

Delegates of Individual Ordinary Members to 1974 Council

All Individual Ordinary Members, Article 4 a) and 4 c), are invited to nominate candidates for the election of delegates to EPS Council to take office from 1 April 1974. Members of Council normally serve for three years; if elected to the Executive Committee, they may be reelected for a maximum five years. Three vacancies arise since G. Harbeke, L. Jansen, and W. Klose will have reached the end of their periods of office.

The following representatives of IOM continue to serve after 1 April 1974 in accordance with the Constitution and By-Laws:

H.B.G. Casimir, Eindhoven
B.J. Green, Garching
B.P. Gregory, Paris
A. Guinier, Paris
S.O. Lundqvist, Gothenburg
I. Ursu, Bucharest

For a nomination to be valid:

- the nominee must be an Individual Ordinary Member;
- the nomination form has to be signed by three Individual Ordinary Members;
- it must be accompanied by a statement of consent from the nominee;

Nomination Form for Delegate of Individual Ordinary Members to the EPS Council

We wish to nominate the following candidate (please print):

Name: _____ First name: _____

Full address: _____

Nominated by (please print):

1. Name: _____ Signature: _____

Address: _____

2. Name: _____ Signature: _____

Address: _____

3. Name: _____ Signature: _____

Address: _____

This form has to be received accompanied by a statement of consent from the nominee by 1 January 1974 at the following address:

Main Secretariat
European Physical Society
P.O. Box 39
CH-1213 Petit-Lancy 2
Switzerland

- d) it must be received by 1 January 1974 at the Main Secretariat.

The names and addresses of IOM are printed in *Information Booklets* N° 3 and N° 4 (except for those accepted after July 1972). Names of

Individual Ordinary Members accepted since July 1972 have been published in *Europhysics News*: October 1972, January 1973, April 1973 and September 1973. Complete addresses of these may be requested from the Main Secretariat.

Advanced Computing Methods

The Third Colloquium on Advanced Computing Methods in Theoretical Physics was held at CNRS - Marseilles, from June 25 until June 29, 1973 and was attended by 65 scientists from 14 countries. The meeting was organized by A. Visconti (CNRS, Marseilles) and M. Veltman (CERN, Geneva) together with an international committee of 9 scientists, and was sponsored by CNRS, the European Physical Society, Université de Provence, and Université d'Aix-Marseilles. Invited papers were by 20 speakers covering a wide range of topics in computational physics, 33 contributed papers were also presented.

After some welcoming remarks by A. Visconti, the meeting began with a talk by F. James (CERN) on numerical methods. This was followed by a paper given by Y. Sundblad (Stockholm) which reviewed programs for performing algebraic calculations. This particular talk was supplemented during the meeting by 3 papers on

particular algebraic systems being used for calculations in QED, namely ASHMEDAI (presented by M. Levine, Carnegie-Mellon University), REDUCE (A.C. Hearn, University of Utah) and SCHOONSCHIP (H. Strubbe, CERN). A lively discussion concerning the relative merits and philosophies of these programs followed the presentations.

Talks surveying particular applications of computers to physics were given by J.P. Hansen (Orsay) on Statistical Mechanics, K. Roberts (Culham) on Plasma Physics, J. Calmet (CERN and CNRS Marseilles) on QED, D. Barton (Cambridge) on General Relativity, J. Neubuser (Aachen) on Group Theory and J. Zinn-Justin (Saclay) on Padé Methods. To supplement these presentations other talks were presented on QED by R. Barbieri (Pisa), S. Brodsky (SLAC), P. Cvitanovic (Cornell), T. Kinoshita (Cornell), B. Lautrup (IHES), D. Owen (CNRS, Marseilles), E. de Rafael (IHES), E. Remiddi (Bologna), and R. Roskies (Pittsburgh). Several exciting new calculational techniques

were discussed, and in particular, in the complete analytic evaluation of many quantities in QED such as the sixth-order corrections to the electron magnetic moment, new development looks possible in the near future. Invited papers were also given by R. Russell-Clark (Cambridge) on General Relativity and J.S.R. Chisholm (Canterbury) on Padé Methods.

The Proceedings of the Colloquium will be published in the near future. A.C. Hearn

Field Transport in Semiconductors

Held during the 4-6 July 1973, in Modena, Italy, the International Symposium on High Field Transport in Semiconductors was organized by A. Alberigi Quaranta and M. Costato of the Institute of Physics of Modena University, Italy. The Symposium was sponsored by the European Physical Society, and by the Italian Physical Society (SIF). Financial support was