

## Society News

### Individual Ordinary Members

In Europhysics News, Vol. 5, No. 10, October 1974 Individual Ordinary Members had been invited to nominate candidates for the election of **delegates of Individual Ordinary Members to Council**. Since the number of nominations received was equal to the number of outgoing delegates no ballot election was held. The following delegates will therefore take office on 1 April 1975:

Jörg Diehl, Stuttgart

Lorette Etienne-Amberg, Athenaz/Geneva

Henri van Regemorter, Meudon

## Energy and Physics

*Third General Conference of the European Physical Society Bucharest, Romania 9-11 September 1975*

Participants to the Third General EPS Conference are invited to register at the earliest possible date, this in particular also to guarantee them suitable accommodation. The **deadline for registration is 31 July 1975**. Registration is valid only upon receipt of registration fee by EPS. Registration fees for participants from Western European Countries may be paid to *EPS Bank Account No. 282.079.30 W, Union de Banques Suisses, CH - 1211 Geneva 11 (Switzerland)*.

## Meetings

For a full list of events see the latest Meetings Issue of *Europhysics News* 5, 11 (November 1974). Notification of the meetings announced in this issue has been received recently.

The order of information is: date, title, venue, and contact for information.

### Conferences 1975

27 - 30 May

2nd International Colloquium on Surface Physics and Chemistry

Brest, France

D.A. Degras, Bt. 62, C.E.N. Saclay, B.P. No. 2, F - 91190 Gif-sur-Yvette

16 - 21 June

Expert Conference on Laser Spectroscopy of the Atmosphere

Rjukan, Norway

D.T. Gjessing, Norwegian Defence Research Establishment, P.O. Box 25, N - 2007 Kjeller

22 - 26 June

Arab Physical Society Conference on Chemical Physics

Damascus, Syrian Arab Republic

The Secretary General of the Arab Physical Society, Dr. Hafez Kobeissi, P.O. Box 7142, Beirut, Lebanon

## 5th IAEA Conference on Plasma Physics and Controlled Nuclear Fusion Research

*Tokyo, Japan, 11-15 November 1974*

The International Atomic Energy Agency has held the 5th Conference on Plasma Physics and Controlled Nuclear Fusion Research in Tokyo from November 11 to 15, 1974. About a quarter of the approximately 500 participants came from countries of the EPS area, reflecting the strong European engagement in the field.

The papers presented to the Conference have shown a steady progress towards the final goal of controlled nuclear fusion. As far as confinement devices are concerned, the work is concentrating more and more on toroidal systems. Increasing the current in Tokamaks up to 0.4 MA has been shown to lead to an appreciable increase in the plasma thermal energy density. The problem of limiting the impurity contents of the plasma is still the most serious one to be solved for these devices. Work on Stellarators

has shown that in the plasma regime presently investigated, the heat conduction across the magnetic field can be reduced by increasing the total poloidal magnetic field. The importance of the appearance of trapped particles for the confinement properties of toroidal plasmas has been demonstrated in multipoles. In mirror machines it has been found that for densities above  $10^{13}$  particles per  $\text{cm}^3$  the loss rates are essentially collisional. In the field of laser fusion the results reported on target compression and laser light absorption efficiencies are encouraging.

The Conference was very smoothly run. Last but not least the hospitality of the host country and her people has contributed much to make the Conference not only a successful, but also pleasant event.

*F. Engelmann, Frascati*

23 - 27 June

Mathematical Methods of Quantum Field Theory

Marseilles, France

Mme S. Guidicelli, Centre de Physique Théorique, C.N.R.S., 31, chemin Joseph-Aiguier, F - 13274 Marseille Cedex 2

14 - 19 July

6th International Colloquium on Multiparticle Reactions

Oxford, UK

R.G. Roberts, Rutherford Laboratory, Chilton Didcot, Oxon. OX11 0QX

22 - 26 September

6th International Conference on Atomic Collisions in Solids

Amsterdam, The Netherlands

Frans Saris, FOM-Institute for Atomic and Molecular Physics, Kruislaan 407, Amsterdam

### 'Summer' Schools 1975

26 May - 8 June

Ultraviolet Stellar Astronomy

Erice, Italy

A. Renzini, Istituto di Astronomia, Via Zamboni 33, I - 40126 Bologna

23 June - 2 July

Nuclear and Particle Physics at Intermediate Energies

Victoria, B.C., Canada

J.B. Warren, Department of Physics, University of British Columbia, Vancouver 8, B.C.

30 June - 12 July

Non-Linear Spectroscopy

Varenna, Italy

Società Italiana di Fisica, Via L. degli Andalò 2, I - 40124 Bologna

30 June - 25 July

Weak and Electromagnetic Interactions at High Energies

Cargèse, Corsica, France

Mlle M.-F. Hanseler, Secrétariat de l'Ecole de Cargèse, Laboratoire de Physique Théorique, Tour 16, Université Pierre et Marie Curie, 4, place Jussieu, F - 75230 Paris Cedex 05

28 July - 15 August

Scottish Universities Summer School in Physics 1975 - Non-Linear Optics

Edinburgh, UK

M.J. Colles, Secretary SUSSP 1975, Department of Physics, Heriot-Watt University, Riccarton, Edinburgh EH14 4AS

31 August - 12 September

Advanced Study Institute on the Electronic Structure and Reactivity of Metal Surfaces

Namur, Belgium

J.M. André, Facultés Universitaires de Namur, Groupe de Chimie Physique, 61, rue de Bruxelles, B - 5000 Namur

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