Session Program

26 June 2022 to 1 July 2022

Early Career Conference in Trapped Ions (ECCTI) 2022

Antimatter

CERN, 503/1-001 - Council Chamber

Monday 27 June

09:24

Antimatter

Session | **Location:** CERN, 503/1-001 - Council Chamber | **Convener:** Elise Wursten

09:24–09:46

The PUMA Experiment: Investigating Short-lived Nuclei with Antiprotons

Speaker
Alexander Schmidt

09:46–10:08

Ultra-high precision laser spectroscopy of anti-hydrogen

Speaker
Mr Janko Nauta

10:08–10:30

Sympathetic cooling of a single proton in a Penning trap by laser-cooled beryllium ions

Speaker
Christian Will

10:30

Tuesday 28 June

14:30

Antimatter

Session | **Location:** CERN, 503/1-001 - Council Chamber | **Convener:** April Louise Cridland

14:30–14:52 **muCool: A novel low-energy muon beam for precision experiments**

Speaker
Giuseppe Lospalluto

14:53–15:15 **BASE: Towards a 10-fold improved measurement of the Antiproton Magnetic Moment**

Speaker
Mr Markus Fleck

15:15–15:37 **Transportable Cryostat and Permanent Magnet Trap for Transporting Antiprotons**

Speaker
Daniel Popper

15:38–15:53 **Construction and tests of image-current detection systems for the transportable antiproton trap BASE-STEP**

Speaker
Fatma abbass

15:55

Wednesday 29 June

14:30

Antimatter

Session | **Location:** CERN, 503/1-001 - Council Chamber | **Convener:** Janko Nauta

14:30–14:52

Fundamental tests of antimatter gravitation with antihydrogen accelerators

Speaker
Jaspal Singh

14:53–15:15

Positron plasma creation and manipulation in the ASACUSA Cusp experiment

Speaker
Andreas Lanz

15:15–15:37

An Ion Trap Source of Ultracold Atomic Hydrogen via Photodissociation of the BaH+ Molecular Ion

Speaker
Steven Armstrong Jones

15:38–16:00

ASACUSA’s low energy proton source for matter studies

Speaker
Alina Weiser

16:00