



Florence Conference

8-12 April 1969

Scientific Programme

The Conference will open on the afternoon of Tuesday, 8 April, with an Inaugural Session, including addresses by V.F. Weisskopf on "Physics in Europe in the 20th Century" and P.M.S. Blackett on "The Old Days at the Cavendish". This will be followed by four half-days of plenary sessions and three half-days of parallel sessions. All the lectures will be given by invited speakers and there will be no contributed papers. However, ample time will be reserved for discussions.

The plenary sessions are intended for all participants, whereas the parallel sessions are of a more specialized character. For the plenary sessions, the following invited speakers have already accepted:

E. Amaldi (Rome)
Physics and Education
H.B.G. Casimir (Eindhoven)
Physics and Industry
N. F. Mott (Cambridge)
Electrons in Crystalline and
Non-Crystalline Materials
M. F. Perutz (Cambridge)
Atomic Structure of Biological Catalysts
J. M. Winter (Saclay)
Multiple Quantum Transitions

The topics for discussion in the parallel sessions are selected from among the following broad categories:

- a) astronomy, astrophysics, cosmology and relativity
Chairman D. Sciama (Cambridge)
- b) nuclear and elementary particle physics
Chairman L. Van Hove (CERN)
- c) physics of condensed matter
Chairman S. F. Edwards (Manchester)

The Inaugural Conference of the European Physical Society will take place in Florence, Italy, 8-12 April 1969. The title of the Conference is "The Growth Points of Physics". Many eminent European scientists have agreed to speak at the Conference and will review current topics in physics; a preliminary scientific programme is given below. Attendance at the Conference is open to all physicists whether they are members of the EPS or not.

In addition to the scientific purpose of the Conference it will also be the occasion of a General Meeting of the European Physical Society. It is at this General Meeting that the first Council of the EPS will be constituted.

- d) atomic, molecular and plasma physics
Chairman A. Schlüter (Munich)
- e) quantum electronics and optics
Chairman A. Kastler (Paris)

The preliminary programme of some of the parallel sessions has been arranged as follows:

b) Nuclear and Elementary Particle Physics

F.J.M. Farley (Shrivenham)
Status of Quantum Electrodynamics
W. Czyz (Cracow)
High-Energy Collisions of Hadrons and Nuclei
C. Rubbia (CERN)
Current Problems on Weak Interactions
H. Lipkin (Rehovoth)
The Spectrum of Hadrons

c) Physics of Condensed Matter

D. Sette (Rome)
Critical Phenomena
J. Friedel (Paris)
Mechanical Properties of Solids
W. Marshall (Harwell)
Neutron Scattering and Nuclear Probes
H. Pick (Stuttgart)
Optical Properties and Colour Centres

d) Atomic, Molecular and Plasma Physics

S. Pease (Culham)
State of Fusion Research
R. Pellat (Fontenay aux Roses)
Plasma Instabilities
K. Schindler (ESRIN Frascati)
Astrophysical Plasmas
(in conjunction with a)
E. Fünfer (Munich)
Lasers in Plasma Physics
(in conjunction with e)

e) Quantum Electronics and Optics

G. Toraldo di Francia (Florence)
Recent Progress in Classical Optics
R. Khokhlov (Moscow)
Recent Progress in Non-Linear Optics
E. R. Pike (Malvern)
Photon Statistics
I. L. Fabelinskii (Moscow)
Scattering of Laser Light by Material Media

M. J. Seaton (London) and
W. Paul (Bonn)
Atomic and Molecular Collisions (Theoretical
and Experimental Aspects)
(in conjunction with d)

The Proceedings of the Conference will be published as a special issue of the **Supplemento al Nuovo Cimento**, by kind agreement of the Italian Physical Society. An arrangement is being made whereby this issue can be purchased also by non-subscribers to **Il Nuovo Cimento**.

EPS General Meeting

During the second half of the Conference, the first ordinary session of the General Meeting of the European Physical Society will be called. The General Meeting is the "supreme authority" of the EPS. During the session, the first Council will be constituted in accordance with Articles 12 to 17 of the Constitution.

In order to reach a balance on the Council between the number of delegates from National Physical Societies, Academies, Groups and Laboratories, and the number of delegates representing individual members of the EPS, all physicists who intend to join the EPS as individual members are requested to contact the Main Secretariat without delay for a Membership Application Form.

Organizing Committee

The Main Organizing Committee for the Florence Conference consists of the following members:

G. Bernardini, Pisa (Chairman)
 J. Tauc, Prague (Vice-Chairman)
 G. H. Stafford, Chilton (Secretary)
 H. Curien, Paris
 M. Della Corte, Florence
 S. F. Edwards, Manchester
 L. Etienne-Amberg (Mrs), Geneva
 L. Jansen, Geneva
 J. M. Jauch, Geneva
 A. Kastler, Paris
 A. Schlüter, Munich
 E. W. D. Steel (Miss), CERN
 L. Van Hove, CERN

The Conference Secretary is Mrs J. Houlkes

Arrangements in Florence

The City of Florence has kindly placed at the disposal of the European Physical Society spacious facilities at two medieval palaces, the Palazzo Vecchio and the Or'San Michele, in the heart of the City. In spite of the medieval character of these palaces, they will be equipped with modern optical and acoustical facilities so that they will be technically suitable to cater for a meeting of approximately two thousand participants.

