

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

CONFERENCES

**ICTP virtual school “The Hitchhiker's Guide to Condensed Matter and Statistical Physics: Machine Learning for Condensed Matter”,
13, 10, 27 January, 3 February 2021, Trieste, Italy**

This is the first in a series of events to be held during 2021 under the joint title “The Hitchhiker’s Guide to Condensed Matter and Statistical Physics” whose goal is to sketch a roadmap of current exciting research directions in the field. The first online school will be dedicated to Machine Learning and its intersections with Condensed Matter and Statistical Physics and will feature the lectures by G. Carleo, J. Carrasquilla, B. Cheng, and D. Schwab. The lectures will be held once a week over 4 weeks in January and February 2021 and will lead the students from basic notions to the open problems in each topic. Registration by November 30: <http://indico.ictp.it/event/9471/>

From: Asja Jelic <asja.jelic@gmail.com>

ACADEMIC JOBS

Faculty position in the areas of AI & ML applied to chemical engineering problems and processes, The Northeastern University, USA

The Northeastern University Department of Chemical Engineering seeks to fill an open-rank faculty position in the areas of AI & ML applied to chemical engineering problems and processes. The link to apply and with more information is <https://careers.hrm.northeastern.edu/en-us/job/504176/>

From: Sara Hashmi <s.hashmi@northeastern.edu>

POST-DOC POSITIONS

**Postdoc positions in statistical mechanics of materials,
Nomaten Center of Excellence, Warsaw, Poland**

These positions in S. Papanikolaou group, concern understanding complexity in the physics of materials. An additional dimension is machine learning, in developing such understanding, including the phase transitions and critical phenomena found in plasticity, fracture.... The project(s) may also have an interface with experiments. Further information may be found from <http://nomaten.ncbj.gov.pl/postdoc-positions>
Deadline for applications: Jan 17th, 2020.

Alava Mikko <mikko.alava@aalto.fi>

MISCELLANEOUS

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