

Session Program

5-8 Oct 2026

Greenhorn Meeting 2026

Quantumoptics and Spectroscopy

Institute for Quantum Physics
Luruper Chaussee 149

Wednesday 7 October

10:00

Quantumoptics and Spectroscopy

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

10:00–10:15 **Mid-infrared sensing with induced coherence in Rb vapor ensemble**

Speaker

Kaveri Jagtap

10:15–10:30
Integration of Flip-Chip Photodiodes on Lithium Tantalate on Insulator (LTOI) Photonic Chips

Speaker

Luise Heiland

10:30–10:45 **Probing the Standard Model with Atomic Deuterium**

Speaker

Sudhir Suresh Babu

10:45–11:00
Performance Evaluation of a Vacuum-Fluctuation Quantum Random Number Generator According to AIS 20/31

Speaker

Mehrzaad Firoozi

11:00

Thursday 8 October

14:15

Quantumoptics and Spectroscopy

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

14:15–14:30

Decoding Quantum Mechanics Textbooks: A Roadmap for Learners, Researchers and Young Educators

Speaker

Yajie Liang

14:30