

Open positions: Postdoctoral Research Fellow

Two postdoctoral positions are opened in the research group of Tomaz Prosen at the Faculty of Mathematics and Physics, University of Ljubljana. Both positions are initially for 2 or 3 years, with the possibility of an extension up to a maximum of five years.

Expected topic of research is non-equilibrium quantum dynamics of interacting many-body systems with emphasis on exactly solvable models, integrability and integrability breaking, as well as dynamical chaos in many-particle and field systems.

The candidates should hold a PhD or equivalent degree in theoretical physics.

They are expected to have a strong background in either theoretical/mathematical physics of condensed matter systems, statistical/quantum field theory, integrability, or dynamical systems/quantum chaos. Experience in developing and/or applying advanced computational methods in interacting systems, such as DMRG or Tensor network simulations, quantum Monte Carlo, etc, is welcome but not required.

The positions are funded by an ERC Advanced Grant “Open Many-body Non-Equilibrium Systems” and we expect to offer competitive salaries and excellent working conditions.

The earliest starting date is October 1 2016, the latest in the first half of 2017.

Interested candidates should apply by email, sending a detailed CV with the statement of research interests, as well as arranging for at least two letters of reference, to:

tomaz.prosen@fmf.uni-lj.si