The two palaces are about 200 m from each other across a square. At the Palazzo Vecchio, four conference rooms are available — the "Salone dei 500" (seating capacity up to 2000), the "Salone dei 200" (capacity 600), the "Sala dei Gigli" (capacity 300) and the "Sala dell' Udienna" (capacity 200); the last room will be used for serving refreshments. At the Or'San Michele, two rooms with 400 seats each are available. Technical services including loudspeaker installations and recording equipment are being offered free of charge to the Conference by the Comitato Nazionale per l'Energia Nucleare.

Hotel bookings in Florence will be arranged directly by the Florence Office of the Italian Travel Agency, CIT. Since the Conference will take place just after Easter when the tourist season will already be under way, participants are strongly advised to reserve accommodation as soon as possible. The Main Secretariat of the EPS in Geneva will provide an accommodation questionnaire on request. This

should be completed and sent directly to the CIT Florence Office.

To reduce the cost of attendance as much as possible, especially to help young physicists, special efforts are being made to secure low-cost accommodation and to organize cafeteria-type meals at minimum price. There are also two camping sites in the vicinity of the City. It is hoped that final details of such special arrangements will be available to intending participants before the end of January.

In order to economize as much as possible, the Main Organizing Committee has decided to dispense with all social activities, except for a concert by the Quartetto Italiano and a modest "Ladies Programme" comprising a visit to villas and gardens in Florence and its vicinity, and a fashion show at Pitti Palace organized by the famous fashion designer, Pucci.

Registration

The Conference is open to all physicists, regardless of whether they are members of the European Physical Society or not.

A registration fee of 30 Swiss francs is payable by every participant to cover part of the Conference budget. The major part of the budget is being generously offered to the European Physical Society by the Italian Government and by the City of Florence.

Further administrative details concerning the Conference are contained in a Conference Bulletin No. 1 obtainable together with an Attendance Application Form and an Accommodation Questionnaire from the Main Secretariat of the EPS (address on page 8).

The Main Organization Committee for the Florence Conference meeting on 11 December.

- (Left to right) L. Jansen, Miss E.W.D. Steel, A. Kastler, M. Della Corte, Mrs. J. Houlkes, Mrs. L. Etienne.
- (Left to right) G. Bernardini, G.H. Stafford, A. Schlüter, L. Van Hove, J. Tauc.



1969 Meetings

Notification of the following meetings to be held in April-August 1969 has been received. The meetings are listed — date; title; venue; contact for information.

31 MARCH - 3 APRIL
 National Atomic and Molecular Physics
 Congress
 Manchester, UK
 Meetings Officer, IPPS,
 47 Belgrave Sq., London SW 1

1-2 APRIL
 Spring Meeting of British Radio Spectroscopy
 Group: Applications of radio-frequency techniques to the study of electronic structure of solids
 Exeter, UK
 Dr. J. E. Cousins, Physics Department,
 The University, Exeter, Devon, UK.

8-10 APRIL
 Structure of Tracks of Charged Particles in Condensed Media
 Cambridge, UK
 J. W. Boag, Dept. of Physics, Institute of Cancer Research, Clifton Avenue, Belmont Sutton, Surrey

9-11 APRIL
 Physics and Engineering
 London, UK
 Meetings Officer, IPPS,
 47 Belgrave Sq., London SW 1

9-11 APRIL
 Structural Studies of Partially-Ordered Solids
 University of Sussex, UK
 Meetings Officer, IPPS,
 47 Belgrave Sq., London SW 1

11 APRIL
 Meeting of DPG, German Ceramic and German Glass Technological Societies: Transport Processes in Anorganic Non-Metallic Materials and their Structure
 Mainz, Federal Republic of Germany
 W. Trier, D-6000 Frankfurt (Main), Bockenheimer Landstr. 126

14-19 APRIL
 International Conference on Fracture
 Brighton, UK
 R. W. Nichols, UKAEA, Reactor Materials Laboratory, Wigshaw Lane, Culcheth, Lancs.

15-18 APRIL
 International Conference on Computer-Aided Design
 University of Southampton, UK
 Conference Secretariat, IEE,
 Savoy Place, London WC 2

15-18 APRIL
 Physics of Liquids
 Norwich, UK
 Meetings Officer, IPPS,
 47 Belgrave Sq., London SW 1

16-18 APRIL
 Geoscience Electronics Symposium
 Washington, D.C., USA
 M. E. Ringenbach, Director, Equipment Development Lab., U. S. Weather Bureau
 RM. 201 Gramax Bldg.,
 8060 13th St., Silver Spring, Md. 20910

16-18 APRIL
 International Magnetism Conference
 Amsterdam, Netherlands
 IEEE, Office of Technical Activities
 Board, 345 East 47th St., New York, N. Y. 10017