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**Post-doc position In LEGI (Grenoble, France).**

We offer two postdoctoral positions: one in experimental fluids mechanics and the other concerning numerical simulations. Both concern the study of stratified turbulence forced by waves in the framework of the ERC funded project WATU on wave turbulence, supervised by Nicolas Mordant. Experiments will be conducted in particular in the Coriolis facility (large scale instrument, 13m in diameter). Numerical simulations will use a pseudo spectral code. The scientific goal is to study the interplay of waves and vortices in such turbulence. The positions can start asap and last up to end of september 2020.

See <http://nicolas.mordant.free.fr/watu.html> for more details and contact

From [Nicolas.Mordant@univ-grenoble-alpes.fr](mailto:Nicolas.Mordant@univ-grenoble-alpes.fr)

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**Postdoc position in Paris/Montréal**

a postdoc position at the interface between mathematical physics, partial differential equations and probability theory, jointly based in Paris and Montreal, starting date prior to October 2019.

More details <http://pillet.univ-tln.fr/data/pdf/postdocposition.pdf>

From: Claude-Alain Pillet <[pillet@univ-tln.fr](mailto:pillet@univ-tln.fr)>

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**Postdoctoral positions in biophysics of the cell nucleus**

Two postdoctoral and an engineer positions are available in the labs of Francisco Monroy ([monroy@ucm.e](mailto:monroy@ucm.e)) and Javier Redondo-Muñoz ([javredon@ucm.es](mailto:javredon@ucm.es)) to investigate the biophysical role of the chromatin and nuclear metabolism in the mechanical and thermodynamic properties of the cellular nucleus. We are looking for candidates with a solid background in experimental physics / biological physics / complex systems. Other appreciated qualities are instrumental skills with optical traps, microrheology and biophysical techniques (especially with optical microscopy platforms), development of quantitative analytical tools (image & signal processing, statistical & stochastic mechanics,...).

From: Saul Ares <[saul.ares@csic.es](mailto:saul.ares@csic.es)>

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**Postdoc in theoretical neuroscience available in Dr. Braden Brinkman's group in the Department of Neurobiology and Behavior at Stony Brook University, on Long Island in New York State.**

The Brinkman group uses techniques from statistical physics to study models of sensory coding and collective network dynamics in the brain, with a focus on how environmental and physiological constraints shape network architecture and computational capabilities. Position is available immediately, but we are also accepting applications from applicants expecting to graduate by June 1, 2019. Deadline for applications is Feb 24, 2019.

Please submit applications through Stony Brook's jobs portal here (job # 1803718):  
[https://stonybrook.taleo.net/careersection/post\\_docs/jobdetail.ftl?job=1803718](https://stonybrook.taleo.net/careersection/post_docs/jobdetail.ftl?job=1803718)

From: Braden Brinkman <braden.brinkman@stonybrook.edu>

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**Call for 3 years Post-doc with PhD defended between 1/1/2011 -31/12/2016 and 2 years postdoc outside Spain**

We look for an exceptional candidate for \*3\* years postdoc starting on \*September\* 2019 (approx) at University of Barcelona (in Statistical Physics of Complex Matter) with: 1) PhD obtained between 1/1/2011-31/12/2016; 2) 2 years of postdoctoral experience outside Spain; 3) less than 12 months of residence in Spain in the last 3 years. Gross \*salary\*: 44,100.00 €/year; Research \*allowance\*: 4,000.00 €/year. Contact Giancarlo Franzese at [gfranzese@ub.edu](mailto:gfranzese@ub.edu) \*before\* 16/2/2019.

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**Bifurcations and Instabilities in Fluid Mechanics, 16-19 July 2019, Limerick, Ireland**

The 8th Symposium "Bifurcations and Instabilities in Fluid Mechanics" will be held during 16-19 July, 2019 at the University of Limerick, Ireland. There is only a few days left to submit your abstract (experimental, computational, and/or analytical) before February 10th. Information on sessions, travel, keynote speakers, and social programme can be found on the website of the Symposium, <https://www.bifd2019.org>.

From: Adrian Daerr <[adrian.daerr@univ-paris-diderot.fr](mailto:adrian.daerr@univ-paris-diderot.fr)>

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**2019 Beg Rohu Summer School: Glasses, Jamming, and Slow Dynamics  
24th of June to the 6th of July 2019**

L. Berthier: Glass transition and amorphous solids  
A. Liu: The jamming transition and the marginally stable state  
E. Vanden-Eijnden: Stochastic dynamics, rare events and large deviations  
F. Zamponi: Theory of the glass and jamming transition in infinite dimensions  
<http://ipht.cea.fr/begrohu>  
The deadline for application is the 31st of March.

