

Session Program

10-14 Jun 2024

**PSAS'2024 - International Conference on
Precision Physics of Simple Atomic Systems**

Session 8

ETH Zurich- Honggerberg Campus

Thursday 13 June

14:15

Session 8

Session | **Location:** ETH Zurich- Hönggerberg Campus | **Convener:** Paolo Crivelli

14:15-14:40

Measurement of the C-forbidden $2\ ^3S_1 \rightarrow 2\ ^1P_1$ transition in positronium

Speaker

Rebecca J Daly

14:40-15:05

One-dimensional chirp cooling of positronium

Speaker

Dr Kenji Shu

15:05-15:30

Laser Cooling of Positronium

Speaker

Benjamin Rienacker

15:30

16:00

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16:00-16:30

Progress in the calculation of order α^7 radiative-recoil corrections to the energy levels of muonium and positronium

Speaker

Gregory Adkins

16:30-16:55

LEMING - Cold muonium for atomic physics and gravity

Speaker

Anna Soter

16:55-17:20

Rydberg atom interferometry for testing the Weak Equivalence Principle with antimatter

Speaker

Louise McCaul

17:20