

Session Program

10-14 Jun 2024

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

Session 3

ETH Zurich- Honggerberg Campus

Tuesday 11 June

09:00

Session 3

Session | **Location:** ETH Zurich- Hönggerberg Campus | **Convener:** Eberhard Widmann

09:00–09:25

Hyperfine structure calculations in hydrogenlike and heliumlike atoms

Speaker

Dr Vojtěch Patkóš

09:25–09:50

Finite nuclear mass correction to the hyperfine splitting in hydrogenic systems

Speaker

Prof. Krzysztof Pachucki

09:50–10:20

Bound state energy levels from trace anomaly

Speaker

Prof. Michael Eides

10:20

10:50

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10:50–11:15

Precision spectroscopy of helium atoms

Speaker

Dr Yu Sun

11:15–11:40

Precision spectroscopy of Rydberg states in ^4He and ^3He

Speaker

Gloria Clausen

11:40–12:00

Towards XUV Frequency Comb Spectroscopy of the 1s-2s Transition in He+

Speaker

Florian Egli

12:00–12:25

Precision Measurement of Vibrational Quanta in Tritium Hydride

Speaker

Valentin Hermann

12:30