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

CONFERENCES

Workshop on Micromechanics, Statistics, and Hazards of Mechanical Failure, October 19-22, 2020

The interdisciplinary Workshop on Micromechanics, Statistics, and Hazards of Mechanical Failure (October 19-22, 2020) aims to establish a common understanding of the theoretical foundations and the practical characterization of avalanche phenomena and precursors to failure in mechanical systems, stimulating new interdisciplinary collaborations across different areas and contexts. List of speakers, schedule and info: <http://fail.crm.cat/drupal/schedule> Free registration: <https://forms.gle/B2Mf4o36q2foSSBo7>
Event organized by Centre de Recerca Matemàtica (CRM) and sponsored by the AXA Research Fund.

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ACADEMIC JOBS

Lectureship in Disordered Systems in the Department of Mathematics ,
King's College London, UK

Candidates are expected to have a PhD in Mathematics, Theoretical Physics or related areas, and research expertise in some area of Complex and Disordered Systems (understood in a broad sense). For example, but not exclusively, in statistical and quantum mechanics of systems with disorder, soft matter and glassy materials, econophysics, statistical inference and machine learning. A research record in studying non-equilibrium phenomena would be an advantage, but strong candidates in other relevant areas will be given a serious consideration. Further details including links to the application portal are at <https://jobs.kcl.ac.uk/gb/en/job/006864/Lecturer-in-Disordered-Systems>

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POST-DOC POSITIONS

**Postdoctoral position in computational soft matter physics
at the Courant Institute, New-York University, USA**

An NSF-funded postdoctoral position is available at the Courant Institute for Mathematical Sciences at New York University, with close connections to the Center for Soft Matter Research. The postdoctoral researcher will work in the group of Prof. A. Donev (<http://cims.nyu.edu/~donev>) on developing fast methods for solving electrostatics and Stokes flow problems involving particles in semi-confined geometries. Examples of physical systems of interest include suspensions of colloids driven by external electric and magnetic fields, lipid membranes, and electrolytes. There is some flexibility in the starting date, and

the initial appointment is expected to be for two years. Applicants should contact Aleks Donev first. More details and formal application are available at <https://apply.interfolio.com/79534>

From: Aleksandar Donev <donev@courant.nyu.edu>

MISCELLANEOUS

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