From: Giulio Biroli <[giulio.biroli@ipht.fr](mailto:giulio.biroli@ipht.fr)>

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**Workshop "Statistical Mechanics of Swarming Behaviour",  
3rd July to 5th July 2019, in La Plata, which is close to Buenos Aires.**

The workshop, satellite meeting to StatPhys 27, will consist of 25 talks and 40 Posters and we aim to provide an atmosphere for intensive discussions. Our list of invited speakers include: Avraham Be'er (IL), Andrea Cavagna (IT), Dante Chialvo (AR), Francesco Ginelli (GB), Cristina Marchetti (US), Nicholas Ouellette (US) and Roland Winkler (DE).

More information on [smsb.iflysib.unlp.edu.ar](http://smsb.iflysib.unlp.edu.ar)

From: Federica Rampf <[smsb19lp@gmail.com](mailto:smsb19lp@gmail.com)>

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**Workshop about evolution, March 29-April 3, Yerevan**

David B. Saakian, Eugene Koonin are the chairs of conference "Evolving life: the evolution with tradeoffs, frustration in selection and growing complexity. " , Yerevan, March-29-April 3 2019.

We collect strong experts in evolution biology together with experts in stochastic thermodynamics, cond. matter physics, to understand the origin of complexity growth during the evolution.

<http://www.yerphi.am/?id=9&name=Evolving%20life:%20the%20evolution%20with%20tradeoffs,%20frustration%20in%20selection%20and%20growing%20complexity&db=conference&lang=en>

From: saakian <[saakian@mail.yerphi.am](mailto:saakian@mail.yerphi.am)>

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**Cécile DeWitt-Morette / Ecole de Physique des Houches » prize of**

The « Cécile DeWitt-Morette/Ecole de Physique des Houches » prize of the French Académie des sciences is created in 2019 to honor the memory of Mrs Cécile DeWitt-Morette, the founder of the Physics School located in the les Houches village in the French Alps.

The School partners represented by CNRS, CEA, Grenoble-Alpes University, Grenoble INP and the ENS de Lyon have created this annual international prize of 15 000€.

Deadline for submitting application files: March 5, 2019.

From: Philippe Peyla <[philippe.peyla@univ-grenoble-alpes.fr](mailto:philippe.peyla@univ-grenoble-alpes.fr)>

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**Postdoc position (in stochastic multiscale modeling) at the University of California, Merced in Professor Changho Kim's research group.**

The postdoctoral scholar will perform research in stochastic multiscale modeling of multiphysics problems at small scales. For processes occurring in molecular systems (e.g. mass/momentum/heat/charge transport and reactions), the researcher will derive and analyze stochastic formulations, and develop and implement numerical methods. PhD in the fields of computational science and engineering is required with experience in molecular dynamics simulations as well as a sound understanding of continuum descriptions (i.e. PDE descriptions) and/or stochastic mesoscopic descriptions.

Interested candidates should contact Changho Kim at [ckim103@ucmerced.edu](mailto:ckim103@ucmerced.edu) and/or apply at <https://aprecruit.ucmerced.edu/JPF00748>

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**DOOCN-XII: Network Representation Learning**

The satellite meeting (more info: [doocn.org](http://doocn.org)) will take place within the upcoming International Conference NetSci2019 (<http://www.netsci2019.net/>), May 27-31, 2019 in Burlington, Vermont, USA. Confirmed Invited Speakers: Emilio Ferrara (University of Southern California, USA), Danai Koutra (University of Michigan, USA), Manos Papagelis (York University, Canada), Yuxiao Dong (Microsoft Research, Redmond, USA), William L. Hamilton (McGill University, Canada)

If you want to present your fresh work as poster on this topic at our workshop, please simply send your abstract to one of the organizers before 10.03.2019.

From: Fakhteh Ghanbarnejad <[fakhteh.ghanbarnejad@gmail.com](mailto:fakhteh.ghanbarnejad@gmail.com)>

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**Research Topic: "Fundamentals and Applications of AI: An Interdisciplinary Perspective"**

see <https://www.frontiersin.org/research-topics/9305>

In collaboration with the journal "Frontiers in Physics", we are bringing together a selected group of international experts to contribute to theory, methods and applications of Artificial Intelligence and Big Data Analytics from an interdisciplinary perspective, and in particular from a statistical physics perspective. The submission deadline for Papers is 15 May 2019.

From: Víctor M. Eguíluz <[victor@ifisc.uib-csic.es](mailto:victor@ifisc.uib-csic.es)>