

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

CONFERENCES

Longueur Max

theory. The deadline for the application is May 15, 2020. Further information and

**Virtual CECAM meeting on "Recent advances on the Glass Problem",
January 06 - 08, 2021 on zoom.**

Three online sessions (one per day) followed by in-depth, interactive discussions on each topic.

- 1) Thermally activated dynamics (V. Ros, G. Szamel, C. Scalliet, P. Royall)
- 2) Exploration and characterization of the potential energy landscape (Y. Nishikawa, P. Morse, V. Hagh, P. Sollich)
- 3) Machine learning glasses (V. Pabst, L. Filion, S. Ridout, D. Coslovich)

The workshop is free and open to all but registration is mandatory at:

<https://www.cecarn.org/workshop-details/1019>

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

ACADEMIC JOBS

Assistant Professor at Bocconi University Milan, Italy

We are in the process of creating a new department and a new research institute at Bocconi University in Milan, in the fields of computing and mathematical sciences. Scope of this initiative is to bring together researchers with different backgrounds (computer science, applied math, theoretical physics, theoretical neuroscience and more). We are starting the process by opening several Assistant Professor positions among which one is in Theoretical Statistical Physics. Application deadline is 15 December 2020.

More information: <http://www.unibocconi.eu/jobmarket>

From: Riccardo Zecchina <riccardo.zecchina@gmail.com>

**Tenure Track position in BioPhysics, The Faculty of Natural Sciences
and the Center for Theoretical Physics and Astrophysics at the University
of Haifa, Israel**

Position at the senior lecturer level (equivalent to the rank of assistant professor) in theoretical or experimental biophysics, to begin in October 2021. Exceptional senior candidates will be considered for appointment at higher ranks. The applicant should have a Ph.D in physics or biophysics, have a strong track record of research activity, and is expected to develop an internationally-recognized research group, advise graduate and postgraduate students, and attract external funding. The newly recruited faculty is expected to teach at the

undergraduate and graduate levels, with special emphasis on courses on biophysics. Applicants should submit a CV, a list of publications, research and teaching statements, and arrange for 3 letters of recommendations to be sent to the head of the search committee, Deadline of application is January 15, 2021.

From: Gilad Lifschytz <giladl@research.haifa.ac.il>

POST-DOC POSITIONS

Postdoc Position in “Theory of Glassy Dynamics ” at ENS Paris, France

Applications are invited to fill one postdoctoral fellowship on “Theory of Glassy Dynamics”, possibly starting in the Fall 2021 (or earlier). The successful candidate will work with G. Biroli, will be affiliated at the Physics Department of Ecole Normale Supérieure for two years and will be involved in all activities of the Simons Collaboration “Cracking the Glass Problem”.

Further information about the postdoctoral position is available on the website <https://scglass.uchicago.edu/postdoc-vacancy-on-theory-of-glassy-dynamics/>

From: Giulio Biroli <giulio.biroli@ipht.fr>

**Two-year post-doc on the *Theory of neural networks* with S. Goldt
International School of Advanced Studies (SISSA), Trieste, Italy**

Join us to combine statistical physics with numerical experiments to gain a foundational understanding of neural networks. How does the interplay between learning algorithm, architecture and data structure shape learning?

Deadline: 31.01.2021, starting date around 09/2021. Applicants are invited to reach out directly with their questions. The full job ad is available at <https://academicjobsonline.org/ajo/jobs/17696>.

From: Sebastian Goldt <goldt.sebastian@gmail.com>

One-year postdoc position at the University of Padova

The statistical mechanics group in Padova seeks applications for a one-year postdoctoral fellowship starting in Spring 2021.

The project consists in studying protein phase separation into disordered condensates within a statistical mechanics approach.

Net salary around 17500 € per year. Prior knowledge of theoretical and numerical methods in statistical biophysics is recommended.

Interested candidates should contact A. Trovato (antonio.trovato@unipd.it).

From: Antonio Trovato <antonio.trovato@unipd.it>

MISCELLANEOUS

Updating your email address

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