

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

CONFERENCES

The virtual conference Physics of emergent behaviour III: from origin of life to multicellularity, 1 & 2 July 2021

Time and schedule TBA later, supported by Imperial College's Physics of Life Network of Excellence and the Institute of Physics (IOP) Biological Physics Group. Attendance is free but registration is required by 20th June and you must register using an academic or professional email address and institution. Once your registration has been approved, you will be sent a Microsoft Teams invite a few days before the event. <http://www.bioinformatics.ic.ac.uk/pols/>
Organisers: R. Endres, C. Fan Lee, H. de Maleprade, and S. Imari Walker

From: "Lee, Chiu Fan" <c.lee@imperial.ac.uk>

POST-DOC POSITIONS

Postdoctoral position in solid state physics at ISCR-France: Theory - Perovskites

A postdoctoral research associate position is available in the department of theoretical inorganic chemistry at Institut des Sciences Chimiques de Rennes for a talented and ambitious researcher. The position is funded through the H2020 FETOPEN under the POLLOC proposal on polariton logic and mainly deals with the physics of excitons as well as electron-phonon interactions, in relation with experimental work performed at ETH and IBM Zürich. More at <https://emploi.cnrs.fr/> (job portal mandatory for any application) and [psi-k https://psi-k.net/jobs/postdoctoral-position-fr-simulation-of-excitons/](https://psi-k.net/jobs/postdoctoral-position-fr-simulation-of-excitons/)

From: Claudine Katan <claudine.katan@univ-rennes1.fr>

2.5 year postdoctoral position in theoretical nonequilibrium physics at YITP, Kyoto University, Japan

We are seeking a postdoctoral fellow supported by Grant-in-Aid for Scientific Research (B) "Theoretical Study on Nonequilibrium Phenomena in Driven Dissipative Systems" (Deadline: June 14, 2021) at Yukawa Institute for Theoretical Physics, Kyoto University, Japan. Hired PD will research the above research topics in cooperation with Hayakawa (Principal Investigator), Otsuki (Osaka University), Saitoh (Kyoto Sangyo University), and Takada (Tokyo University of Agriculture and Technology). Salary is 300,000JPY/month. See the details at <https://www.yukawa.kyoto-u.ac.jp/news/n348?lang=en-GB> .

From: Hisao Hayakawa <hisao@yukawa.kyoto-u.ac.jp>

**2 years postdoc fellowship on "Inference of protein models",
Dept of Physics and Astronomy, Padua, Italy**

The statistical mechanics group in Padua seeks applications for a postdoctoral fellowship starting in Fall 2021. The project focuses on inference and machine learning for optimizing models of polypeptides and proteins. Interested candidates may contact Marco.Baiesi@unipd.it) and Enzo.Orlandini@unipd.it.

From: Marco Baiesi <marco.baiesi@unipd.it>

2 year Postdoc position on stochastic inference in Marseille, France

A two-year postdoctoral position is available in my soft biophysics theory group at the Turing Centre for Living Systems (Centuri), in Marseille, France. The goal is to develop and apply techniques to infer stochastic dynamical equations from experimental data of biological and soft matter systems, from colloids and intracellular filaments to cells and flocks of birds. Possible directions include the development of inference methods for non-Markovian systems, as well as the application of existing techniques for overdamped and underdamped Langevin systems on experimental data. A strong theoretical background in statistical physics and soft matter is required. To apply, please send a CV and brief statement of motivation to pierre.roncera@univ-amu.fr. Applications will be reviewed until the position is filled.

From: RONCERAY Pierre <pierre.RONCERAY@univ-amu.fr>

MISCELLANEOUS

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