

The Spanish Royal Society of Physics and Chemistry

Society News

A.M. Municio

Secretary

The Spanish Royal Society of Physics and Chemistry (Real Sociedad Española de Física y Química) was founded in 1903, with J. Echegaray (Nobel Prize of 1905) as its first president. Established in Madrid the Society has local branches in nearly all the Spanish universities. The aims of the Spanish Royal Society are to help Spanish development in, and to improve the knowledge of, pure and applied physics and chemistry in every field.

The title 'Royal' was granted by King Alphonso XIII in 1928 when the late J. Palacios was president of the Society. Illustrious men of science, such as Cabrera, Torres Quevedo, Moles and del Campo are numbered among its past presidents, and K. Alder, P. Debye, O. Hahn, P. Scherrer and A. Tiselius among its famous honorary members.

Any physicist or chemist can become a member if his application is supported by two present members and his activities in education, research or industry further the development of physics and chemistry in Spain.

Every other year the Spanish Royal Society organizes a National Meeting on Physics and Chemistry taking place in a different university each time. Lectures are given by experts in specialized subjects and the results of research are presented, followed by wide-ranging debates. The Society plans to develop specialized groups capable of organizing colloquia and symposia. Such scientific activities are expanding rapidly throughout Spain.

The Journal of the Society is ANALES which appears in two series, ANALES DE FISICA and ANALES DE QUIMICA, distributed to the members of the Society. The annual membership fee is Ptas 500 (about US \$ 7) where only one of the series of ANALES is taken. If both series are received, the member pays Ptas 750. At present the membership totals about 1300 and is now increasing at the rate of about 100 members per year.

Two medals are awarded annually by the Spanish Royal Society in recognition of major contributions in physics and chemistry published in its ANALES. Prizes are also given to encourage scientists beginning their research.

In 1969 the Society became a Member of the European Physical Society. It strongly encourages its own members to become Individual Ordinary Members of the EPS and endeavours to develop national sections in fields corresponding to those of the EPS Divisions.

The Society is governed by an elected board composed as follows for the period 1970-1972 :

President: J. Aguilar Pérís
Vice Presidents : M. Rodríguez-Vidal
J.M. Gamboa

Secretary: A.M. Municio

Members for Physics:

A. Durán
M. Mellado
A. Lara
R. Gaeta

Members for Chemistry:

E. Gutierrez Ríos
M. Carreira
J.F. García de la Banda
F. Martín Panizo
A. Pérez Masía

Editor: M. Díaz
Treasurer: J.L. Segovia
Vice Treasurer: J. Doria
Delegate for the EPS:
J. Catalá

The main office of the Society is located at the Faculty of Sciences, University City, Madrid 3.

Individual Ordinary Members

As announced earlier several National Physical Societies are willing to collect on behalf of the EPS the **membership fees** from Individual Ordinary Members in local currency. Because of the revaluation of the Swiss franc new rates apply and the following amounts are equivalent to Sw. frs 18.— :

Belgium	BF	220.—
Czechoslovakia	Kcs	86.—
Fed. Rep. of Germany	DM	16.—
France	FF	25.—
Hungary	Ft	131.—
Spain	Ptas	315.—
UK	£	1.93
USA	US \$	4.45

Member Societies

The **Swiss Physical Society** announce their new President, E. Heer, Geneva, and their new Secretary, M. Guenin, Geneva.

Members of the EPS will have noticed that The Institute of Physics and The Physical Society is now being called just **The Institute of Physics**. This is not simply a shortening of the



J. Aguilar Pérís, Madrid, President of the Spanish Royal Society of Physics and Chemistry.

name, but an actual change of name accompanying a changed legal status.

On 6 November 1970 Her Majesty The Queen approved the grant of a Royal Charter to the Institute and Society under the new name. Prior to this date the Institute and Society, formed by amalgamation in 1960 of the two separate bodies, was legally a company, registered with the Board of Trade. As a chartered body The Institute of Physics becomes responsible to the Privy Council (whose origins go back to at least the 12th century).

