

QuICS Fellow

Tue, 2018-11-20 00:03 - [Andrew Childs](#) [1] **At:** Joint Center for Quantum Information and Computer Science

Deadline: 15 December, 2018

Location

University of Maryland College Park, MD 20742 United States

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

The Joint Center for Quantum Information and Computer Science (QuICS) is currently seeking outstanding quantum information researchers to join the Center faculty as QuICS Fellows. QuICS is a research partnership between the University of Maryland (UMD) and the National Institute of Standards and Technology (NIST), with faculty from both institutions. Accordingly, applicants will be considered for tenure-track positions at UMD, and those who are US citizens may also be considered for permanent employment as researchers at NIST.

Located at the University of Maryland, College Park, 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 Fellows are expected to lead externally funded research groups and carry out cutting-edge research on quantum information. The QuICS Fellows work together to set the direction of the Center, including a robust visitor program, frequent conferences and workshops, Center-funded fellowships for outstanding graduate students and postdoctoral scholars, and courses on quantum information topics.

Interested candidates are encouraged to apply to one or more of the relevant faculty searches at the University of Maryland, which include the following:

- Open rank faculty positions, Department of Computer Science (<http://www.cs.umd.edu/job/2018/104969-open-rank> [3])
- Brin Family Endowed Professorships in Theoretical Computer Science (<https://ejobs.umd.edu/postings/64664> [4], <https://cmns.umd.edu/news-events/features/4217> [5])
- Assistant/Associate Professor positions, Department of Electrical and Computer Engineering (<https://ece.umd.edu/aboutus/employment> [6])

Candidates should also email `quics-coordinator[at]umiacs[dot]umd[dot]edu` indicating their interest in being considered as a possible QuICS Fellow and specifying the search(es) to which they have applied.

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.

NIST is a Federal measurement science and engineering research laboratory located in Gaithersburg, Maryland. See <https://www.nist.gov/careers> [7]. NIST is an Equal Employment

QuICS Fellow

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Opportunity employer.

- [Position](#) [8]

Source URL: <http://quope.eu/db/jobs/quics-fellow>

Links:

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

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

[3] <http://www.cs.umd.edu/job/2018/104969-open-rank>

[4] <https://ejobs.umd.edu/postings/64664>

[5] <https://cmns.umd.edu/news-events/features/4217>

[6] <https://ece.umd.edu/aboutus/employment>

[7] <https://www.nist.gov/careers>

[8] <http://quope.eu/db/jobs/type/position>