Workshop on Science of Data Science,
ICTP, Trieste 30 Sept-4 Oct 2019

The workshop aims at gathering active scientists from different
domains (statistics, machine learning, statistical physics, computer
science) who made significant contributions in order to address
conceptual questions in Data Science, where a unified, well
accepted picture is still lacking
Deadline for applications: 30 June 2019
More information at http://indico.ictp.it/event/8722/

From: Matteo Marsili <marsili@ictp.it>

Post-doc position in nonequilibrium statistical physics
Université Libre de Bruxelles (ULB), Physics Department 2019-2020

A postdoc position is open starting October 1st, 2019 in the research group
«Physics of Complex Systems and Statistical Mechanics» of ULB
(http://complex.ulb.ac.be/).
The candidate is expected to hold a PhD degree for no more than 5 years
with a high-level expertise in nonequilibrium statistical mechanics and the
theory of stochastic processes, and strong skills in theory, mathematics,
and computational methods, demonstrated by an excellent publication record.

From : Pierre Gaspard <gaspard@ulb.ac.be>

Summer School "Molecular Modeling: Real Applications and New Approaches"
Scientific Park of Sardinia, Pula, Sardinia (Italy), July 29th - August 2nd, 2019

The school is focused on Computational molecular modeling (CMM). Participants
will be provided with the tools necessary to i) understand which aspects of the
systems (molecules, complexes, processes, ...) of interest can be studied with
CMM techniques, ii) know which CMM techniques are available and their
application fields, objectives and limits; iii) analyze, interpret, compare the results
of these techniques in real applications, and iv) be able to plan a virtual experiment
in an optimal way and be able to evaluate the reliability of the achieved results.
All information, including registration, program and contacts (cmm@crs4.it) can be
found in the school web page: Information and Registration: http://cmm.crs4.it
Contact: cmm@crs4.

From: Maria Valentini <maria@crs4.it>

**Postdoctoral Positions in Quantitative Biological Modeling / Biomedical Informatics
in the research group led by Dr. Pan-Jun Kim at Hong Kong Baptist University (Department
of Biology)**

The research will focus on the predictive computational modeling of (i) global microbial
ecosystems inside human body and (ii) various metabolic, regulatory, and signaling
networks inside/between cells, and (iii) large-scale analysis of multi-omics and medical data.
To apply, please send your cover letter and curriculum vitae (including the contact
information
of at least three references) to panjunkim@hkbu.edu.hk
Full information is available at http://panjunkim.com.

From: Pan-Jun Kim <panjunkim@hkbu.edu.hk>

**Workshop: "Evolution of interacting populations" (submission Deadline: May 7th)
15-17 September 2019 at Max-Planck Institute for Evolutionary Biology, Plön, Germany**

In this workshop, we assemble scientists studying evolving ecological
systems from mathematics and physics perspective to discuss the directions
that evolution can take and how to model such systems.
For more information: https://workshops.evolbio.mpg.de/event/15/overview
On behalf of the committee, Hye Jin Park

From: Hye Jin Park <hjpark@evolbio.mpg.de>

Postdoc position on computational polymer rheology at Göttingen Germany

Postdoctoral fellowship (salary group 13 TV-L) in the area of computer simulation of
polymer materials and soft matter at the Institute for Theoretical Physics of the
Georg-August University, Göttingen, Germany. The initial appointment will be for one
year and an extension is possible. The project aims at studying the rheology of dense
polymer melts and composites via computer simulations of highly coarse-grained models
and comparing the results to experiments and/or more detailed models.
Candidates are expected to hold a PhD degree in Physics, Chemistry, or Engineering,
have proven experience with molecular dynamics simulations of coarse-grained polymer
models, and have very good communication skills in English; experience in high-performance
computing (using e.g., HOOMD) is desirable. The Georg-August University is an equal
opportunity employer and supports gender equality. Applicants should submit a curriculum
vitae, list of publications, and contact information (preferably in the form of email
addresses) for two references. Applications will be accepted until the position is filled.

From: Marcus Müller <mmueller@theorie.physik.uni-goettingen.de>