ICTS | INTERNATIONAL CENTRE *for* THEORETICAL SCIENCES

TATA INSTITUTE OF FUNDAMENTAL RESEARCH

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Faculty positions in physical and computational biology

The International Centre for Theoretical Sciences (ICTS) of the Tata Institute of Fundamental Research (TIFR), Bengaluru, India, is seeking applications from candidates with outstanding academic records for one or more faculty positions in physical and computational biology at junior and senior levels.

We seek applicants with research experience at the interface of biology with physics, mathematics, and computer science. Examples of specific research areas that we are looking for include, but are not limited to, physical approaches to cell and developmental biology, computational cognitive neuroscience, and ecology and evolution.

The physical and computational biology unit aims to address fundamental biological questions in a quantitative manner using interdisciplinary methods, and strongly encourages collaborations with experimentalists and theorists. Current research includes mechanobiology, physics of the actomyosin cytoskeleton, active matter, mechanochemical pattern formation in developing embryos. The unit has strong collaborations with the National Centre for Biological Sciences (NCBS-TIFR), Bangalore. For more information, please visit https://www.icts.res.in/research/physbio/

Please submit your application material at https://forms.icts.res.in/faculty-physical-biology/ Applications are welcome from persons of all nationalities. Applications will be primarily reviewed after each of the two deadlines: 30 September 2017 and 01 January 2018, but candidates may be considered at other times as well. Selected candidate(s) would be expected to teach and mentor graduate students and postdocs, and participate in the activities of ICTS. For clarifications, please write to <dean.academic@icts.res.in>.

About ICTS-TIFR: Founded in 2007, ICTS is a unique institution in India with three interlinked missions - programs, research, and outreach. Programs bring together researchers from all over the world, under one roof, to work together to solve the most challenging questions posed by nature; to discover the underlying structures across the sciences; and to strive for the unity of knowledge. Research at ICTS is a union of families of researchers working across the broad themes of complex systems (statistical and condensed matter physics, fluid dynamics and turbulence, physical biology), space-time physics (string theory, astrophysical relativity), and mathematics. Outreach at ICTS aims to draw members of civic society into the adventure of science through a variety of exciting activities. The ICTS campus provides a modern and well-equipped work environment and also has a guesthouse, a housing complex, healthcare, childcare, and recreational facilities for members and visitors. Please visit https://www.icts.res.in/ for more information on ICTS.