

Postdoc positions in Statistical, Soft Matter and Biological Physics (theory and experiment) at IOP, Bhubaneswar

Applications are invited for three (3) Postdoc positions to work in the area of Statistical Physics, Soft Matter & Biological Physics at Institute of Physics, Bhubaneswar.

Eligibility: The applicant should have a Ph.D. degree with experience in the broad area of statistical physics, soft condensed matter physics or biological physics. Those who have submitted or are about to submit their PhD thesis may also apply, however they should have a provisional degree at the time of joining.

Desirable Expertise: We are looking for people with either theoretical or experimental backgrounds. Expertise in theoretical methods of equilibrium and non-equilibrium statistical physics, modeling, numerical simulations (molecular dynamics, and Monte Carlo) are desirable. Experience in studies of active matter, phase transition, pattern formation, stochastic dynamics/thermodynamics, complex fluids etc. will be useful. For the experimental activity, a background in soft matter/complex fluids/biophysics with experience in rheometry/microrheology/ optical tweezer and ability to design tabletop experiments is desirable. The ability to collaborate and work in a multidisciplinary setup is expected.

Terms of appointment: The initial appointment of the candidate will be for one year, extendable up to a maximum of three years, depending on the candidate's performance. The fellowship and contingency grant are at par with other autonomous institutes funded by the DAE (Govt. of India). Campus accommodation is subject to availability. HRA would be given at the applicable rate for the candidates staying outside the campus.

Application procedure: Applications with a cover letter, complete bio-data, and a research statement should be sent as one pdf file to cmph@iopb.res.in. The research statement should include the summary of research until now and a brief outline of the future plan of research. *Two recommendation letters* from people familiar with the candidate's research are also to be sent by the deadline.

Shortlisted candidates will be contacted by email and will be called on for a seminar and interactions in person or online.

For further information and clarifications, candidates may contact D. Chaudhuri (debc@iopb.res.in), G. Tripathy (goutam@iopb.res.in).

Last Date: Tentative deadline of receipt of the complete application and all recommendation letters is **31 March 2023**. However, applications will be considered until the positions are filled.