

Session Program

2-7 Jul 2023

Searching for New Physics at the Quantum Technology Frontier

Poster Session 2

Congressi Stefano Franscini (CSF), Ascona (Ticino), Switzerland
Monte Verità Strada Collina 84 CH-6612 Ascona (Ticino)

Tuesday 4 July

21:00

Poster Session 2

Session

Location: Congressi Stefano Franscini (CSF), Ascona (Ticino), Switzerland, Monte Verità Strada Collina 84 CH-6612 Ascona (Ticino)

21:00-23:00

Towards High-Resolution X-Ray Spectroscopy of Muonic Lithium using Metallic Magnetic Microcalorimeters

Speaker

Katharina von Schoeler

21:00-23:00

Shuttling and merging of mixed-species ion chains

Speaker

Mr Francesco Lancellotti

21:00-23:00

Towards Improving the Precision of the Negative Muon Mass via Muonic Helium HFS Spectroscopy

Speaker

Patrick Strasser

21:00-23:00

Dressed spin states of protons in water

Speaker

Ivo Schulthess

21:00-23:00

Towards quantum control and spectroscopy of single hydrogen molecular ions

Speakers

Nick Schwegler, Mr Fabian Schmid

21:00-23:00

Magnetometry with laser-cooled beryllium ions in ALPHA Antihydrogen Experiment

Speaker

Joanna Peszka

21:00-23:00

GRASIAN: Towards the first demonstration of gravitational quantum states of atoms with a cryogenic hydrogen beam

Speaker

Carina Killian

21:00-23:00

Pulsed CW laser for long-term spectroscopic measurements at high power in deep-UV

Speaker

Lucas de Sousa Borges

21:00-23:00

Interferometry setup for LEMING

Speaker

Robert Waddy

21:00-23:00

Novel production method of a cold muonium beam

Speaker

Jesse Zhang

23:00