

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

---

## CONFERENCES

---

### **CCP2021: 32nd IUPAP Conference on Computational Physics, Coventry/online, August 1-5**

CCP is the leading event in computational physics held annually alternating between Europe, the Americas, and Asia & Oceania. It covers a wide range of areas including statistical mechanics and complex systems, soft matter, biophysics, materials & nano-science fluid dynamics, quantum many-body physics, quantum computing, lattice field theory, astrophysics, gravitation, cosmology, novel hardware & software, computational physics education, machine learning & algorithms, and geophysics & porous media. Previous meetings include Hong Kong (2019), Davis (2018), Paris (2017), Pretoria (2016), Guhawati (2015), Boston (2014) and Moscow (2013). Deadline for contributions is May 15. <https://ccp2021.complexity-coventry.org/>

From: Martin Weigel <[martin.weigel@gmail.com](mailto:martin.weigel@gmail.com)>

---

## POST-DOC POSITIONS

---

### **Postdoc positions 3D experiments on the collective behaviour of biological systems, at the Institute for Complex Systems of the CNR in Rome, Italy.**

We are looking for postdoctoral fellows interested in performing experimental research at the interface between physics and biology. The aim of our group is to study the collective phenomena of life through a close interplay between experimental data on biological groups in their natural environment and statistical physics methods. The candidates will conduct experimental data-taking campaigns in the field, on bird flocks and insect swarms. A strong emphasis will be put on the comparison between theory and experiments. The postdocs will join the COBBS Group in Rome (Collective Behaviour in Biological Systems), and work under the supervision of A. Cavagna and S. Melillo. The duration of the positions is two years, potentially extendable. The positions will be funded by the ERC Advanced Grant RG.BIO to Andrea Cavagna. [www.cobbs.it](http://www.cobbs.it) and [erc-rgbio.eu](http://erc-rgbio.eu). Applications should be sent to [stefania.melillo@cnr.it](mailto:stefania.melillo@cnr.it) with a cv and the contact details of senior scientists who can provide recommendation letters (only upon our request). Although there is no sharp deadline for these positions, earlier applications will be given higher priority.

From: Andrea Cavagna <[andrea.cavagna@roma1.infn.it](mailto:andrea.cavagna@roma1.infn.it)>

---

### **3 years Postdoctoral Research Associate in Statistical Mechanics, Centre for Computational Physics at the University of Lincoln, UK**

The post on the Leverhulme Trust funded project titled "Assessing ergodicity in physical systems and beyond" is hosted in the group of F. Paillusson ([FPaillusson@lincoln.ac.uk](mailto:FPaillusson@lincoln.ac.uk)).

Application deadline: 8th May 2021  
<https://jobs.lincoln.ac.uk/vacancy.aspx?ref=COS823>

From: Andrei Zvelindovsky <[AZvelindovsky@lincoln.ac.uk](mailto:AZvelindovsky@lincoln.ac.uk)>

-----  
**Postdoc position "Physics of active matter" at Universidad de Chile**

Postdoc positions available at the group "Millennium Nucleus Physics of Active Matter" at the Physics department of the University of Chile (Santiago). The applicants should have a strong training in physics or disciplines related to the project with skills in theoretical, numerical and/or experimental research.

More information can be found in <http://activematter.dfi.uchile.cl/2984/>  
Contact: Prof. Francisca Guzmán-Lastra, [francisca.guzman@umayor.cl](mailto:francisca.guzman@umayor.cl)

From: Rodrigo Soto <[rsoto@dfi.uchile.cl](mailto:rsoto@dfi.uchile.cl)>

-----  
**MISCELLANEOUS**

-----  
Updating your email address

If you want to update your address to receive messages for this mailing list, please visit <https://listes.ens-lyon.fr/sympa/signoff/info.statphys> to unsubscribe from the old address and visit <https://listes.ens-lyon.fr/sympa/subscribe/info.statphys> to subscribe to the new one.

-----  
Rules and archives see <http://perso.ens-lyon.fr/thierry.dauxois/NewsletterStatphys.html>  
-----