

Post-Doctorate Position in Quantum Information Theory

The University of Illinois at Urbana-Champaign is now accepting applications for a Postdoctoral Research Associate in the areas of quantum and classical resource theories with applications in quantum computing/communication. Research will be conducted in the research group of Eric Chitambar in the Department of Electrical and Computer Engineering (ECE).

Duties and Responsibilities:

- Maintain a consistent level of research productivity and have excellent verbal and written communications skills to support research.
- Present research at conferences, meetings, and/or workshops.
- Mentor students and organize regular group meetings.
- Interact with other faculty and members of the Illinois Quantum Information Science and Technology Center (IQUIST).

Qualifications:

Viable candidates are expected to have a PhD in Physics, Computer Science, Computer Engineering or a related discipline received in the last five years. Candidates should have research-level experience and skills in on or more of the following areas: quantum entanglement, quantum resource theories, quantum computation, classical and quantum information theories.

Position and Application Details:

This is a one-year position that is extendible for up to three years. The salary is \$50K/year and the starting date is flexible. Appointment will be 100% time with University benefits for eligible individuals. Applicants should send their CV along with the contact information of three references to echitamb@illinois.edu. Full consideration will be given to all applicants received before January 31, 2019.

The University of Illinois conducts criminal background checks on all job candidates upon acceptance of a contingent offer. Illinois is an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, religion, color, national origin, sex, sexual orientation, gender identity, age, status as a protected veteran, or status as a qualified individual with a disability. Illinois welcomes individuals with diverse backgrounds, experiences, and ideas who embrace and value diversity and inclusivity. (www.inclusiveillinois.illinois.edu).