

Mechanobiology Institute
National University of Singapore
5A Engineering Drive 1, 117411 Singapore

Paris, the 17th May 2018

Call : Postdoctoral Position at the MechanoBiology Institute, National University Singapore

The theory group at MBI is looking for a postdoctoral fellow to start at the end of 2018 / beginning of 2019.

A strong background in statistical physics, soft matter and numerics/simulation is required. A good knowledge of biological physics including active systems will be welcomed.

The Mechanobiology Institute (MBI) of the National University of Singapore is an internationally recognized research center in which biologists and physicists work closely together. The experimental research activity ranges from cell biology to tissue mechanics and developmental biology.

Many aspects of this activity are amenable to a solid theoretical analysis based on basic principles of physics. The theory group does not restrict its scope to experiment interpretation; our objective is to develop generic theoretical frameworks that have a predictive value, which can inspire new experiments. We use a large spectrum of theoretical tools, which can be analytical or numerical. A strong collaboration with the Curie Institute in Paris will be maintained and we also plan to develop strong collaborations with the Turing Institute in Marseille.

Jacques Prost

Distinguished visiting professor at the Mechanobiology Institute
CNRS Emeritus director at the Curie Institute
Member of the French Academy of Sciences

Applications should be sent to: jacques.prost@curie.fr.