

Postdoctoral Fellowship in quantum computing

CENTER FOR QUANTUM RESEARCH

APPLIED RESEARCH LABORATORIES The University of Texas at Austin

The Center for Quantum Research (CQR) of the Applied Research Laboratories, The University of Texas at Austin (ARL:UT) wishes to invite applications for one or more postdoctoral fellowship positions. CQR is currently involved in exciting new research involving measurement-based optical quantum computing.

Applicants should have a recent Ph.D. in physics, math, engineering, or other related applied sciences. Applicant must have received his or her Ph.D. within the last three years in order to be eligible. Individuals with research experience in quantum information science, quantum optics, and measurement-based quantum computing are preferred, but all candidates are encouraged to apply. Experience with optical quantum computing, quantum optics, and classical simulation of quantum circuits and algorithms is desirable for this position is desirable but not essential. The successful applicant should demonstrate strong potential as an independent researcher and a small (2-5 people) team collaborator.

The appointment is contingent upon the completion of the requirements for a Ph.D. and will be for an initial period of one year with the possibility of renewal for up to three years. Outstanding recipients may be considered for staff positions at the completion of their appointment. U.S. Citizen; subject to a government security investigation and must meet eligibility requirements for access to classified information at the level appropriate to the project requirements of the position. Informal inquiries may be directed to: Brian La Cour (blacour@arlut.utexas.edu) or Antia Lamas-Linares (alamas@tacc.utexas.edu).

Salary Range: determined by experience and qualifications. Candidates should submit a curriculum vitae (with citizenship indicated), publication bibliography, three letters of reference, and a copy of two recent papers or manuscripts to

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