

Postdoc fellowship in Network Science, Politecnico di Torino, Italy

DESCRIPTION

Post-doctoral researcher, for a duration of 18 months (extendable to 24), within the research project “Mac2Mic” - Macro to Micro: uncovering the hidden mechanisms driving network dynamics. The project is funded by the Italian Ministry of Foreign Affairs and International Cooperations and by the Ministry of Science and Technology of the State of Israel, in the framework of the bilateral initiatives of scientific and technological cooperation. The aim of the project is the inference of local/individual dynamics (node dynamics) in networked systems for which global measurements at the population level (i.e., “observables”) are available.

The project is carried out in collaboration with Dr. Guido Caldarelli (Institute of Complex Systems, National Research Council, Rome, and IMT Lucca) and Dr. Baruch Barzel (Bar-Ilan University, Tel Aviv, Israel). The post-doctoral researcher will be hired at Politecnico di Torino. An outgoing mobility phase of at least two stays of two months each at Bar-Ilan University is mandatory (additional funds for mobility are allocated).

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