

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

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## CONFERENCES

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Longueur Max

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

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### **NetCent 2020: Centrality in networks: structural and dynamical aspects Online, September 17, 2020**

This one-day satellite of the NetSci 2020 conference will feature a mix of invited and contributed talks on diverse aspects of centrality in networks.

Submission of contributed talks is open until July 5, 2020.

More information at: <https://www.isc.cnr.it/netcent/>

From: Claudio Castellano <[claudio.castellano@roma1.infn.it](mailto:claudio.castellano@roma1.infn.it)>

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### **ICTP Online conference: "Youth in High-dimensions: Machine Learning, High-dimensional Statistics and Inference for the New Generation", 29+30 june, 2+3 July,**

The aim of the conference is to give young researchers from academia and industry the opportunity to gather and present their results related to high-dimensional statistical problems, as arising in machine learning, inference or statistical physics. Inscription required before Friday 25th June included at this address: <http://indico.ictp.it/event/9409/>

From: Jean Barbier <[jbarbier@ictp.it](mailto:jbarbier@ictp.it)>

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## ACADEMIC JOBS

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### **Permanent position in 'High Performance Computing' at CNRS, Toulouse, France**

A CNRS permanent position in High Performance Computing is now opening in Toulouse.

Please do not hesitate to forward the details of the position

<http://www.lpt.ups-tlse.fr/spip.php?article1522>

to any suitable candidate. The deadline is July 2.

From: Nicolas Laflorie <[n.laflorie@gmail.com](mailto:n.laflorie@gmail.com)>

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## POST-DOC POSITIONS

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### **Postdoc in soft matter-biophysics at School of Physics, University of Chinese Academy of Sciences, Beijing, China**

Postdoc work in Physical virology (packing of RNA/DNA genomes, theory of recognition disorder and packaging signals), Physics of

DNA (theory of condensation in confined spaces, statistical physics of hairpins and loops) and Macromolecular interactions (electrostatics, van der Waals, solvent structure, fundamental theory as well as simulations), with ample freedom to pursue areas of personal scientific interest. Good programming in Comsol, Mathematica and Matlab skills. Initial 1 year appointment; renewable with mutual agreement. Start date is flexible.

[https://www.researchgate.net/profile/Rudolf\\_Podgornik](https://www.researchgate.net/profile/Rudolf_Podgornik)

From: Rudolf Podgornik <[podgornikrudolf@ucas.ac.cn](mailto:podgornikrudolf@ucas.ac.cn)>

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**Postdoc position on “Machine Learning Glasses”**

Applications are invited to fill one postdoctoral fellowship on “Machine Learning Glasses”, possibly starting in the Fall 2020. The fellowship is for two years and is funded by the Simons Collaboration “Cracking The Glass Problem”.

The postdoc will be supervised by Ludovic Berthier (Montpellier University, France and Cambridge, UK) and Giulio Biroli (ENS Paris, France), and will develop collaborations with Victor Bapst (DeepMind Google, London, UK).

<https://scglass.uchicago.edu/postdoc-vacancy-on-machine-learning-glasses/>

From: Ludovic Berthier <[ludovic.berthier@umontpellier.fr](mailto:ludovic.berthier@umontpellier.fr)>

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**Postdoc positions at TU Munich, Germany**

Three open postdoc positions within different projects:

<http://www.multiscale.systems/jobs.html>

Several of these positions have strong connections to statistical physics.

From: Christian Kuehn <[ckuehn@ma.tum.de](mailto:ckuehn@ma.tum.de)>

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**Postdoc positions in theoretical and computational biology at Columbia University, USA**

Research topics include understanding the microbiome, cancer metabolism, evolutionary systems biology and applications of systems biology to understand neurodevelopmental and psychiatric disorders. See more at <https://vitkuplab.c2b2.columbia.edu/>

We use lots of theoretical and computational tools so anyone with a quantitative background (e.g., math, physics, chemistry, bioinformatics, computer science) and interest in biology should apply. Apply directly to Dennis Vitkup ([dv2121@cumc.columbia.edu](mailto:dv2121@cumc.columbia.edu))

From: Martin Carballo Pacheco <[mc4880@cumc.columbia.edu](mailto:mc4880@cumc.columbia.edu)>

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**MISCELLANEOUS**

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**HoloTube, the first network of webinars on Applied Holography**

Every week, one online seminar by the best researchers in the field and directly from your couch. Follow the Calendar and participate in the webinars. And if you miss any, you can always watch it later recorded.

<https://projects.ift.uam-csic.es/holotube/>

with the option to subscribe to the corresponding mailing list  
also in the website there is the option to ask to be the next speaker and send  
an abstract <https://projects.ift.uam-csic.es/holotube/>

From: Noirez Laurence <[laurence.noirez@cea.fr](mailto:laurence.noirez@cea.fr)>

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Updating your email address

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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.

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Rules and archives see <https://listes.ens-lyon.fr/sympa/subscribe/info.statphys>  
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