

quantum optomechanics lab

Fri, 2016-10-07 16:57 - [Giovanni Andrea Prodi](#) [1] **Research Type:** Experiment

- Quantum-nondemolition (QND) measurements in optomechanical systems
- Quantum noises in continuous measurements of motion
- Development of low-loss micro/nano resonators for applications in quantum optomechanics
- Manipulation of non classical states of optical field through optomechanical interaction
- Control of micro/nano mechanical resonators in the quantum regime

Leader: Giovanni Andrea Prodi

Location

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46° 4' 29.2044" N, 11° 7' 18.2964" E

- [Quantum Metrology, Sensing and Imaging](#) [2]
- [Other](#) [3]

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