

QuICS Hartree Postdoctoral Fellowships

Tue, 2018-09-04 19:09 - [Andrew Childs](#) [1] **At:** University of Maryland

Deadline: 1 December, 2018

Location

University of Maryland College Park, MD 20742 United States

38° 59' 27.0564" N, 76° 56' 38.9076" W

See map: [Google Maps](#) [2]

The Joint Center for Quantum Information and Computer Science (QuICS, <http://quics.umd.edu> [3]) is seeking exceptional candidates for the QuICS Hartree Postdoctoral Fellowships in Quantum Information and Computer Science.

QuICS is a research partnership between the University of Maryland (UMD) and the National Institute of Standards and Technology (NIST). Located at the University of Maryland just outside of Washington, D.C., the center advances research and education in quantum computer science and quantum information theory. Ongoing projects at QuICS include theoretical and experimental research on quantum algorithms, quantum complexity theory, quantum communication, quantum error correction and fault tolerance, quantum-enhanced metrology, quantum cryptography and quantum-secure cryptography, implementations of quantum information processing, foundations of quantum mechanics, applications of quantum information to physics, and more.

QuICS Postdoctoral Fellows are expected to work in close collaboration with one or ideally more than one Center Fellows, and will have opportunities to interact with leading computer scientists and theoretical and experimental physicists at UMD and NIST. Successful applicants may focus on any area of quantum information processing. Applicants are encouraged to contact QuICS Fellows directly to inquire about current research interests.

The term of appointment is two years with the possibility of extension for a third year, with a competitive salary plus benefits and a small stipend for research expenses. The application deadline for full consideration is December 1, 2018, but applications may be considered until the positions are filled. Applicants should submit a Curriculum Vitae including a complete publication list and a two-page Research Statement, and should arrange for three reference letters. Applications should be submitted through AcademicJobsOnline at <https://academicjobsonline.org/ajo/jobs/11805> [4].

The fellowships are named in honor of Douglas Hartree, who worked at NIST in the mid 1900s and who made fundamental advances in physics and computation.

The University of Maryland, College Park, actively subscribes to a policy of equal employment opportunity, and will not discriminate against any employee or applicant because of race, color, sex, gender identity or expression, sexual orientation, marital status, age, national origin, political affiliation, physical or mental disability, religion, protected veteran status, genetic information, or personal appearance. Minorities and women are encouraged to apply.

- [Postdoc](#) [5]

Source URL: <http://qurope.eu/db/jobs/quics-hartree-postdoctoral-fellowships>

Links:

QuICS Hartree Postdoctoral Fellowships

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[1] <http://qurope.eu/users/amchilds>

[2] <http://maps.google.com?q=38.990849+-76.944141+%28%2C+College+Park%2C+MD%2C+%2C+20742%2C+us%29>

[3] <http://quics.umd.edu/>

[4] <https://academicjobsonline.org/ajo/jobs/11805>

[5] <http://qurope.eu/db/jobs/type/postdoc>