

Quantum nanophotonics & nanomechanics

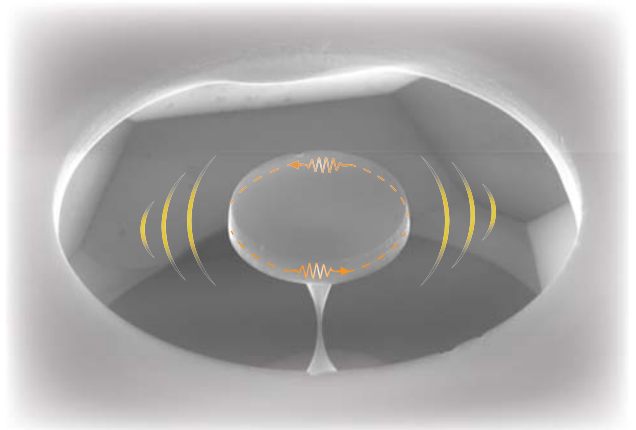
University of Calgary
National Institute for Nanotechnology
Institute for Quantum Science and Technology

Join researchers building technology for probing and manipulating quantum systems, performing quantum optics “on-chip”, and controlling the dynamics of nanoscale mechanical structures. Projects combine nanophotonic device design and fabrication with quantum optics experiments to realize new regimes of light-matter coupling.

Postdoctoral scholar positions

[National Institute for Nanotechnology](#) position: focused on fabricating and demonstrating devices for spin-optomechanics that connect diamond and magnetic spins to photons and phonons. Start date: asap.

[University of Calgary](#) position: focused on quantum and nonlinear optics experiments using nanophotonic and spin-optomechanical devices. Start date: summer/fall 2017.



MSc and PhD positions

Research positions for creative graduate students with a physics or engineering physics background and an interest in quantum nanoscience will be available in spring 2017.

More information

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National Institute
for Nanotechnology



Institute for
QUANTUM SCIENCE AND TECHNOLOGY
at the University of Calgary