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

CONFERENCES

**Summer School Halide perovskite materials for optoelectronic applications,
June 28th - July 4th, 2020 at Piriac-sur-Mer, France.**

This CNRS thematic school will bring together scientists involved in research on metal halide perovskites. The school is based on a keystone related to devices: specifications of each application will raise concepts, properties and tools that deserve to be considered. Its main blocks will cover three major aspects related to halide perovskite research, namely:

i) The perovskite material in its diversity; ii) the basics of characterization tools ranging from experimental technics to theoretical modeling; iii) Perovskite material properties. In addition, several specific tutorials dedicated to a more specialized audience will be organized in parallel.

More information: <https://hpero-school.sciencesconf.org/>

From: Claudine Katan <claudine.katan@univ-rennes1.fr>

**Phd School STIMULATE
June 22-July 3, 2020. University of Tor Vergata, Rome, Italy**

PhD School on Machine and Reinforcement Learning, Rare Events and Tensor Networks.

1st week courses:

-Machine Learning (by B. Mehlig, University of Gothenburg, Sweden)

-Reinforcement Learning (by A. Celani, ICTP, Trieste, Italy)

2nd week courses:

-Rare Events (by M. Parrinello, M. Piccini and M. Invernizzi, ETH Zurich, Switzerland)

-Tensor Networks (by M.C. Banuls, MPQ Garching, Germany)

for more details: <https://stimulateworkshop2020.wordpress.com/>

From: biferale <biferale@roma2.infn.it>

**Conference "Near-term quantum computers",
April 22-24, 2020, in Warsaw, Poland.**

Web: <https://agenda.albanova.se/event/6904/>

Venue: Center for Theoretical Physics of the Polish Academy of Sciences, in Warsaw (Poland). Registration is open. There is no registration fee, but there is a participation fee.

From: Erik Aurell <erik.aurell@physics.kth.se>

**International Conference on Physics and Biological Systems,
June 22-24 2020 (Ecole Polytechnique, France)**

The PhysBio international conference series brings together scientists

working at the interface between Physics and Biology. Prestigious invited speakers cover a wide range of interdisciplinary topics, and short talks are given by selected PhD students.

More information at: <http://lptms.u-psud.fr/physbio2020/>

Registration will open soon and will be free for students.

From: Martin Lenz <martin.lenz@u-psud.fr>

POST-DOC POSITIONS

1-year postdoctoral position is being opened at Institut Lumière Matière (Université Lyon 1 & CNRS, France) on physical approaches to human mobility.

As urbanisation and travel demand keep growing, the issues of congestion and environmental damage that they generate call for efficient remedial policies. Reliable models for human mobility are therefore needed. The project explores novel approaches, inspired from Statistical Physics, to establish the first laws that govern mobility, starting with the problem of parking search time.

For more information, visit <https://fr.alexandrenicolas.net/join-us>

From: Alexandre NICOLAS <alexandre.nicolas@univ-lyon1.fr>

MISCELLANEOUS

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