2nd EPS Topical Workshop in Applied Physics

The second in the series of Workshops aimed primarily at the Associate Members of EPS, following the one on Pyroelectric Arrays held from 26 to 29 April 1987 is on:

The Future of Magnetic-Optic Recording.

The place is again Bad Honnef, FRG and the date is **2-4 November 1987**.

Organising the Workshop are: Prof. H. Hoffman, Universität Regensburg, and Prof. S. Methfessel, Ruhr Universität, Bochum from either of whom further information on the scientific programme can be obtained. For information on the practical details of attending, contact the EPS Secretariat. The numbers will be limited to about 40 and although Associate Members will have priority, the meeting is open to others.

The Workshop is designed to examine the implications of the recent ascendancy of optical recording over magnetic tapes, made obvious to everyone by modern disk players. Great investments are now being made world-wide in research and the development of better magneto-optical materials, new light sources and other devices, which may be suitable for the design of erasable high density optical memories in data processing or for optical computers. This scientific and technical challenge certainly exceeds the resources and market capacity of any individual country in Europe and an effective international collaboration in this field becomes an essential prerequisite for success.

The Workshop will bring together leading experts from industry and universities in order to contemplate and discuss during three days, in the relaxed atmosphere of the Physikzentrum in Bad Honnef, the potential and future of magneto-optic recording and its relevance to the market place. They may find special areas of interest and strength, where outstanding progress in the field can be expected from the collaboration between industry and universities in Europe.

Tentative topics are: System aspects, Materials, Light sources, Future technologies, Market aspects, Unconventional approaches (e.g. holography).

The Associate Members have been invited to make recommendations for contributors and Session Chairmen; intention to participate should be notified to the EPS Secretariat before the end of May if that is at all possible.

CERN

European Organization for Nuclear Research
Organisation Européenne pour la Recherche Nucléaire

European Laboratory for Particle Physics
Laboratoire Européen pour la Physique des Particules

The Experimental Physics Division intends to make an appointment to the position of

PHYSICIST

in experimental particle physics research. Candidates are expected to have an excellent record of successful work in this field, and to have the ability to provide leadership. Preference will be given to candidates under 38 years of age. The appointment will be made for a fixed term, and may subsequently become permanent.

The holder will play an important role in all aspects of the conception and design of experiments, and of the construction and operation of detectors, and the development of on-line and off-line software and the analysis of data.

Please send letters of application, including the names of three referees, list of publications, a brief curriculum vitae and a brief description of research interests before 15 June 1987 to the:

Leader of the Experimental Physics Division, CERN
1211 Geneva 23, Switzerland

quoting reference EP/RE.

Theoretical Physicists and Applied Mathematicians

Harwell Laboratory is the largest research establishment of the United Kingdom Atomic Energy Authority. A small team in the Theoretical Physics Division at Harwell is engaged in computer simulation of nuclear fuel in accident conditions as part of various international collaborations. We are looking for a new team member to take part in the interpretation of experiments in special test reactors and to help in the development of techniques used in the work. There will be the opportunity also to undertake theoretical research in either continuum mechanics or the effects of radiation on materials. Excellent computing facilities are available, including a CRAY-2 supercomputer.

Candidates should be of First or good Second Class Honours Degree standard with a training in Applied Mathematics or Theoretical Physics. Research experience in a relevant area is desirable but not essential. Willingness to learn to communicate in French would be an advantage and there is the possibility that periods may be spent in France.

Harwell offers an excellent recruitment package including starting salaries in the range of £7,185 to £12,120 (currently under review), a contributory superannuation scheme, generous leave arrangements and where appropriate relocation expenses may be considered.

For an application form please write to Mrs Jean Bevan, Recruitment Branch, FREEPOST, Harwell Laboratory, Didcot, Oxfordshire, OX11 0RA or telephone Abingdon (0235) 24141 extension 3169 or 2614 (24 hour answering machine).

Please quote reference number EN/1856.

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