



INSTITUTO DE FÍSICA CORPUSCULAR - IFIC

POSTDOCTORAL POSITION, SCIENTIST (m/f)

Instituto de Física Corpuscular – IFIC invites applications for a postdoctoral position.

IFIC is a High Energy Physics Institute where ongoing research activities include experimental and theoretical work with application in near-term and far-future projects, offering the possibility to work in a rich scientific environment at the forefront of a broad range of High Energy Physics studies.

The appointment is for 2 years and is funded by the Spanish Ministry of Science and Innovation in the frame of a program devoted to research and development activities for future collider experiments in Particle Physics. The group working on this field at IFIC is developing novel particle detection technologies with particular emphasis in pixel semiconductor detectors, including DEPFET (DEpleted Field Effect Transistors) for the Belle2 experiment at KEK Japan and the ILC as well as avalanche photodiodes operated in Geiger mode for the ILC/CLIC vertex detectors, with special interest in the forward regions. The activities for this position will be mainly focussed in the design and testing of the associated readout electronics and data acquisition system, sensor testing and system design and construction. The work should be done in close collaboration with other Spanish groups working on this subject and with other international partners.

Applicants should have a Ph.D in physics, at least two years of experience both in hardware and software for High Energy Physics and experience in the operation or construction in silicon detectors. The start date is negotiable. Salary and benefits are commensurate with those of public service organizations in Spain.

For further information please contact Carlos.Lacasta@ific.uv.es. Interested candidates are encouraged to send their complete application package (including CV, three letters of reference and a statement of research interests) also by e-mail to

Carlos Lacasta Llácer
Instituto de Física Corpuscular – IFIC
P.O. Box 22085
E-46071 Valencia
Spain

E-Mail: Carlos.Lacasta@ific.uv.es

Deadline for applications: 30 April 2011