

CNR-INO, Nonlinear and Quantum Optics

Tue, 2016-10-04 23:08 - [Maurizio De Rosa](#) [1] **Website:**
<http://www.ino.it/Napoli/Lab3/Lab3.php?p=home> [2]

Research Type: Experiment

We aim to demonstrate manipulation and control of the spectral dependence of the field quadratures fluctuations of squeezed light by effect of opto-mechanical interaction.

Expertise:

- Nonlinear optics
- generation of squeezed light
- optomechanical quantum cavity
- frequency comb generation in quadratic nonlinear cavities

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Location

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- [Quantum Communication](#) [3]
- [Quantum Control](#) [4]
- [Quantum Metrology, Sensing and Imaging](#) [5]

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Links:

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[3] <http://qurope.eu/category/vi/quantum-communication>

[4] <http://qurope.eu/category/virtual-facility/quantum-control>

[5] <http://qurope.eu/category/virtual-institute/quantum-metrology-sensing-and-imaging>