

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

ACADEMIC JOBS

Research Group Leader Opening at MPIPKS in Condensed Matter Theory

The Division of Condensed Matter Theory of the Max Planck Institute for the Physics of Complex Systems (<http://www.pks.mpg.de>) seeks candidates for the position of a *Research Group Leader*, see advert <https://www.pks.mpg.de/~moessner/RGL21.pdf>.

Candidates should have a strong postdoctoral research track record and are expected to build and lead a group to pursue a high-quality research programme. Remuneration is competitive (TVöD 15) and generous funds are available for hiring post-docs and PhD students.

From: Roderich Moessner <moessner@pks.mpg.de>

POST-DOC POSITIONS

Postdoc position "Social network data analysis and modelling", at the Department of Network and Data Science (DNDS) at Central European University Vienna, Austria

DNDS is hiring a postdoctoral research fellow for the European project 'Socially Explainable Artificial Intelligence' (SAI), carried out by an international consortium. The aim of the project is to investigate and develop distributed AI solutions for social systems. The special task at CEU DNDS is to explore and model networks within human - AI ecosystems, their structure and dynamics, including issues of distributed information sharing, problems of trust, and emergent phenomena such as polarization and echo chambers or the spreading of fake news. The project is planned to be carried out in close collaboration with partners, esp. in Italy and Estonia. Faculty members involved are G. Iñiguez, M. Karsai and J. Kertész. The candidate is expected to have a PhD in physics, computer science, network science or computational social science and have experience with data driven research on social networks and with some applied machine learning. Deadline of applications: April 20. Start date: As soon as possible. Please send applications with a CV, motivation letter and names of two reviewers to CEU DNDS coordinator Olga Peredi (PerediO@ceu.edu).

From: Janos Kertesz <KerteszJ@ceu.edu>

An offer for postdocs or persons with 4 years of full-time equivalent research experience: PASIFIC Fellowship Programme, Poland <https://pasific.pan.pl/>

To apply for the PASIFIC Fellowship, you have to meet the two eligibility criteria:
-At the deadline of the call, you must be in possession of at least a doctoral degree or 4 years of full-time equivalent research experience. This means you should hold a degree entitling you to embark on a doctoral programme and have at least four years of documented research experience.

-You must comply with the MSCA mobility rule. This means you must have not have been a resident of Poland or carried out your main activities (including work or studies) in Poland for more than one year out of the three years prior to the call's deadline. For 2 years, the fellows will be hosted at one of the institutes within the Polish Academy of Sciences (PAS), which is one of the most prestigious research institutions in Poland. They will have the freedom to choose their research area, research supervisor, host institute as well as secondment organisations best suited for their research and career development. The PASIFIC Fellows will be offered a monthly allowance of approx. €2,500 net. Those, who decide to come to Poland together with their families, may be entitled to an additional family allowance. In addition, they will be granted a research budget of up to €93,000 per project.

From: Anna Ochab-Marcinek <anna.ochab.marcinek@gmail.com>

**Postdoctoral fellowship funded by the Simons Collaboration
"Cracking The Glass Problem", Montpellier, France and, Cambridge, UK**

Postdoctoral fellowship supervised by Ludovic Berthier to work on the statistical mechanics of dense active matter to elucidate the dynamical properties and phase transitions in these systems. Send a CV, a motivation letter and two recommendation letters. Deadline for applications is April 15, 2021.

From: Ludovic Berthier <ludovic.berthier@umontpellier.fr>

MISCELLANEOUS

Search for material on 1st StatPhys conference

The first international conference on Statistical Mechanics was hold in Florence (Italy) from 17 to 20 May 1949. If you have or if you know any material concerning this congress (material not included in the proceedings published in "Supplemento al Nuovo Cimento") you are kindly invited to contact Paolo.Politi@cnr.it.

From: Paolo Politi <Paolo.Politi@cnr.it>

**Special issue in the journal 'Frontiers in Physics' on the theme of
'The Paradigm of complexity and the real data of socio-economy'.**

The special issue is edited by R. Jafari; Marcel Ausloos; David Saakian and Emmanuel Haven.

<https://www.frontiersin.org/research-topics/18893/the-paradigm-of-complexity-and-the-real-data-of-socio-economy?>

From: Emmanuel Haven <ehaven@mun.ca>

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