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

Postdoctoral positions in machine learning, dynamical systems and turbulence, group of M. Graham, University of Wisconsin-Madison, USA

This project aims to integrate and extend ideas and tools from dynamical
systems theory and machine learning for better understanding, prediction
and control of complex chaotic dynamics in systems like wall turbulence.
Here's a sample of some of what we're doing: https://doi.org/10.1103/PhysRevE.101.062209.
See https://directory.engr.wisc.edu/che/Faculty/Graham_Michael/. To apply, send a CV and
pdfs of publications.

From: Mike Graham <mdgraham@wisc.edu>

**Postdoctoral position in solid state physics, Theory - Perovskites,
at ISCR, Rennes, France.**

A postdoctoral research associate position is available in the department of
theoretical inorganic chemistry at Institut des Sciences Chimiques de Rennes
for a talented and ambitious researcher. The position is funded through the
H2020 FETOPEN under the POLLOC proposal on polariton logic and mainly
deals with the physics of excitons in relation with experimental work
performed at ETH and IBM Zürich. More at https://emploi.cnrs.fr/ (job portal
mandatory for any application) and psi-k http://psi-k.net/jobs/postdoctoral-position-
simulation-of-excitons-in-m/.

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

**Call to submissions to the Special Issue of "Membranes" on Modeling
and Simulation of Lipid Membranes, edited by J. Marti and C.Calero.**

Membranes are highly complex, dynamic structures that are absolutely
fundamental to life, forming the most relevant interface in biology. In order
to advance our understanding of membrane properties and, beyond, to gain
knowledge on diseases such as many cancers or the most recent SARS-
CoV-2, it is also crucial to acquire information on the interaction of pathogens
with the cell, since it will undeniably be through the cell membrane. The
use of different computational techniques and modeling approaches,
combining computer simulations with available experimental data, will provide
such information. This Special Issue aims to gather new key contributions to
the field and also give an overview about the connection between
experiments and computer simulations, addressing fundamental aspects
and applied research in biological membranes.The deadline for submissions is 31 March
2021.
https://www.mdpi.com/journal/membranes/special_issues/Model_Simulation_Lipid_Membra
nes#editors   "

From: Jordi Marti Rabassa <jordi.marti@upc.edu>

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