

Session Program

5-8 Oct 2026

Greenhorn Meeting 2026

Quantumcommunication

Institute for Quantum Physics
Luruper Chaussee 149

Thursday 8 October

11:45

Quantumcommunication

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

11:45-12:00

Exploring Nickel Vacancies for Improved Quantum Repeaters

Speaker

Florian Rickert

12:00-12:15

Telecom-to-Visible Fiber-Integrated Quantum Frequency Conversion

Speaker

Felix Rohe

12:15-12:30

Investigation of Tin-Vacancy Centers in Diamond for Quantum Repeater Applications

Speaker

Linus Ehre

12:30

13:45

Quantumcommunication

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

13:45-14:00

Optical Memory in a Microfabricated Rubidium Vapor Cell

Speaker

Joscha Locher

14:00-14:15

Towards consumer-level quantum-secure cryptography using entanglement-based short-range quantum-key-distribution

Speaker

Marco Arnds

14:15