

Postdoctoral Research Fellow in Theoretical Condensed Matter and Quantum Information Science at the Laboratory for Physical Sciences, University of Maryland.

Applications are being accepted for physics postdoctoral research positions in quantum information and device theory at the Laboratory for Physical Sciences (LPS) at the University of Maryland-College Park. Demonstrated expertise in one or more of the following categories is desired: semiconductor/condensed-matter physics, solid-state quantum computing (e.g. spins in semiconductors or diamond, superconductors, etc.), quantum information science, many-body condensed matter physics, simulation of quantum systems, computational physics, quantum error correction/prevention, quantum optics, and related subjects.

Interested candidates are invited to seek more information or submit an electronic application addressed to Charles Tahan at ctahan@lps.umd.edu. Applications should include a CV, a summary of research interests, publications list, and the electronic (email) contact details of two references.

The University of Maryland is an Affirmative Action/Equal Opportunity employer and particularly welcomes applications from women and members of minority groups.

QUANTUM COMPUTING AT LPS

The quantum computing group at LPS consists of both experimentalists and theorists focused on various aspects of solid-state quantum computers, condensed matter theory, and quantum information science. Opportunities to collaborate with researchers at the University of Maryland Physics Department, the Joint Quantum Institute, nearby NIST and NRL are ample.

ABOUT THE LABORATORY FOR PHYSICAL SCIENCES

Located adjacent to the University of Maryland's College Park Campus, the Laboratory for Physical Sciences is a unique facility where university and federal government personnel collaborate on research in advanced communication and computer technologies. The Lab for Physical Sciences is also a member of the Joint Quantum Institute together with NIST and UMD.