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Quantum Optics, Quantum
Nanophysics &
Quantum Information



Institut für Quantenoptik
und Quanteninformation

Quantum-Opto-Mechanics

This project aims to generate quantum states of micromechanical resonators by using the well-developed toolbox of quantum optics and quantum information. The goal is to enter a completely new and hitherto untested parameter regime of macroscopic quantum physics and to re-address some of the fundamental questions of quantum theory.

