

2019 WEHIA PhD School

The 2019 WEHIA conference will be preceded by a two-days PhD School, which will be held at UCL on June 21-22. The School is aimed at PhD students and young researchers. The theme of the 2019 School will be data-driven approaches to economic analysis, with focus on technology-related emerging risks, urban economics, and experimental economics. Lecturers: Elsa Arcaute (UCL), Eva Camacho Cuenca (Universitat Jaume I), Jon Danielsson (LSE), Doyne Farmer (Oxford). Organising Committee: F. Caccioli, T. Di Matteo, G. Iori, S. Jafarey, G. Livan, S. Righi. Webpage: <https://sites.google.com/view/2019wehiaschool/home>
For any questions or clarifications, please write at statistical.validation@gmail.com

From: Rosario Nunzio Mantegna <rn.mantegna@gmail.com>

2 Postdoc openings | Theory of Biological Systems | Embl-Australia @ UNSW, Sydney

Seeking talented and fun people to fill two postdoctoral vacancies in the fledgling 'Theory of Biological Systems' lab of Richard Morris, an EMBL-Australia group leader based in UNSW, Sydney. Candidates should have prior expertise in either statistical mechanics/stochastic processes, or theoretical soft-condensed matter physics (to be interpreted liberally, encompassing both analytical and computational work). Positions are for an initial 1 year, with the possibility of extension up to a maximum of 4 (!) years. Contact r.g.morris@unsw.edu.au or apply here.

Deadline is midnight (Sydney time!) 30th April 2019.

Successful candidates are notionally expected to be in place by the start of 2020.

From: Richard Morris <richardgmmorris@gmail.com>

IX Summer School on Statistical Physics of Complex Systems, in Santander, Spain, on September 2-13, 2019

The school, oriented to Master, PhD students, and young postdocs worldwide will take place at Instituto de Física de Cantabria (IFCA) and will include six courses: Statistical Mechanics of Topological Defects, by C. Miguel; Critical transport dynamics in fusion plasmas, by R. Sánchez; Tipping points in dynamical systems and applications, by U. Feudel; Simulating percolation and granular media, by HJ. Herrmann; Complex Networks: Structure, Dynamics and their interrelation, by E. Estrada; Synchronization in populations of oscillators, by E. Montrió. The number of participants is limited. Early Applications, namely those received by April 24, 2019 will be given preference and a discount on the registration fee. <http://gefeno1-school2019.unican.es>

From: Juan M Lopez <lopez@ifca.unican.es>

New Trends in Nonequilibrium Stochastic Multistable Systems and Memristors,

18-21 October 2019, Ettore Majorana Foundation and Centre for Scientific Culture, Erice, Italy,

The Conference, while focusing on memristors, fits the general context of complex systems, metastability, and the constructive role of noise in nonlinear systems. The Conference indeed brings together leading experts and research groups, working on the development of memristors as building blocks for quantum and neuromorphic computing, but it is also addressed to scientists interested in the challenging problems connected with the dynamics of nonequilibrium multistable systems and memristor devices, from both theoretical and experimental point of view. The Conference will be a discussion forum to promote new ideas in this promising research field, concerning stochastic nonlinear models, phase transitions phenomena in memristive devices, the control of memory lifetime, and memcomputing. <https://nes2019.sciencesconf.org/>

From: Bernardo Spagnolo <bernardo.spagnolo@unipa.it>

Two postdoc positions in New York City

Two postdoc positions are immediately available for 3 years in NY City to work on deep learning and biological networks. This is a collaboration between the labs of Hernan Makse and Lucas Parra at CCNY with Memorial Sloan Kettering Cancer Center in a newly formed MSK-CCNY Partnership for AI. The goal is to build an integrative model of biological networks to detect and cure cancers of the breast and brain. Email hmakse@ccny.cuny.edu and parra@ccny.cuny.edu. See kcorelab.org for details.

From: Hernan Makse <hmakse@ccny.cuny.edu>

**7th Soft Matter Summer School on "Soft Matter and Slow Relaxation Dynamics"
June 24 – 28, 2019 at UNIST, Ulsan, Korea**

The overall aim of the schools since 2013 is to offer the participants, mostly advanced graduate students and post-docs, an up-to-date view of contemporary research that links soft matter and biological physics. The foci of the "2019 Soft Matter Summer School: Soft Matter and Slow Relaxation Dynamics" include: (1) Frustrated and disordered systems; (2) Glassy materials and Supercooled liquid; (3) Granular materials; (4) Viscoelastic responses; (5) Aging dynamics of colloidal systems; (6) Membranes; (7) Ultra-slow relaxations in biological processes (cancer, evolution, immune adaptation, neurodegenerative diseases, memory formation, ...)
More detail at <https://indico.ibs.re.kr/event/289/>

From: Hyuk Kyu Pak <hyuk.k.pak@gmail.com>

Alchemical Free Energy Workshop, May 27-28 in Göttingen, Germany

Over the two days, the event will gather free energy calculation practitioners and method developers, both from academia and industry. Please review the lineup of excellent speakers.

Workshop website http://pmx.mpibpc.mpg.de/workshop_alchemistry2019/index.html

Deadline for registration Sunday, April 14 at the latest:

<https://www.eventbrite.co.uk/e/alchemical-free-energy-workshop-2019-registration-53640379820?aff=ehomecard>

The organizing team is looking forward to welcoming you all to the centre of Germany!

M. Aldeghi, V. Gapsys, P. Kellers, B. L. de Groot, Max Planck Institute for Biophysical Chemistry, Göttingen, Germany & J. D. Chodera, Memorial Sloan Kettering Cancer Center, New York, USA

From: "Kellers, Petra" <petra.kellers@mpibpc.mpg.de>
