

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN  
DEPARTMENT OF MATHEMATICS  
POSTDOCTORAL POSITION AS J. L. DOOB RESEARCH ASSISTANT PROFESSOR  
(with special emphasis in Quantum Information Theory)

The Department of Mathematics of the University of Illinois at Urbana-Champaign is soliciting applications for a J. L. Doob Research Assistant Professorship with a special emphasis in Quantum Information Theory. The aim of the position is to find candidates who are interested in theoretical Quantum Information Theory (Bell inequalities and quantum channels) and are also willing to participate in more experimental work.

Doob postdoctoral positions are full time and non-renewable with a term of three years, starting approximately August 16, 2012. A relatively recent Ph.D. in mathematics, physics or computer science is required.

The Department of Mathematics and the University of Illinois provide an excellent scientific environment to pursue research in pure and applied mathematics. Salary and teaching load are competitive. Applications should be submitted electronically through <http://mathjobs.org/> and must include an AMS Standard Cover Sheet for Academic Employment, curriculum vitae including e-mail address, a publication list, a research statement, and at least three letters of reference. An additional reference addressing teaching is strongly recommended. Reference letter writers should submit their letters online through <http://mathjobs.org/>. If they are unable to do so, they may send their letters to the following address:

Search  
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1409 West Green Street  
Urbana, IL 61801, USA  
tel: (217) 333-3351; [search@math.uiuc.edu](mailto:search@math.uiuc.edu)

To ensure full consideration, all materials, including letters of reference, need to be received by January 20, 2012.

Illinois is an Affirmative Action /Equal Opportunity Employer and welcomes individuals with diverse backgrounds, experiences, and ideas who embrace and value diversity and inclusivity. ([www.inclusiveillinois.illinois.edu](http://www.inclusiveillinois.illinois.edu)).