

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

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## CONFERENCES

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### **Summer course in "Econophysics and Computational Finance"**

The University of Palermo organizes a post-graduate specialization course in "Econophysics and Computational Finance". The 200-hour course includes 40 hours of lessons, 40 hours of tutorials and 120 hours of individual study. The course will be held in the months of July and August 2021 with lessons and tutorials scheduled from July 19th to July 31st. Admission to the Course will take place following application and evaluation by an Examining Commission, the deadline for the application for admission is Monday 1 March 2021. Required qualification: Master degree or higher.

<https://sites.google.com/view/econophysics/home>

From: Rosario Nunzio Mantegna <[rn.mantegna@gmail.com](mailto:rn.mantegna@gmail.com)>

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### **Open Quantum Dynamics and Thermodynamics international Workshop**

The workshop originally planned for March 30-April 3, 2020 will be held as a PCS Video Conference March 22-March 26, 2021.

Registration deadline: February 22th 2021. For further information see [https://pcs.ibs.re.kr/PCS\\_Workshops/PCS\\_OpeQ.html](https://pcs.ibs.re.kr/PCS_Workshops/PCS_OpeQ.html)

From: Peter Talkner <[peter.talkner@physik.uni-augsburg.de](mailto:peter.talkner@physik.uni-augsburg.de)>

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## ACADEMIC JOBS

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### **Lectureship in Disordered Systems in the Department of Mathematics at Kings's College London, UK**

Applications are invited for a Lectureship in Disordered Systems in the Department of Mathematics at King's College London. Candidates are expected to have a PhD in Mathematics, Theoretical Physics or related areas, and research expertise in some area of Complex and Disordered Systems (understood in a broad sense). For example, but not exclusively, in statistical and quantum mechanics of systems with disorder, nonequilibrium dynamics, soft matter and glassy materials, econophysics, statistical inference and machine learning. Within the Department the Disordered Systems group is responsible for an interdisciplinary MSc programme in Complex Systems Modelling. The successful candidate will be expected to contribute to the research activity of the Department, take part in teaching and examining for the Department's undergraduate and postgraduate teaching programmes, make a contribution to the academic organisation of the Department, and have demonstrable ability to attract research funding.

<https://jobs.kcl.ac.uk/gb/en/job/014704/Lecturer-in-Disordered-Systems>

From: Reimer Kuehn <[reimer.kuehn@kcl.ac.uk](mailto:reimer.kuehn@kcl.ac.uk)>

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**POST-DOC POSITIONS**  
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**ERC funded Post-doc in Soft and Active Matter (theory and/or experiment)  
at TU Munich, Germany, fall 2021**

Within the newly acquired ERC Starting Grant “FlowMem” we aim to identify the physical principles of how flow networks can retain memories. We are looking for a Post-doc (m/f/d) to join the team of Prof. Karen Alim at TUM in Munich. See: [https://portal.mytum.de/jobs/wissenschaftler/NewsArticle\\_20210129\\_111426](https://portal.mytum.de/jobs/wissenschaftler/NewsArticle_20210129_111426)

From: Karen Alim <[k.alim@tum.de](mailto:k.alim@tum.de)>

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**Experimental postdoctoral position available in the Miskin group  
at University of Pennsylvania, USA**

The successful candidate will design and build new power and communication systems for microrobots. Candidate will carry out extensive nanofabrication within the state-of-the-art Singh Center for Nanotechnology. Experience with nanofabrication is highly valued, but any exceptional candidate with a strong experimental background will be considered. Interested candidates should send a short e-mail and CV to [m.miskin@seas.upenn.edu](mailto:m.miskin@seas.upenn.edu).

From: Marc Miskin <[m.miskin@gmail.com](mailto:m.miskin@gmail.com)>

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**Post Doctoral Research Associate in Active Matter  
at University of Edinburgh, UK**

We are looking for a post-doctoral research associate to carry out research in the field of theoretical active matter. The successful applicant will use analytical and numerical techniques to study collective motion in dilute suspensions of self-propelled particles in the presence of hydrodynamic interactions. For further details please visit: [tinyurl.com/2z995cbk](http://tinyurl.com/2z995cbk). The University of Edinburgh is a charitable body, registered in Scotland, with registration number SC005336.

From: Alexander Morozov <[Alexander.Morozov@ed.ac.uk](mailto:Alexander.Morozov@ed.ac.uk)>

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**MISCELLANEOUS**  
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