
POST-DOC POSITIONS

Two-year postdoc position at the University of Padua (Italy)

Project title: "Topological statistical dynamics: emergent features in the stochastic evolution of entangled polymers". Supervisors: F. Seno and F. Baldovin.
Fitting to a first post-doc, with a net salary of about 17.5 k€ per year. Funds available to the research activities of the post-doc. Knowledge and skills in numerical techniques within the field of statistical physics is recommended. Reference letters required. Project aim: to investigate the influence of polymerization processes and topological constraints on polymer dynamics (see <https://doi.org/10.3389/fphy.2019.00124>). starting in the first part of 2020.

From: Fulvio Baldovin <fulvio.baldovin@pd.infn.it>

Postdoc position (1+1 year) Carrier localization in GaN-based and novel semiconductors at Ecole Polytechnique (Palaiseau, France)

Modeling of charge carrier wave function localization in III-nitride semiconductors and metal halide perovskite materials. The recruited candidate will be supervised by M. Filoche and C. Weisbuch in the laboratory "Physique de la Matière Condensée", located at Ecole Polytechnique (Palaiseau, France), and will join an international project supported by the Simons Foundation on 'Localization of Waves'.
See: https://pmc.polytechnique.fr/IMG/pdf/rh-cnrs-profils_chercheur_v2-en.pdf and <http://wave.umn.edu/open-positions>

From: Marcel Filoche <marcel.filoche@polytechnique.edu>

**2 post-doc positions on open quantum systems
Physics Dept of Jagiellonian University in Krakow, Poland**

The NISQ project ("Near-term quantum computers") is looking for two postdocs to work on using statistical physics to characterize the computational power and possible practical applications of quantum computing devices consisting of a limited number of imperfect qubits. NISQ is a collaboration between three groups based in Warsaw, Krakow and Gliwice in Poland. See: www.nisq.eu.
<https://euraxess.ec.europa.eu/jobs/452419>

From: Erik Aurell <eaurell@kth.se>

Postdoc position at Tampere University, Finland

The Complex Systems group (<https://research.tuni.fi/cs/>) at Tampere University lead by Prof. L. Laurson invites applications for a 2 year postdoc position in computational statistical physics of materials deformation. The deadline is November 1, 2019. For more information and instructions on how to apply, see https://tuni.rekryointi.com/paikat/?o=A_RJ&jgid=1&jid=327

From: Lasse Laurson <lasse.laurson@gmail.com>

Postdoctoral Position at the Barabási Lab in Boston, Massachusetts, USA

The lab of Professor A.-L.Barabási, together with the Network Science Institute at Northeastern University and the Division of Network Medicine at Harvard University, is looking for postdoctoral research associates in the area of network science, biological networks and food, science of science, and machine learning/AI.

We are seeking motivated individuals with interest in applying network science toward social, physical, and biological/food systems. The ideal candidate has a physics, computational sociology, computer science, mathematics, or chemistry/engineering PhD, and previous working experience in network science. For more information and instructions on how to apply, please visit: <https://www.barabasilab.com/jobs>.

From: Rachael Leary <r.leary@northeastern.edu>

Rules and archives see <https://listes.ens-lyon.fr/sympa/subscribe/info.statphys>
