

PostDoc position at NIST

Short description:

Our extended group has multiple openings for a guest researcher positions to work on quantum network related science and experimental implementation of a NIST quantum network testbed. The candidate will work with experts in the field of quantum information science, will have access to state-of-the-art single photon detectors and sources and will have the opportunity to be part and work on the ongoing effort to develop new measurement science and devices for quantum networks, including sources, detectors, memories, transducers, metrology, and protocols.

Position requirements:

- PhD in physics or equivalent
- should have experience in quantum information science
- experimental experience with single-photon and fiber-optic systems
- strong programming skills
- experience in automation of experimental measurement
- be able to work in a team-driven environment

Desirable skills:

- experience in FPGA programming (Verilog, VHDL or any other) will be a plus
- experience in data analysis and presentation (MATLAB, Mathematica, Python)
- numerical simulations and data processing (C/C++)

Information about the group: <https://www.nist.gov/people/sergey-polyakov>



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