

**Session Program**

**19-22 Jan 2026**

**All that Antimatters in the Universe**  
***Antimatter experiments at low energies***

CERN, 503/1-001 - Council Chamber

# Wednesday 21 January

09:00

## Antimatter experiments at low energies

**Session** | **Location:** CERN, 503/1-001 - Council Chamber | **Convener:** Dr Barbara Maria Latacz

### 09:00–09:45 Antimatter experiments at low energies

**Speaker**

Prof. Klaus (KHK) Jungmann

### 09:45–10:00 Antiprotons Under the Precision Microscope

**Speaker**

Prof. Stefan Ulmer

10:00

10:30

## Antimatter experiments at low energies

**Session** | **Location:** CERN, 503/1-001 - Council Chamber | **Convener:** Michael Charlton

### 10:30–11:15 Testing Fundamental Physics with Antimatter Systems (R)

**Speaker**

Dr Yevgeny Stadnik

### 11:15–11:30 Antihydrogen yield in AD experiments

**Speaker**

Eric Hunter

11:30–11:45

### Coherent spectroscopy with a single antiproton spin for the antiproton magnetic moment measurements in BASE

**Speaker**

Dr Barbara Maria Latacz

11:45–12:00

### Advances towards measuring the gravitational free-fall of an antiatom beam at the AEGIS experiment

**Speaker**

Ruggero Caravita

12:00–12:15

### Precision laser spectroscopy of exotic helium atoms to determine the antiproton-to-electron mass ratio, and the charged pion and kaon masses

**Speaker**

Masaki Hori

12:15–12:30

### Towards a future test of CPT Invariance by spectroscopy of $\overline{\text{H}}^+_{2^+}$ and $\overline{\text{H}}^+_{2^-}$

**Speaker**

Prof. Stephan Schiller

12:30