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**Phonon number QND measurement in
electromechanics**

Luca Dellantonio

Niels Bohr Institute
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Correction of atmospheric turbulent effects with a double fast steering mirror system for fast free-space quantum communications

Veronica Fernandez-Marmol

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**Positive-negative frequency conversion at a
refractive index front**

Maxime Jacquet

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**Quantum state comparison amplifier with
feedforward state correction**

Luca Mazzarella

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**Quasi-continuous variable quantum
computation with collective spins in
multi-path interferometers**

Tomáš Opatrný

Palacky University Olomouc
Czech Republic

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**Spatially multimode quantum memories for
light based on atomic ensembles**

Michał Parniak

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Warsaw
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**Observation of localised multi-spatial mode
quadrature squeezing**

Plamen Petrov

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**The cooperation number in the study of the
quantum phase transition of a
matter-radiation interaction model**

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**Multi-photon scattering tomography with
coherent states**

Tomás Ramos

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**Adaptive interferometry and single-mode
measurements do not increase the capacity of
coherent-state decoders**

Matteo Rosati

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**Classical saturability of the Cramer-Rao bound
for optimal quantum metrology**

Jesus Rubio

University of Sussex
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**Continuous-variable quantum teleportation on
a photonic chip**

Takahiro Serikawa

University of Tokyo
Japan

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Random numbers from vacuum fluctuations

Yicheng Shi

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On-chip plasmonic cavity-enhanced quantum emitters

Hamidreza Siampour

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**Quantum metrology of spatial deformation
using arrays of classical and quantum light
emitters**

Jasminder Sidhu

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**Reconfigurable & modular quantum optics
on-chip**

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Southampton
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**Nanodiamond on integrated waveguides as a
spin-photon interface**

Joe Smith

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Narrow-bandwidth sensing of high-frequency fields with continuous dynamical decoupling

Alexander Stark

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**Two-photon interference from two blinking
quantum emitters**

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Quantum enhanced holometer

Siva Pradyumna Tekuru

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**Multimode quantum model of electro-optic
phase modulator: Applications in quantum
information science**

Alexander I. Trifanov

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**Continuous-wave single-photon transistor with
Rydberg atoms**

Iason Tsiamis

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**An efficient quantum spin-photon interface in
diamond for a quantum network**

Suzanne van Dam

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**Two-dimensional quantum repeater
architectures based on atomic ensembles**

Denis Vasilyev

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**Wide-field imaging of magnetic fields using
nitrogen-vacancy centers in diamond**

Adam M. Wojciechowski

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Denmark

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**Theoretical study of photon subtraction
improved by filtering**

Jun-Ichi Yoshikawa

The University of Tokyo
Japan

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