, Dept. of Physics, Univ. of Strathclyde,  
107 Rottenrow, Glasgow G4 0NG  
A: 30.6.87 / PP / NATO / £ 250. - incl. board, lodg.,  
proc.

**14-26 Sept.** Cortona, Italy  
Collision Theory for Atoms and Molecules  
F.A. Gianturco, Dipto. di Chimica,  
Città Universitaria, I-00185 Roma  
A: 15.4.87 / Ab: 15.4.87 / PP / 80 / NATO

**16-27 Sept.** Dubrovnik, Yugoslavia  
3rd Int. Summer School on Biophysics:  
Supramolecular Structure and Function  
G. Pifat, Ruder Boskovic Institute, YU-41001 Zagreb  
A: 1.5.87 / US\$ 520. - incl. board, lodg.

**19-25 Sept.** Janska Dolina, CSSR  
8th Int. School of Coherent Optics (ISCO '87)  
J. Kovacovsky, Electro-Physical Research Centre,  
Slovak Academy of Sciences,  
Dubravska cesta 9, CS-842 39 Bratislava  
105 / Russian

**20 Sept. - 4 Oct.** Duiulovo, Split, Yugoslavia  
Int. School of Elementary Particle Physics  
XXIII Session: From the Superconducting Super-  
Collider to the Superstring  
H. Braun, C.R.N.-D.I.H.E., F-67037 Strasbourg  
A: 15.5.87 / 80 / SFR 850. - incl. board, lodg.

**21 Sept. - 2 Oct.** Maratea, Italy  
Fundamental Processes of Atomic Dynamics  
J.S. Briggs, Fakultät f. Physik, Univ. Freiburg,  
D-78 Freiburg i.B.  
A: 30.4.87 / PP / 120 / NATO / US\$ 100. - incl. proc.

**21 Sept. - 2 Oct.** Viano do Castelo, Portugal  
Formation and Evolution of Low Mass Stars  
A.K. Dupree, Harvard-Smithsonian Center for  
Astrophysics, 60 Garden Street, Cambridge,  
MA 02138, USA  
A: 1.6.87 / Ab: 1.6.87 / PP: 1.11.87 / 100 / inv. / NATO

**24 Sept. - 3 Oct.** Erice, Italy  
Int. School of Radiation Damage and Protection,  
8th Course: Monte Carlo Transport of Electrons  
and Photons below 50 MeV  
W.R. Nelson, Bin 48, SLAC, POB 4349,  
Stanford, CA 94305, USA  
A: 24.6.87 / US\$ 600. - all incl.

**28 Sept. - 2 Oct.** Bad Honnef, FRG  
DPG-Schule für Physik 1987, Kurs I: Oberflächen und  
Grenzflächen in der Physik, Chemie und  
Technologie  
J. Debrus, Physikzentrum Bad Honnef,  
Hauptstrasse 5, D-5340 Bad Honnef 1  
A: 30.5.87 / 60 / Germ. / DM 290. - incl. board, lodg.

**5-9 Oct.** Bad Honnef, FRG  
DPG-Schule für Physik 1987, Kurs II: Spontane  
Symmetriebrechung in der Natur  
J. Debrus, Physikzentrum Bad Honnef,  
Hauptstrasse 5, D-5340 Bad Honnef 1  
A: 30.5.87 / 60 / Germ. / DM 290. - incl. board, lodg.

**5-30 Oct.** Trieste, Italy  
4th College on Microprocessors: Technology and  
Applications in Physics  
International Centre for Theoretical Physics,  
POB 586, I-34100 Trieste  
A: 31.3.87 / 80 / inv.

