



TATA INSTITUTE OF FUNDAMENTAL RESEARCH

National Centre of the Government of India for Nuclear Science and Mathematics and a
Deemed University

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Advertisement No. 2023/4

Applications are invited for **ONE POSITION of VISITING FELLOW** (POST-DOCTORAL POSITION) to work on an **Indo-French project** titled **“Finite-sized fluctuations in complex systems: A large deviation approach”** funded by **CEFIPRA** under PI: **Dr. Shamik Gupta** (<https://sites.google.com/view/shamikguptagroup/>) in the **Dept. of Theoretical Physics (DTP), TIFR, Mumbai**.

Post	Essential Qualification	Job Requirement	Fellowship	Nature & Period of Post
Visiting Fellow (Post-Doctoral Fellow)	Candidate is expected to have an excellent track record with a Ph.D. in Physics or related fields (Statistical Physics). Those who have submitted thesis to a recognized institute for such a degree will also be considered.	<p>The selected candidate is expected to carry out research on the topic of large deviations in complex systems in and out of equilibrium.</p> <p>The candidate is expected to have broad interests in statistical physics with analytical and numerical expertise.</p> <p>In TIFR, the candidate is expected to work with Dr. Shamik Gupta, DTP and to spend extended periods of stay in France working in close collaboration with Prof. Julien Barre, Univ. of Orleans, Orleans, France.</p>	Fellowship: Rs.47,000/- p.m. + HRA as admissible	Initial appointment is for a period of 1 year, extendable to a further 9 months based on performance. Further extension may be possible depending upon performance and availability of funds.

Last date for receipt of applications is February 23, 2023

Interested applicants can send the application via email to Dr. Shamik Gupta (shamik.gupta@theory.tifr.res.in) and to Dr. Julien Barre (Julien.barre@univ-orleans.fr) with subject line **“Application for CEFIPRA Postdoctoral Position 2023”**.

- The email should contain
 1. Cover letter
 2. Curriculum Vitae
 3. Research Statement
 4. Publication list
- Additionally, three recommendation letters with the subject **“Recommendation letter for CEFIPRA-postdoc applicant [Name of the candidate]”** may be sent by referees directly to Dr. Shamik Gupta (shamik.gupta@theory.tifr.res.in) and to Dr. Julien Barre (Julien.barre@univ-orleans.fr).
- Shortlisted candidates will be called for an interview at a later date.