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

CONFERENCES

Colloquium in memory of Loup Verlet, ENS Paris, France

The one-day Colloquium will be held at Ecole Normale Supérieure in Paris on January 22d, 2020. Loup Verlet, who passed away on June 13th 2019, was one of the founding fathers of Computational Statistical Mechanics, which he introduced in Europe in the 1960's. Presentations will be made by leading practitioners of Molecular Dynamics and Monte-Carlo simulations. Practical details and the Programme of the Colloquium are available on the web-site: [<https://verlet2020.sciencesconf.org/>](https://verlet2020.sciencesconf.org/)

From: Jean-Pierre Hansen <jph32@cam.ac.uk>

**Workshop on Open Quantum Dynamics and Thermodynamics,
30.3.-3.4.2020, IBS South Korea**

The Institute for Basic Studies in Daejeon, South Korea, is organizing a workshop on Open Quantum Dynamics and Thermodynamics. Topics include:

- Strong coupling and non-Markovian (thermo-)dynamics
- Quantum machines
- Many-body open systems
- Driven open systems
- Fluctuation theorems

Registration for participation is open until Jan. 5, 2020.
https://pcs.ibs.re.kr/PCS_Workshops/PCS_OpeQ.html

From: Tapio Ala-Nissila <alanissi@gmail.com>

**Entropy 2020: The Scientific Tool of the 21st Century
6-8 May 2020, Porto, Portugal**

The concept of entropy emerges initially from the scope of physics, but it is now clear that entropy is deeply related to information theory and the process of inference. Today, entropic techniques have found a broad spectrum of applications in all branches of science. The conference will be organized into six sessions, which reflect the inter-disciplinary nature of entropy and its applications: Statistical Physics, Information Theory, Probability and Statistics, Thermodynamics, Quantum Information and Foundations, Complex Systems, Entropy in Multidisciplinary Applications. Abstract submission deadline: 12 January 2020. Awards for students are available. Information and registration: <https://sciforum.net/conference/Entropy2020>.

From: Stefanie Li <stefanie.li@mdpi.com>

POST-DOC POSITIONS

Post-Doc position "viscous wind waves", Orsay, France

Post-doc position for 1 year or more on "non-linear evolution of viscous wind-waves" is available at laboratory FAST (Orsay-France), starting March 2020. More details at http://www.fast.u-psud.fr/fichiers/Moisy-Rabaud_2020.pdf

From: Marc Rabaud <marc.rabaud@u-psud.fr>

5 PostDoc Positions in Statistical Physics,
(2-years beginning in autumn 2020) at SISSA, Trieste, Italy

-Coarse-grained description for non-equilibrium system and transport phenomena" (A. Gambassi, S. Ruffo)
-Low dimensional quantum systems: theory, experiments and simulations (P. Calabrese and G. Mussardo)
- New Entangled states of Matter Out of equilibrium (P. Calabrese). This position can be extended up to three years.
-Entanglement, quantum fields and holography (E. Tonni)
Deadline for applications: 15/01/20, but earlier submissions are encouraged.
Research interests of the group: <http://www.sissa.it/statistical/>.
Application: <https://academicjobsonline.org/ajo/joblist---2777-15448>

From: Andrea Gambassi <gambassi@sissa.it>

Post-doc position "Assessing Spatial Heterogeneity through Random Walks on Graphs" Queen Mary University of London, UK

Experienced Postdoctoral Research Assistant sought, to work on the project "Assessing spatial heterogeneity through random walks on graphs", funded by EPSRC, under the supervision of Dr. Vincenzo Nicosia, QMUL. The post is full-time and fixed-term for 12 months, salary £34,220-£36,098 P/A, 30 days annual leave, generous travel allowance, USS pension scheme. Deadline: 12th Dec. 2019. Enquiries to v.nicosia@qmul.ac.uk
More info at: <https://webapps2.is.qmul.ac.uk/jobs/job.action?jobID=4828>

From: Vincenzo Nicosia <v.nicosia@qmul.ac.uk>

Senior Postdoctoral Fellowship at ICTP, Trieste, Italy

The Quantitative Life Sciences section of the Abdus Salam International Center for Theoretical Physics (ICTP) seeks applications for a senior postdoctoral fellowship starting spring 2020. Candidates should have a background in theoretical physics (statistical physics), mathematics (probability, statistics), computer science, information theory, electrical engineering and/or related disciplines, and be able to carry out active, independent and multidisciplinary research in Theoretical and Computational Neuroscience. For the full job description, see <https://www.ictp.it/about-ictp/media-centre/news/2019/11/qls-postdocs-2020.aspx>
Deadline for applications: 15 January, 2020: <https://e->

applications.ictp.it/applicant/login/QP20

From: Quantitative Life Sciences <qls@ictp.it>

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