

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

CONFERENCES

SigmaPhi 2020 Special Session Entropies and Correlations in Complex Systems, Chania, Crete, Greece during 13-17 July, 2020

The goal of this section is to gather researchers from statistical physics and information theory communities in order to re-examine the role of generalized entropies and generalized thermostatics in complex system modeling, with focus on mean-field spin systems, systems with emergent structures, nonequilibrium systems, multifractals, disordered systems, chaotic systems, and complex networks. All the researchers from statistical physics and information theory who have an interest in the aforementioned fields are welcome to submit their contributions to this section.

http://sigmaphisrv.polito.it/index.php?option=com_content&view=article&id=211:s4&catid=27:special-sections-2020&Itemid=330.

From: Shamik Gupta <shamikg1@gmail.com>

ACADEMIC JOBS

**Junior researcher permanent position at IPhT Saclay, France
in Theory of Quantum Physics and Quantum Information**

The Institut de Physique Théorique of CEA-Saclay opens a permanent position for a junior theorist in Quantum Physics and Quantum Information, to be filled in 2020. This is a CEA researcher position (no teaching duties attached). We are looking for a junior theoretician interested in one or several of the following topics: quantum information; quantum computation, simulation and algorithms, quantum communication and metrology; theory and physics of quantum systems and quantum matter. <https://academicjobsonline.org/ajo/jobs/15801>

From: "Jérémie Bouttier" <jeremie.bouttier@ipht.fr>

POST-DOC POSITIONS

**Post-doc in theoretical Physical Chemistry (2 years, starting Oct. 2020)
Phenix laboratory in Sorbonne Université (Paris, France)**

A newly opened post-doc position within the ERC project SENSES (making Sense of Electrical Noise by Simulating Electrolyte Solutions), which aims at providing an integrated understanding of electrical fluctuations in bulk, interfacial and confined ionic fluids. Using molecular-scale simulations, the post-doctoral fellow will investigate more specifically what information NMR relaxometry experiments can provide on the multiscale dynamics of individual ions, on that of the ionic cloud around it or within electric

double layers, in connection with experiments performed in our lab.

<https://emploi.cnrs.fr/Offres/CDD/UMR8234-BENROT-002/Default.aspx?lang=EN>

Benjamin Rotenberg <benjamin.rotenberg@sorbonne-universite.fr>

Postdoctoral Position at NTU Singapore

Research Fellow position about measuring, modelling, and enhancing social resilience. Work with H. Herrmann (ETH Zurich and ESPCI, Paris) and C. Siew Ann (NTU) to build and simulate a network model, to understand how a community can recover critical social functions after a crisis. The candidate should have a PhD degree preferably in Statistical Physics, and should have experience in simulating and analysing complex network models, have published in this area and have excellent programming skills.

For more details see: comphys.ethz.ch/hans/Ad.pdf

From: Herrmann Hans Jürgen <hans@ifb.baug.ethz.ch>

CCP2020: 32nd IUPAP Conference on Computational Physics, Coventry, England, August 2-6

CCP is the leading event in computational physics held annually alternating between Europe, the Americas, and Asia & Oceania. It covers a wide range of areas including statistical mechanics and complex systems, soft matter, biophysics, materials & nano-science fluid dynamics, quantum many-body physics, quantum computing, lattice field theory, astrophysics, gravitation, cosmology, novel hardware & software, computational physics education, machine learning & algorithms, and geophysics & porous media. Previous meetings include Hong Kong (2019), Davis (2018), Paris (2017), Pretoria (2016), Guhawati (2015), Boston (2014) and Moscow (2013). Deadline for contributions is May 15. <https://ccp2020.complexity-coventry.org/>

From: Martin Weigel <martin.weigel@gmail.com>

Interdisciplinary postdoctoral fellowships at University of Amsterdam, Netherlands

A couple of three year postdoctoral fellowships available at the University of Amsterdam as a part of Dutch Institute for Emergent Phenomena (DIEP).

For further details and contact information, please consult the following link:

<https://www.d-iep.org/diep-uvaopenpositions>

From: "Jabbari Farouji, Sara" <s.jabbarifarouji@uva.nl>

Two postdoc vacancies in statphys of active/driven matter at DAMTP, Cambridge, UK

We are currently seeking two Postdoctoral Research Associates in the Soft Matter Group in Cambridge's Department of Applied Mathematics and Theoretical Physics (DAMTP) to work on Statistical Physics of Active and/or Driven Matter. <http://www.jobs.cam.ac.uk/job/25461/>

From: Mike Cates <m.e.cates@damtp.cam.ac.uk>

MISCELLANEOUS

Updating your email address

If you want to update your address to receive messages for this mailing list, please visit <https://listes.ens-lyon.fr/sympa/signoff/info.statphys> to unsubscribe from the old address and visit <https://listes.ens-lyon.fr/sympa/subscribe/info.statphys> to subscribe to the new one.

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