

ANNOUNCEMENT

MAXWELL POST-DOCTORAL FELLOWSHIP OF THE FRENCH ACADEMIE DES SCIENCES

Grenoble, France

A post-doctoral fellowship will be available in 1991 for work under the supervision of Dr Y. Bréchet, Institut National Polytechnique de Grenoble. The candidates should be highly motivated young Ph.Ds with a background in Materials Science or in Condensed Matter Physics, and a good training in Computer Science. The successful candidate shall interact with the experimentalists in the Institute, to model collective phenomena in Materials Science, within the framework of an international network (U.K., Denmark, Germany, France). The following topics will be proposed :

- Elastic and plastic properties of the vortex lattice in a type-II superconductor. Relation to the critical current.
- Self-organization in dislocation structures; relation to mechanical properties.
- Collective pinning of the triple-line in a wetting problem; relation to the contact angle hysteresis.

Applications from European candidates (West, Central or Eastern)
will be particularly welcome.

A salary of 10,000 FRF/m will be offered for one year.

Correspondence for further details and preliminary contact :

Dr Y. Bréchet,
Laboratoire de Thermodynamique et Physico-chimie Métallurgique,
Groupe de Physique du métal,
Institut National Polytechnique—ENSEEG,
Domaine Universitaire de Grenoble,
B.P. 75-38402 Saint-Martin-d'Hères, France.

The final application with C.V., reprints of publications and the names of two referees should be addressed to :

Prof. G. Ourisson,
Délégation aux Relations Internationales, Académie des Sciences,
23 Quai de Conti, 75006 Paris, France.

FAX (33) 1 40 51 77 25.