

OCEAN & ATMOSPHERIC SCIENCES AND TECHNOLOGY CELL (OASTC)
(Unit of Ministry of Earth Sciences, Govt of India)
Dept of Earth Sciences, Tamil University, Thanjavur 613 005

CALL FOR PROJECT PROPOSALS

The Ocean & Atmospheric Sciences and Technology Cell (OASTC) calls for project proposals in the listed fields of Marine and Atmospheric Sciences from the Academics and Scientists of University and Research recognized institutions in a prescribed format which may be obtained from Dr R. Baskaran, Research Co-ordinator, OASTC, Dept of Earth Sciences, Tamil University, Thanjavur 613 005, Tamil Nadu by sending a self-addressed stamped envelope for Rs 10.

Marine Sciences: Biological/Chemical/Geological Oceanography, Coastal and Marine Mineral Resources, Exploitation and Sustainable Utilization, Marine Pollution Population connectivity/Socio-Economic status of Coastal people, Coastal and Marine Disaster management.

Atmospheric Sciences: Palaeoclimate Research; Lower Atmosphere – Physical and Dynamic Meteorology, Climate and Dynamics, Atmospheric chemistry and Upper Atmosphere studies.

Last Date for the submission of proposals: **January 22, 2007.**

Dr R. Baskaran
Research Co-ordinator



S. N. Bose National Centre for Basic Sciences
Block JD, Sector III, Salt Lake, Kolkata 700 098

Postdoctoral fellowship on the study of Dilute Magnetic Semiconductors (Bulk and Nano) at Laboratoire des Physiques de Solides, Universite Paris Sud, Orsay to begin in early 2007.

This postdoctoral position, funded by the Indo-French Centre for the Promotion of Advanced Research (IFCPAR), is part of a research project involving scientists at the Laboratoire des Physiques de Solides, Orsay, S. N. Bose National Centre for Basic Sciences, Kolkata and Indian Association for the Cultivation of Science, Kolkata. The project involves the theoretical study of the electronic, magnetic and optical properties of dilute magnetic semiconductors at the bulk as well in the nanometre size regime using effective Hamiltonians. The investigators in the project are Dr Anadi Bhattacharjee, Directeur de Recherche au CNRS, Laboratoire de Physique des Solides, Universite de Paris Sud, Dr Priya Mahadevan, S. N. Bose National Centre for Basic Sciences, Kolkata and Professor D. D. Sarma, Indian Association for the Cultivation of Science, Kolkata.

The postdoctoral fellow will be based at the Universite de Paris Sud, Orsay and the position will begin from early 2007. Applicants must be citizens of India with a Ph D, in physics or chemistry, with high-quality publications. The position is for two years and remuneration includes social security and support for international travel. Persons who have submitted but not yet defended their Ph D theses will also be considered. To apply, the candidate may send (email strongly preferred) his/her CV including a publication list, and the names and contact details of persons who will write letters of recommendation for him/her to Dr Priya Mahadevan (priva@bose.res.in).