

**Session Program**

**10-14 Jun 2024**

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

***Session 5***

ETH Zurich- Höggerberg Campus

# Wednesday 12 June

09:00

## Session 5

**Session** | **Location:** ETH Zurich- Höggerberg Campus | **Convener:** Masaki Hori

09:00–09:25

### Constraints on the electric charge of the neutrino and the neutron from atomic physics and cosmology

**Speaker**

Savely Karshenboym

09:25–09:50

### Measuring the neutron electric charge with time-of-flight grating interferometry

**Speaker**

Marc Persoz

09:50–10:15

### The neutron lifetime experiment $\tau$ SPECT

**Speaker**

Dieter Achim Ries

10:15

10:45

## Session 5

**Session** | **Location:** ETH Zurich- Höggerberg Campus | **Convener:** Masaki Hori

10:45–11:20

### Antihydrogen laser spectroscopy to 13 significant figures and beyond

**Speaker**

Claudio Lenz Cesar

11:20–11:50

### Precision measurements on protons and antiprotons in the BASE collaboration

**Speaker**

Christian Smorra

11:50–12:10

### Towards the controlled formation of antiprotonic atoms at AEGIS

**Speaker**

Fredrik Olof Andre Parnefjord Gustafsson

12:10–12:30

### Production of a 6 keV antihydrogen beam in the GBAR experiment

**Speaker**

Philipp Peter Blumer

12:30