

Quantum Optics and Quantum Information (Rome)

Wed, 2010-04-07 14:12 - [Paolo Mataloni](#) [1] **Website:**
quantumoptics.phys.uniroma1.it/

Research Type: Experiment

- Quantum state teleportation
- Optical parametric amplification of single photons
- Quantum cloning and universal NOT gate; Purification of single qubits
- Parametric sources of pure and mixed entangled state
- Quantum state and process tomography
- Detection of Fock states
- Detection of entanglement
- Hyper-entanglement

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Location

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- [Quantum Communication](#) [2]
- [Quantum Computation](#) [3]
- [Quantum Metrology, Sensing and Imaging](#) [4]

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[3] <http://qurope.eu/category/virtual-institute/quantum-computation>

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