Most professional and learned societies in Britain aim for chartered status since this is official recognition of the body's standing as the leading organization in its chosen field and the effect of the grant of the Charter is essentially one of enhancing the status of the organization.

There have been changes in a number of points of detail about the grades of membership and the mode of operation, but on the European scene probably the only appreciable change will be the change of the name to its shorter form.

Divisions

The third annual meeting of the **Quantum Electronics Division** to be held at the University of Hull, England, 6-8 September, on the topic "Laser-Plasma Interaction" will be a Euro-physics Conference, i.e. of the Gordon type, with a maximum of approximately 100 participants. Accommodation (Sunday p.m. to Thursday a.m.) is available in the Halls of Residence of the University at an inclusive fee of £ 25. Accommodation can also be provided for families at a reduced cost. There will be sessions, introduced by invited speakers, on recent advances in laser technology (with particular emphasis on high power CO₂ lasers), laser produced plasmas from solid targets, laser produced plasmas in gases, long wavelength heating and non-linear interactions and laser-plasma diagnostics. Short contributions on recent work in these areas will also be welcomed. The meeting which is international in character will provide ample time for discussion of topics of particular interest. Those wishing to attend should return the application form on p. 6 to S.A. Ramsden, Department of Applied Physics, University of Hull, Hull HU6 7RX, England, as soon as possible. There will be no publication of the proceedings. A provisional programme for the meeting will be distributed shortly.

EPS Council

The following delegates took office for the period 1.4.71 - 31.3.72.

Those marked by an * are new delegates.

Delegates of Individual Ordinary Members, Article 4a and 4c

G. Bernardini, Pisa
E. Burhop, London
H.B.G. Casimir, Eindhoven
* G. Harbeke, Zurich
L. Jansen, Geneva
A. Kastler, Paris
* W.Klose, Saarbrücken

Delegates of Ordinary Members, Article 4b, Societies, Groups and Laboratories

Ampere Group

G.J. Béné, Geneva

Austrian Physical Society

H. Pietschmann, Vienna

Belgian Physical Society

J. Depireux, Liège

Bulgarian Academy of Sciences

E. Djakov, Sofia

Danish Society for Physics and Chemistry of Condensed Matter

* A.R. Mackintosh, Copenhagen

Department of General Physics and Astronomy of the USSR Academy of Sciences

L.A. Artsimovich, Moscow

A.M. Prokhorov, Moscow

* Y.V. Sharvin, Moscow

B.M. Vul, Moscow

Eötvös Lorand Physical Society

I. Kovacs, Budapest

G. Szigeti, Budapest

Finnish Physical Society

P. Jauho, Helsinki

* P. Tanskanen, Oulu

French Physical Society

J. Friedel, Paris

F. Netter, Paris

* P. Radvanyi, Orsay

* M. Soutif, Grenoble

German Physical Society

K. Ganzhorn, Sindelfingen

* R. Gremmelmaier, Erlangen

* W. Martienssen, Frankfurt

E. Richter, Frankfurt

H. Schopper, Geneva

The Institute of Physics

L. Cohen, London

* N. Kurti, Oxford

J.W. Menter, London

R. Press, London

* L.A.A. Thomas, Wembley

Institute "Ruder Boskovic"

N. Cindro, Zagreb

Israel Physical Society

W. Low, Jerusalem

Italian Physical Society

G. Occhialini, Milano

* R.A. Ricci, Padova

G. Toraldo di Francia, Bologna

The Netherlands' Physical Society

C. Braams, Jutphaas

* Th.A.M. van Kleef, Amsterdam

R. van Lieshout, Amsterdam

J. Volger, Eindhoven

Norwegian Physical Society

A. Graue, Bergen

T. Riste, Kjeller

Physical Section, Union of Czechoslovak Mathematicians and Physicists

* M. Matyas, Prague

Physical Section Union of Yugoslav Societies of Mathematicians, Physicists and Astronomers

