

Session Program

26 June 2022 to 1 July 2022

**Early Career Conference in Trapped Ions
(ECCTI) 2022**

Quantum Technologies

CERN, 503/1-001 - Council Chamber

Tuesday 28 June

09:00

Quantum Technologies

Session | **Location:** CERN, 503/1-001 - Council Chamber | **Convener:** Silke Auchter

09:00–09:22

Multi-tone RF generation for intermediate-scale trapped-ion control *

Speaker

Martin Stadler

09:23–09:45

A laser-cooled 40Ca^+ ion and a $40\text{Ca}^+ - 40\text{Ca}^+$ ion crystal for systematic investigations of motional quantum metrology

Speaker

Mr Francisco Domínguez

09:45–10:07

Trapped ions in optical tweezers

Speaker

Mr Matteo Mazzanti

10:08–10:30

Selective properties of a Paul trap with the asymmetrical power supply

Speaker

Ms Olga Kokorina

10:30