

Session Program

5-8 Oct 2026

Greenhorn Meeting 2026
(Quantum) Mechanical Oscillators

Institute for Quantum Physics
Luruper Chaussee 149

Tuesday 6 October

10:30

(Quantum) Mechanical Oscillators

Session | **Location:** Institute for Quantum Physics, Luruper Chaussee 149 | **Convener:** Hans Michel

10:30–10:45

Inter-Mode Correlations in a Quantum Optomechanical System

Speaker

Sofia Kokhanska

10:45–11:00

Towards Remote Quantum Coherent Coupling of Atoms and a Mechanical Oscillator via Light

Speaker

Andreas Weber

11:00–11:15

Coherent feedback cooling of a mechanical oscillator

Speaker

Alexandre Huot de Saint-Albin

11:15–11:30

Implementation of a Simple Neural Network using a Neuromorphic Linear Wave-Scattering System

Speaker

Paula Turkiewicz

11:30