

Session Program

5-8 Oct 2026

Greenhorn Meeting 2026

Trapped Ions

Institute for Quantum Physics
Luruper Chaussee 149

Thursday 8 October

10:30

Trapped Ions

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

10:30–10:45

Towards optical excitation of a spin-forbidden clock transition with structured light using a photonic-integrated ion trap

Speaker

M. Ludwig

10:45–11:00

Towards Scalable Trapped-Ion Quantum Computing with an X-junction Trap

Speaker

Christian Miguel Karres

11:00–11:15

Cooling dynamics of C_{60}^+ in an RF Paul trap: deep ion-atom wells and RF collisional heating

Speaker

Yu Wang

11:15