

Session Program

6–11 Sept 2026



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

Quantum Simulation

Monday 7 September

11:15

Quantum Simulation

Session

11:15–11:40 **Non-paraxial effects on laser-qubit interactions**

Speaker

Louis Gallagher

11:40–12:05 **Using Qudits for Quantum Simulation**

Speakers

Irini Lindmar, Mr Raffaele Lanini

12:05–12:25 **Single-Setting Measurements for Characterizing Many-Body Quantum States**

Speaker

Leo Walz

12:30

13:30

Quantum Simulation

Session

13:30–13:50 **Interaction-Induced Dynamics in Ultracold Atom–Ion Mixtures**

Speaker

Alexander Döring

13:50