

Session Program

7-12 Jul 2024

Early Career Conference in Trapped Ions (ECCTI) 2024

Quantum Simulation

Viktor-Franz-Hess Haus, Hörsaal B (Technik)
Technikerstraße 25a, 6020 Innsbruck, Austria

Thursday 11 July

14:30

Quantum Simulation

Session | **Location:** Viktor-Franz-Hess Haus, Hörsaal B (Technik), Technikerstraße 25a, 6020 Innsbruck, Austria | **Convener:** Marco Valentini

14:30–14:55

Entanglement generation in 2D ion crystals

Speaker

Artem Zhdanov

14:55–15:17

Optical tweezer optimisation for trapped-ion quantum simulation

Speaker

Maria Clara Robalo Pereira

15:18–15:40

Investigating interference with phononic bright and dark states in a trapped ion

Speaker

Robin Thomm

15:40