

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

CONFERENCES

**MECO 45: Conferences of the Middle European Cooperation in Statistical Physics
6th - 8th May, 2020 - Cluj-Napoca, Romania**

The MECO conferences have become the yearly itinerant reference meetings for the community of scientists who are active in the field of Statistical Physics in the broader sense, including modern interdisciplinary applications to biology, finance, information theory, and quantum computation. Contributions from all fields of statistical physics are expected. <http://atom.ubbcluj.ro/meco45/>

From: Zoltan Neda <zneda@phys.ubbcluj.ro>

**ICTP-SAIFR School on Applications of Nonlinear Systems to Socio-Economic Complexity
April 14-18, 2020, Instituto de Física Teórica, Sao Paulo State University (UNESP)
Brazil**

Complex socio-economic phenomena can be studied through complexity concepts, mathematical modelling and simulations. The school aims to provide interdisciplinary training to PhD students and postdoctoral researchers. Lectures will cover theoretical and computational aspects. The school will be followed by a 4-day workshop. Organizers: P. Balenzuela (Argentina), C. Masoller (Spain), H. Cerdeira (Brazil) <https://www.ictp-saifr.org/school-on-applications-of-nonlinear-systems-to-socio-economic-complexity/>

From: Cristina Masoller <cristina.masoller@upc.edu>

ACADEMIC JOBS

Faculty position in Complex Systems, Toronto, Canada

The Department of Physics at Ryerson University in Toronto, Canada is hiring an Assistant Professor in Complexity Physics. Full details are available here: <https://jobs.physicstoday.org/jobs/13053903/tenure-track-position-in-complex-systems>
Deadline: January 20, 2020.

From: Eric DeGiuli <eric.degiuli@gmail.com>

POST-DOC POSITIONS

Post-doc positions "networks and complex systems" at Northwestern, Evanston, USA

The lab of Professor István Kovács in the Department of Physics and Astronomy at Northwestern University is looking for postdoctoral associates in the areas of complex systems, statistical physics, network science, systems biology and heterogeneous quantum systems. We are seeking motivated individuals with a strong quantitative

background with a PhD in physics, mathematics, computer science, bioinformatics or a related field. The ideal candidate has experience in at least one of the following fields: renormalization group techniques, Monte Carlo methods, information theory, the theory of disordered systems, systems biology, neural networks or graph theory. More details at: <https://netscisociety.net/jobs/940cbab8-d175-4e02-bf17-e35c3e17041a>

From: Istvan Kovacs <istvan.kovacs@northwestern.edu>

**Few post-doctoral positions, Institute of Physical Chemistry (www.ichf.edu.pl),
Warsaw, Poland**

The scholarships, from 6 to 30 months long, will be awarded to the best candidates, irrespectively to the field of physical chemistry they represent. Offered salaries (after all taxations) range from 2,250 to 2,370 EUR/ month plus a research grant EUR 1,400/ month. I am interested in an independent person with potential proven by publications, who can do experiments on far-from-equilibrium systems, especially on Belousov-Zhabotinsky reaction in compartmented medium like beads or droplets.

From: Jerzy Gorecki > jgorecki@ichf.edu.pl

**Postdoctoral position in modeling chemotactic and phoretic active matter,
University of Amsterdam, Netherlands.**

Applications: <https://iop.uva.nl/shared/uva/en/vacancies/2019/11/19-789-theoretical-postdoctoral-position-in-chemotactic-and-phoretic-active-matter.html?origin=2diawi1xTyuMn3MyWKcHow>

From: Sara Jabbari Farouji <s.jabbarifarouji@uva.nl>

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