

Session Program

5-8 Oct 2026

Greenhorn Meeting 2026

Rydberg excitations

Institute for Quantum Physics
Luruper Chaussee 149

Monday 5 October

12:15

Rydberg excitations

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

12:15-12:30

Strong Light-Matter Coupling in a Rectangular Ring Cavity Integrated with a Rydberg-Atom Platform

Speaker

Thomas Benedikt Beck

12:30

13:45

Rydberg excitations

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

13:45-14:00

Reducing decoherence in single-photon Rydberg excitation

Speaker

Jule Brosig

14:00-14:15

Effect of small interaction terms in a time-reversal protocol for a Rydberg quantum simulator

Speaker

Varad Dhodapkar

14:15-14:30

Dynamical Decoupling for Realising Time Reversal in Dipole-Dipole-Interacting Rydberg Systems

Speaker

Moritz Linnebacher

14:30