

Job description: Postdoctoral/Senior Project Associate Position at Institute of Physics, Bhubaneswar

Institute of Physics (IOP), Bhubaneswar, India invites applications for postdoctoral/ Senior Project Associate 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 and will end on May 30th, 2024.

The candidate is expected to have expertise in one or more of these following research areas -

- **Astroparticle physics, Cosmology.**
- **Collider physics.**
- **Machine Learning/Package Development/data analysis.**

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 other key details are

Tenure of Fellowship: Immediate joining is possible from August. The tenure is upto May 30th, 2024.

Fellowship: As per DST norm (47,000 Rs/month for RA-I, 49,000 Rs/month for RA-II, 54,000 Rs/month for RA-III. For senior project associate, this will be 42,000 Rs/month). HRA will be given as per norms.

Eligibility: Applicants should have either a **Ph.D** degree or submitted the **Ph.D** thesis at the time of joining.

Deadline of application: August 1st, 2023.

Application procedure: Interested candidates should send their CV, publication list, and a research statement (not more than a page), along with a cover letter to postdoc.cefipra.iop@gmail.com, and specifying 'Postdoc-HEP-CEFIPRA-applicant's name' in the subject line. The applicants should arrange **two letters of recommendations**, which should be sent to the above email id 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, or thesis submitted).

Recommendation letters to be sent to: postdoc.cefipra.iop@gmail.com. within 1st August, 2023.

The shortlisted candidates will be invited for an online interview/short presentation of their work

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