We invite applications to CEA-Dapnia (Gif sur Yvette, France) for a postdoctoral position in massive bolometer development for the Edelweiss experiment. Edelweiss is a European collaboration searching for dark matter WIMPs by direct detection.

The objectives are to develop Ge detectors with new electrodes to reject the “surfaces events” and to obtain the best sensitivity to WIMPs. This work will lead to the production of prototypes for WIMPs detection in the underground laboratory of Modane (LSM).

We are looking for candidates with strong motivation for experimental work. Experience in bolometer development, semiconductor detectors, very low radioactivity procedures and/or cryogenic techniques will be appreciated.

A copy of the curriculum vitae with email address indicated, publications list (indicate articles which appeared in refereed journals), and statement of research interests are required.

Application materials should be sent to:

Xavier-François NAVICK
Centre d’Etudes de Saclay
DAPNIA / SEDI bat 534
F-91191 Gif sur Yvette cedex
FRANCE

The position can begin as early as January 2007 and no later than October 2007.

The applicant is requested to ensure that at least three letters of recommendation are provided or sent independently to the same address.

The appointment will be for two years, renewable up to a third year, subject to performance review and funding.

For additional information, please contact Xavier-François Navick at xfnavick@cea.fr