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, 8t, 8.CEN, Seclay, B.P. No. 2, F - 91190 Gil-sur-Vravte
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 - 30 07 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

23 - 27 June Mathematical Methods of Quantum Field Theory Marseilles, France
Mme S. Gudicelli, 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 Amsterdarn, The Netherlands
Frans Sarie, FOM-Institute for Atomic and Molecular Physics, Kruislaan 407, Amsterdam
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 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

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 Elitene-Amberg, Athenaz/Genova
Henri van Regemorter, Meudon

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 multipole machines. In mirror machines it has been found that for densities above $10^{19}$ particles per 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

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