

Weekly newsLetter in Statistical Physics: conferences, academic jobs and post-doc positions

CONFERENCES

Fourth Bangalore School on Population Genetics and Evolution January 27-February 7, 2020

This school aims to expose students and researchers from diverse backgrounds including biology, computer science, mathematics and physics to the basics and the forefront of current research in population genetics. Applications are invited from PhD students/postdocs interested in biological evolution or population genetics. For details, visit: <https://www.icts.res.in/program/popgen2020>

From: Kavita Jain (jain@jncasr.ac.in)

POST-DOC POSITIONS

Postdoctoral research fellow, Statistical and Thermal Physics group, School of Science, RMIT University, Melbourne Australia.

A position is available for a postdoctoral researcher with a PhD in a relevant area of Physics, Chemistry or Engineering to work on a project on mesoscopic modelling of the viscoelastic properties of heterogeneous polymeric materials. Applicants should possess a high level of knowledge in statistical and thermal physics with background in the theory of mechanical and thermal properties of materials. For further information and to apply, go to:

<http://yourcareer.rmit.edu.au/caw/en/job/580841/postdoctoral-research-assistantfellow>

Applications close on Friday Sept. 13, 2019.

From Peter Daivis: peter.daivis@rmit.edu.au

Postdoc in Soft matter physics approaches to biological physics, Safran's group, Dept. Chemical and Biological Physics, Weizmann Institute of Science, Rehovot, Israel

Postdoc starting in late spring-fall 2020 with expertise in analytical theory in soft matter physics approaches to biological physics, to perform theoretical research in biological physics in collaboration with experimental groups. Areas of interest are represented by the publications on <http://www.weizmann.ac.il/fluids/SafranGroup/>. Start date is late spring-fall 2020.

Conditions of the postdoctoral fellowship can be seen at

<https://www.weizmann.ac.il/feinberg/fellowship-aid/postdoctoral-fellows>

Please email a CV, list of publications, names of at least two referees and research statement.

From: Samuel Safran <Sam.Safran@weizmann.ac.il>

Postdoc position at Laboratoire de Physique Théorique in Toulouse, France

A 2-year postdoctoral position is now available at Laboratoire de Physique Théorique in Toulouse, focused on the Theory of Quantum Disordered Systems. Key-words: glassy nature of quantum disordered systems; Anderson localization;

Many-body localization; Superfluid-insulator transition.

See: <http://www.lpt.ups-tlse.fr/spip.php?article1467&lang=en>

From: Nicolas Laflorie <n.laflorie@gmail.com>

Postdoc position directed self-assembly of polymers, Gaithersburg, MD, USA

The candidate will advance materials by design principles through the development of new block copolymers for next generation lithography for the semiconductor industry. The fellowship will be funded through the Center for Hierarchical Materials Design (CHiMaD—<https://chimad.northwestern.edu>) to support collaborative research between the groups of P. Nealey and J. de Pablo at Univ. of Chicago and the project led by J. Kline at NIST. The postdoc will be primarily stationed in the Materials Science and Engineering Division at NIST in Gaithersburg, MD but will make extended visits to the University of Chicago. Multiple techniques—atomistic molecular simulations, coarse-grained molecular simulations, data analytics and machine learning will be used to elucidate the crucial links between chemistry, thermodynamics and, ultimately, polymer structure. At all steps, the postdoc will work closely with experimentalists for validation and exchange of ideas. The efforts will also be linked to the polymer property predictor and database project (<http://pppdb.uchicago.edu>).

Send a CV to debra.audus@nist.gov or joe.kline@nist.gov.

Start dates of late 2019/early 2020.

From: Debra Audus <debra.audus@nist.gov>

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