Positions

For various other job postings visit academickeys.com

A post-doc position in probability (Mean-Field descriptions or thermodynamics limits of large populations of neurons or related subjects like spin glasses) is available at INRIA in the Sophia Antipolis Méditerranée Research Center, France.
More informations please visit http://www-sop.inria.fr/members/Olivier.Faugeras/index.en.html

Bath University: The Department of Mathematical Sciences is seeking to appoint a new professor who will extend and enhance its strength in Mathematical Analysis. Applications are particularly encouraged in Partial Differential Equations, Geometric Analysis, Calculus of Variations, Harmonic Analysis, Geometric Measure Theory, Ergodic Theory and Operator Theory, or a related field of Mathematical Analysis.

Applicants must have a strong research vision and a track-record of engagement within their Department and with the wider mathematics community. A key role will be to provide leadership and to help shape the wider research strategy of the analysis group and of the department and the university as a whole. Candidates should also have a strong interest in pursuing excellence in undergraduate and postgraduate teaching and in supervising graduate students.
For more information visit http://www.bath.ac.uk/hr/working/flexible-working/
Informal enquiries may be made to to:
Professor Roger Moser, r.moser@bath.ac.uk, +44 (0)1225 386699,
Dr Veronique Fischer, v.c.m.fischer@bath.ac.uk, +44 (0)1225 383205, or
Professor Peter Mörters, Head of Department, p.morters@bath.ac.uk, +44 (0)1225 386216

The London Centre for Nanotechnology and University College London are pleased to offer an EPSRC funded PhD position in theoretical condensed matter physics. The student will pursue theoretical research into strongly correlated quantum systems, investigating the formation of new phases due to quantum fluctuations. He/she will investigate the quantum order by disorder route to understanding these effects, with the aim of incorporating them into established ab initio numerical approaches. The research will be carried out under the supervision of Prof Andrew Green in UCL and Prof Chris Pickard in Cambridge, and in close collaboration with the theory group of Dr F. Kruger and the experimental groups of Prof Andrew Huxley in Edinburgh and Prof Des McMorrow in UCL.
The position will be funded by the EPSRC for 4 years.
To enquire contact: Prof Andrew Green, andrew.green@ucl.ac.uk

Department of Physics at the New York University is conducting a faculty search in Quantum Condensed Matter and Atomic Molecular and Optical Physics; tenure track Assistant Professor.
The Center for Quantum Phenomena is the newly established Center within the NYU Physics Department. After the highly anticipated inaugural opening in June the Center is ambitiously pursuing the plans for future significant growth, and is committed to further the development and advancement in the field of quantum phenomena. Currently, the Center has 28 members, including faculty, postdocs and graduate students. The closing date for applications for this position is Wednesday, January 31, 2018. The position can begin as early as September 1, 2018. For further information about this search and the submission of the applications, please visit the webpage: http://as.nyu.edu/physics/information/jobs.html.

New England Complex Systems Institute has two Postdoc and Research Positions Available
Computational Social Science and Medical Data Research

Computational Social Science Research - We are seeking a postdoctoral or predoctoral researcher to study patterns of human social behavior revealed in data sources including social media. The right candidate will have a unique opportunity to apply data analysis, machine learning, and artificial intelligence research to glean complex insights about patterns in social systems.

Medical Data Research - We are seeking a postdoctoral or predoctoral researcher to study an exclusive set of medical data provided by partnering medical institutions. The right candidate will have a unique opportunity to apply data analysis, machine learning, and artificial intelligence research to glean complex insights about patterns in human health.

Direct inquiries to programs@necsi.edu, or apply online at http://www.necsi.edu/education/postdoc/app.php

The Department of Physics at the University of Houston seeks to fill a tenure-track Assistant professorship with a theorist specializing in statistical mechanics pending the approval by the University of Houston Board of Regents. We expect to hire at the assistant professor level, but more senior candidates may be considered. Candidates must have a strong record of scholarship and be able to establish and sustain a robust, externally funded research program. Preference will be given to those with postdoctoral experience. Candidates must also demonstrate a commitment to and potential for excellence in teaching a wide range of physics courses at both graduate and undergraduate levels, as well as in mentoring students in research. Effective communication skills are required. Applications should include: (1) a detailed cover letter describing the applicant’s background and qualifications for the position, (2) a statement of philosophy, interest, and experience in teaching, (3) a detailed statement of proposed research, including plans for involving students and for seeking external support, (4) a full curriculum vitae, including a list of publications and the names, addresses, e-mail addresses, and telephone numbers of at least three professional references. The applicants must apply at http://jobs.uh.edu

Perimeter Scholars International (PSI)
Each year, Canada’s Perimeter Institute for Theoretical Physics recruits approximately 30 exceptional science graduates for an immersive, 10-month physics boot camp: Perimeter Scholars International (PSI) this unique Master’s program seeks not only students with stellar
undergraduate physics track records, but also those with diverse backgrounds, collaborative spirit, creativity, and other attributes that will set them apart as future innovators.

Features of the program include:

- Fully-funded program - removing financial and/or geographical barriers to entry. Students will be provided with: full tuition, accommodation, meals, living stipend, health insurance, book and materials, necessary IT equipment, and travel supplement.
- The PSI program will expose students to the full breadth of theoretical physics in courses taught by world-leading theoretical physicists - Perimeter researchers and visiting scientists.

Applications are due by February 1, 2018.

The Classe di Scienze of the Scuola Normale Superiore in Pisa invites applications for the position of Associate Professor, specialty: Mathematical Physics (Italian SSD MAT/07). The ideal candidate research interest should focus on dynamical systems (classical or quantum) and ergodic theory.

Application deadline: the application must be received by 8th February, 2018 at 11:59 p.m. C.E.T. at the Scuola Normale Superiore

To apply: please visit our website: https://en.sns.it/bando/associate-professor-academic-discipline-mathematical-physics

The Sackler Center for Computational Molecular and Materials Science at Tel Aviv University (http://thesacklercenter.tau.ac.il) is now receiving applications for prestigious postdoctoral positions.

Postdoctoral fellows are expected to perform leading-edge computational research focusing on the chemistry and physics of complex systems.

Applicants should have recently completed their PhD thesis in a relevant field, in an academic institute outside Israel, or expect to complete it by March 2019.

Postdoctoral fellows joining the center are expected to start anytime between October 2018 and March 2019. They will enjoy a two-year appointment with Tel Aviv University's highest fellowship (currently, with a net pay of 137,350 Israeli Shekels (NIS) per year), plus relocation expenses (including arrival flights and if needed, temporary housing). A personal allowance of 2000 USD/year will be given for travel expenses.

Applications should be submitted online at http://thesacklercenter.tau.ac.il/fellowships.html

Review of applications will continue until the positions are filled. For primary consideration, applicants are encouraged to apply before February 1st, 2018.