
Soft Matter Out of Equilibrium: from driven to active systems
May 18 - 25, 2019 at Kavli ITS, UCAS, Beijing (China)

Out of equilibrium soft matter is a rapidly growing field of multidisciplinary research with problems ranging from active matter, growth processes in biology, self assembly and pattern formation to fluctuating hydrodynamics, and nonequilibrium effects on Casimir physics. This workshop intends to develop a synergistic approach to tie together various contemporary problems studied at the crossroads of soft matter and nonequilibrium statistical physics.

<http://kits.ucas.ac.cn/index.php/events/workshop/165-2019-workshop-smoe>

From Rudi Podgornik <podgornik@mac.com>

Octoberschool on the Physics of Life in downtown Munich
October 7-11, 2019 at the Arnold Sommerfeld Center for Theoretical Physics at the LMU in Munich.

This school is primarily aimed at PhD and MSc level students in the fields of biological physics, statistical mechanics, and soft-matter. We offer an assortment of interactive blackboard lectures and seminar style talks by internationally renowned scientists. The lectures and seminars will cover various topics central to the Physics of Life: Population genetics, morphogenesis, collective non-equilibrium dynamics, active matter, pattern formation, optimization principles in biophysics and evolution, and more. There will also be a poster session where students can present and discuss their work.

For more information, check out www.physik.lmu.de/POL and sign up!

From: Chase Broedersz <c.broedersz@lmu.de>

Fall Trimester on “The Mathematics of Climate and the Environment,”
at the Institut Henri Poincaré (IHP) Paris, Sept. 9–Dec. 13, 2019

This thematic trimester will cover in depth the broad range of topics at the intersection of mathematics and the climate sciences. It will have one overall introductory course of one week (in Cargèse, Corsica), four main courses of 2-3 weeks each, three main workshops of one week each, and three mini-workshops of 2-3 days each. The three main workshops will be held during the week immediately following the corresponding course.

See <http://www.ihp.fr/en/CEB/T3-2019>

A limited amount of support is available for the strongest candidates.

Registration is either for the entire trimester or for individual workshops, at <http://www.ihp.fr/en/program/29804/colloques/register>

The deadline for financial support applications is March 31st, 2019.

M. Ghil, H. Le Treut, M. D. Chekroun, A-L Dalibard, P. Klein, V. Lucarini, S. Speich

From: Valerio Lucarini <v.lucarini@reading.ac.uk>

Tenure-track position: Theoretical and Computational Neurophysics, University of Calgary, Canada

The Department of Physics and Astronomy at the University of Calgary seeks outstanding candidates for a tenure-track position at the rank of Assistant Professor, in the area of theoretical and computational neurophysics. The successful candidate is expected to establish an independent research program related to the fundamentals of brain and neural dynamics at the intersection of physics and neuroscience. Theoretical, computational and data-driven areas of interest in modeling neural systems include neural dynamics, plasticity, information propagation, and network neuroscience. Deadline: May 31, 2019

Link: <https://careers.ucalgary.ca/jobs/3670741-assistant-professor-theoretical-and-computational-neurophysics-department-of-physics-and-astronomy>

From: Joern Davidsen <joern.davidsen@ucalgary.ca>

Postdoc positions in theoretical evolution at the Max Planck Institute for Maths in the Sciences, Leipzig, Germany

Our group studies theoretical aspects of evolutionary dynamics from a range of complementary perspectives, including physics-inspired scaling theories, genetic algorithms and their design, and multiplicative stochastic processes. The ideal candidates will have a strong background in quantitative biology, statistical or condensed-matter physics, or evolutionary computing, and will bring expertise relevant to the problem of evolutionary predictability: what certain evolutionary outcomes more likely than others, and how can we use data to predict these outcomes? The positions will remain open until filled.

Link to apply: <https://academicjobsonline.org/ajo/jobs/13413>

From: Matteo Smerlak <smerlak@mis.mpg.de>
