

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

CONFERENCES

KITP program 'Towards an Integrative View of Adaptation: Bridging Population and Quantitative Genetics', June 13-July 15, 2022, Santa Barbara, USA

Applications are invited from statistical physicists working or interested in biological evolution for a KITP program that aims to develop links between the bottom-up and top-down approaches in understanding adaptive dynamics. Female scientists are encouraged to apply.

For details, visit <https://www.kitp.ucsb.edu/activities/adapt22>

From: Kavita Jain (jain@jncasr.ac.in)

Lake Como School on "Thermodynamics of Quantum Systems and Processes", March 22 - 26, 2021, Italy

This is a pedagogical school, intended for Ph.D. students, post-doctoral fellows and other researchers. The following courses will be offered:

1. Quantum measurements and thermodynamics (Alexia Auffeves)
2. Fluctuation relations in quantum systems (Michele Campisi)
3. Quantum thermal machines (Ronnie Kosloff)
4. Non-Markovianity and thermodynamics of open quantum system (Massimo Palma)
5. Non-equilibrium thermodynamics of quantum circuits (Jukka Pekola)
6. Experimental stochastic and quantum engines: from single particle to many body (Ferdinand Schmidt-Kaler).
7. Quantum thermoelectricity (Robert Whitney)

Deadline for applications: February 14, 2021. Information about the School can be found at <https://tqsp.lakecomoschool.org/>

From :Giuliano Benenti <giuliano.benenti@uninsubria.it>

Joint European Thermodynamics Conference 2021, Prague, Czech Republic, June 14-18, 2021

The conference is focused on thermodynamics and related topics, including statistical physics. A mini-symposium will be organized on large deviations and non-equilibrium statistical mechanics. The Prigogine prize (EUR 2000) will be awarded for the best Ph.D. thesis defended within the last two years. Main organizers: Václav Klika & Michal Pavelka

The conference will be held in the hybrid format (partly in-person, partly online), see the webpage jetc2021.eu

From: Michal Pavelka <organizers@jetc2021.eu>

ACADEMIC JOBS

2 tenure track faculty positions at the Northeastern University Department of Chemical Engineering, USA

Broadly speaking, they are in the areas of:

-computation and/or ML/AI for improved chem/bio processing or manufacturing.

<https://careers.hrm.northeastern.edu/en-us/job/504176/>

-computational mechano/biology, including cell-material & cell-cell interactions

<https://careers.hrm.northeastern.edu/en-us/job/504200/>

While the priority deadline is 12/15, the positions will remain open until filled.

From: Sara Hashmi <s.hashmi@northeastern.edu>

Two Canada Research Chairs in Computational Neuroscience,
University of Calgary, Canada

Applications are invited from emerging leaders in the area of Complex Neural System Modelling, for a Tier II Canada Research Chair position in the Department of Physics & Astronomy at the University of Calgary.

The successful candidate will be appointed at the rank of Assistant Professor

(tenure-track). <https://careers.ucalgary.ca/jobs/5915163-canada-research-chair-tier-ii-in-complex-neural-system-modelling-department-of-physics-and-astronomy>

Deadline: February 15, 2021.

The Department of Psychology in the Faculty of Arts at the University of Calgary invites applications for a Natural Sciences and Engineering Research Council (NSERC) Canada Research Chair (CRC) Tier II in Computational Behavioural Neuroscience. The successful candidate will be appointed at the rank of Assistant Professor (Tenure-track) in the Department of Psychology.

<https://careers.ucalgary.ca/jobs/5915457-canada-research-chair-tier-ii-in-computational-behavioural-neuroscience-department-of-psychology>

Deadline: January 27, 2021

From: Joern Davidsen <jdavidse@ucalgary.ca>

POST-DOC POSITIONS

Post-doctoral position on "Penetrative convection: experiments on a rotating table" at Laboratoire de Physique - ENS de Lyon and Laboratoire de Géologie de Lyon, France

Advisors Thierry Alboussière and Stéphane Labrosse (LGL) and Philippe Odier (LPENSL). Starting September 2021

<https://lio.universite-lyon.fr/recrutements/postdoctoral-position-penetrative-convection-experiments-on-a-rotating-table--198289.kjsp?RH=1518096122489>

From: Philippe Odier <philippe.odier@ens-lyon.fr>

MISCELLANEOUS

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