**11-23 Oct.** Rimini, Italy  
New Developments in Polarized Spectroscopy of  
Ordered Systems  
E.W. Thulstrup, Royal Danish School of Educational  
Studies, Emdrupvej 115 B,  
DK-2400 Copenhagen NV  
A: 15.6.87 / Ab: 15.6.87 / PP: 11.10.87 / 90 / inv. /  
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**15-30 Oct.** Erice, Italy  
Int. School of Materials Science and Technology,  
14th Course: Silicon Interfaces  
G. Benedek, Ist. di Fisica,  
Via Celoria 16, I-20122 Milano

**2-20 Nov.** Trieste, Italy  
College on Soil Physics  
International Centre for Theoretical Physics,  
POB 586, I-34100 Trieste  
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**9 Nov. - 18 Dec.** Trieste, Italy  
College on Riemann Surfaces  
International Centre for Theoretical Physics,  
POB 586, I-34100 Trieste

**23 Nov. - 18 Dec.** Trieste, Italy  
2nd College on Cloud Physics and Climate  
International Centre for Theoretical Physics,  
POB 586, I-34100 Trieste

**7-9 Dec.** Bad Honnef, FRG  
Forschungsmanagement in der Physik XII  
J. Debrus, Physikzentrum Bad Honnef,  
Hauptstrasse 5, D-5340 Bad Honnef  
A: 16.11.87 / 60 / Germ. / approx. DM 140. -

## Schools 1988

**February** Folgaria, Italy  
**Winter European Course on Amorphous Silicon:  
Theory and Applications**  
T.A. Shamsi, Task R&S srl,  
Via Verbano 2, I-21027 Ispra  
PP / 100 / inv. / LIT 500000. - all incl.

**29 March - 7 April** Les Houches, France  
**Simple Molecular Systems at Very High Density**  
A. Polian, Physique des Milieux Condensés,  
Univ. P. et M. Curie, T 13 E 4, 4 Place Jussieu,  
F-75252 Paris Cedex 05  
A: 31.12.87 / PP: 15.3.88 / FF 3500. - all incl.

**25 April - 17 June** Trieste, Italy  
11th Int. Course on the Theory of Condensed Matter  
International Centre for Theoretical Physics,  
POB 586, I-34100 Trieste  
A: 15.5.87

**28 June - 8 July** Varenna, Italy  
The Chemical Physics of Atomic and Molecular  
Clusters  
G. Scoles, Dept. of Chemistry, Univ. of Waterloo,  
Waterloo, Ontario N2L 3GL, Canada  
A: May 88 / PP / 50

**12-22 July** Varenna, Italy  
Photoemission and Absorption Spectroscopy of Solids  
and Interfaces with Synchrotron Radiation  
R. Rosel, Dpto. di Fisica, Via Valerio 2, I-34127 Trieste  
A: May 88 / PP / 50

**26 July - 5 Aug.** Varenna, Italy  
Nonlinear Topic in Ocean Physics  
A.R. Osborne, Ist. di Cosmo-Geofisica del C.N.R.,  
Corso Fiume 4, I-10133 Torino  
A: May 88 / PP / 50

**September** Varna, Bulgaria  
5th Int. School on Condensed Matter Physics:  
Disordered Systems and New Materials  
N. Kirov, Inst. of Solid State Physics,  
72 Boulv. Lenin, BG-1784 Sofia  
A: 15.5.88 / Ab: 15.5.88 / PP: 1.10.88 / Russian

**5-9 Sept.** Puidoux, Switzerland  
**2nd Graduate Summer Course on Computational  
Physics: Numerical Methods for Parallel  
Vector Computers**  
R. Gruber, CRPP, EPFL, 21 av. des Bains,  
CH-1007 Lausanne  
A: 1.7.87 / PP / 100 / SFR 300. - IOM;  
330. - others

**6-16 Sept.** Varenna, Italy  
Int. School of Plasma Physics "Piero Caldirola": Course  
and Workshop on Inertial Confinement Fusion  
E. Sindoni, Int. School of Plasma Physics,  
16 via Celoria, I-20133 Milano  
A: 15.6.88 / Ab: 15.6.88 / 100 / US\$ 300. - incl. proc.

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