

## Quantum Technology Group

Tue, 2017-02-07 10:50 - [Lars M. Johansen](#) [1] **Website:**  
[www.usn.no/qt](http://www.usn.no/qt) [2]

**Research Type:** Theory

Technological developments enable us to manipulate and control quantum effects at an increasingly advanced level of sophistication. This gives new opportunities e.g. within communication, metrology, sensors, simulation and computation. Quantum technology will affect global communication networks and security on the internet.

Our research is concentrated on quantum mechanical measurement theory and quantum metrology, quantum opto-mechanics, quantum optics, entanglement, nonlocality and quantum information.

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### Location

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- [Quantum Engineering](#) [3]
- [Quantum Metrology, Sensing and Imaging](#) [4]

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