

Job description: Postdoctoral Position at Institute of Physics, Bhubaneswar

Advt No.: IOP/Recruit/05/2020

Institute of Physics (IOP), Bhubaneswar, India invites applications for a postdoctoral position in the High Energy Physics Group. The position is for a project '**Beyond Standard Model Physics with Neutrino and Dark Matter at Energy, Intensity and Cosmic Frontiers**' (Indian PI: Manimala Mitra), and is funded by Indo-French Centre for the Promotion of Advanced research (CEFIPRA). The position is coterminous with the project duration.

The candidate is expected to have expertise in one or more of these following research areas - **beyond standard model physics and phenomenology, collider physics, neutrino physics, dark matter physics, and Higgs physics**. The selected candidate will work with Indian members of this project - Manimala Mitra, Institute of Physics (IOP), Bhubaneswar, and Rohini M. Godbole, CHEP, Indian Institute of Science (IISc), Bengaluru, and French members of the project - Geneviève Bélanger, Cédric Delaunay at Laboratoire d'Annecy-le-Vieux de Physique Théorique (LAPTh), Annecy and Sabine Kraml at Laboratoire de Physique Subatomique et de Cosmologie (LPSC), Grenoble. The candidate must have a Ph.D degree at the time of joining.

The other key details are

Tenure of Fellowship: 1+1 years from the date of joining. Extension for the second year is subjected to an evaluation after one year as per the rules of the Institute. The tenure can further be extended for 3rd year, subjected to the availability of funds.

Fellowship: 47,000 INR per month at the time of joining (for Research Associate-I); HRA (16% of fellowship); Contingency, as per the rule of the Institute of Physics, India.

Joining: Joining for this position will be permitted starting from the beginning of January, 2021. Applicants should have a Ph.D degree at the time of joining.

Deadline of application: December 7th, 2020.

Application procedure: Interested candidates should send their CV, publication list, and a research statement (not more than two pages), along with a cover letter to manimala@iopb.res.in, with a cc to postdoc.cefipra.iop@gmail.com, and specifying 'Postdoc-HEP-CEFIPRA-applicant's name' in the subject line. The applicants should arrange three letters of recommendations, which should be sent to the above two email id's within the given deadline. Apart from highlighting research expertise and research experience, the CV must contain the following additional informations - date-of-birth, nationality, educational details (M.Sc, and B.Sc), and status of the Ph.D (awaiting or obtained, year/month of Ph.D degree obtained/likely to obtain).

Recommendation letters to be sent to: manimala@iopb.res.in, postdoc.cefipra.iop@gmail.com. within December 7th, 2020.

The shortlisted candidates will be invited for an online interview/short presentation of their work in the second/third week of December.

Contact emails: manimala@iopb.res.in, postdoc.cefipra.iop@gmail.com