

Session Program

6–11 Sept 2026



**Early Career Conference in Trapped Ions (ECCTI) 2026,
Oxford**

Clocks and Precision Spectroscopy

Wednesday 9 September

13:30

Clocks and Precision Spectroscopy

Session

13:30–13:55 Towards a network of $^{43}\text{Ca}^+$ optical clocks for entanglement-enhanced metrology

Speaker

Ayush Agrawal

13:55–14:20 Sensing thermal motion of single ions with structured light.

Speaker

Muriel Bonetto

14:20–14:40 Three Body Quantum Scattering in a Hybrid Atom-Ion System

Speaker

Patrick Mullan

14:40–15:00

Measurements of the bound-electron g factor in highly charged ions: testing fundamental physics

Speaker

Max Anton Gramberg

15:00

Friday 11 September

09:30

Clocks and Precision Spectroscopy

Session

09:30–09:50 A transportable Al⁺ quantum logic optical clock

Speaker

Joost Hinrichs

09:50–10:10

Development of a Second ¹⁷¹Yb⁺ Ion Optical Clock at NPL Towards the Redefinition of the SI Second

Speaker

Thilina Senaviratne

10:10–10:30 A Penning trap single-photon counter for axion detection

Speaker

Marko Wojtkowiak

10:30–10:50

Implementation of a Josephson Voltage Standard for the First Direct Measurement of the Nuclear Magnetic Moment of $^3\text{He}^{2+}$

Speaker

Mr Felix Grüner

10:50