* R. Blinc, Ljubljana

Physical Society of the German Democratic Republic

* H. Friedrich, Berlin

* J. Wilhelm, Berlin

Portuguese Physics and Chemistry Society

J. Gomes Ferreira, Lisbon

Romanian National Committee for Physics

I. Ursu, Bucharest

Royal Irish Academy

C. O'Ceallaigh, Dublin

Spanish Royal Society of Physics and Chemistry

* J. Aguilar PÉris, Madrid

Swedish Physical Society

* N.R. Nilsson, Uppsala

E. Rudberg, Stockholm

Swiss Physical Society

* J.L. Olsen, Zurich

J. Rossel, Neuchâtel

Turkish Physical Society

F. Yeniçay, Istanbul

Classified Advertisement

Eindhoven University of Technology
P.O. Box 513, Eindhoven, The Netherlands

The Department of Physics announces two vacancies for

Lectores in Physics

The position of *lector* is comparable with that of an associate professor and carries tenure.

Applications are invited from either experimental physicists with a strong interest in theory as demonstrated by a thorough theoretical treatment of experimental work, or from theoretical physicists with a profound interest in experimental physics as demonstrated by a long collaboration with experimental physicists.

One position is intended for a physicist experienced in fundamental aspects of physical transport phenomena so that he may substantially support the work carried out in the heat transfer and fluid dynamics groups. The other position is intended for a physicist experienced in low energy interactions between atoms and ions or electrons, so that he may substantially support the work carried out in the atomic physics group and the molecular physics group.

Besides teaching and research duties in the respective fields both *lectores* are expected to participate in the general physics curriculum. Those who are interested in one of these vacancies are invited to contact the Chairman of the Department of Physics, Professor G. Vossers, Eindhoven University of Technology, P.O. Box 513, Eindhoven, The Netherlands. Suggestions for suitable candidates are also invited.

Questionnaire on EPS and its Relations with Industry

On behalf of the Advisory Committee on Applied Physics and Physics in Industry we are happy to announce that a large number of replies has already been received by the Main Secretariat on the questionnaire concerning the EPS and its relations with Industry, published in Europhysics News, Vol. 2, No. 2, March 1971. The number of replies is approaching five hundred; they contain in large part quite significant comments. Gratified with this response, the Committee urges everyone who has not yet replied **to do so as soon as possible**. It is hoped that a first sampling of significant conclusions will be completed in the autumn. The readers of Europhysics News will be kept informed as the work progresses.

Wiesbaden 1972

Executive Committee and Council approved the plans for the **1972 EPS General Conference** as proposed by the Conference Committee (see Europhysics News, Vol. 2, No. 1). Accordingly, a Programme Committee has been formed which held its first meeting on 29 June 1971 in Frankfurt. At present, this Programme Committee (which is to include a few more members) is composed as follows:

W. Martienssen, Frankfurt (Chairman)
S.A. Akhmanov, Moscow
J. Diehl, Stuttgart
B. Dreyfus, Grenoble
M.R. Feix, Nancy
O.G. Folberth, Böblingen
A. Gozzini, Pisa
L. Jansen, Geneva
B. Lehnert, Stockholm
Th. Mayer-Kuckuk, Bonn
P. Preiswerk, Geneva
R. Press, London
E. Schatzman, Paris
Th. A.M. van Kleef, Amsterdam
J. Volger, Eindhoven

QUANTUM ELECTRONICS DIVISION of the EUROPEAN PHYSICAL SOCIETY

Meeting on Laser - Plasma Interaction

Hull, England, 6-8 September 1971

To: S.A. Ramsden, Department of
Applied Physics, University of Hull,
Hull, HU6 7RX, England.

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you may reproduce this form.

I am considering attending the meeting.
Please send me further details.

I plan to attend the meeting.
I shall be accompanied by

I would like to present a contribution
entitled :

Name :

Address :