

## **Session Program**

**30 June 2026 to 1 July 2026**



# **Particle Accelerators and Beams Conference 2026**

## ***Contributed talks***

## Tuesday 30 June

11:15

### Contributed talks: Session I : Advanced Acceleration Concepts Session

11:15-11:35 **Beam-driven plasma acceleration for HALHF@CLARA**

**Speaker**

Ms Meg Savage

11:35-11:55

**Development of a compact terahertz-driven transverse streaker for femtosecond electron beam diagnostics**

**Speaker**

Joseph Bradbury

11:55-12:15

**Electro-optic Spectral Interferometry Bunch Profile Monitor: Design and Implementation**

**Speaker**

Samuel Norman

12:15-12:35

**Developments Towards a Novel Moment Based Particle-In-Cell Code**

**Speaker**

Finlay Gunneberg

12:35

13:30

### Contributed talks: Session II : Particle Physics Facilities Session

13:30-13:50

**Strategy and Community in UK Accelerator Science: An ECFA and PPAP Update**

**Speaker**

Haroon Rafique

13:50-14:10

**Design of the Compton Polarimeter for the FCCee**

**Speaker**

Jasper Burvill

14:10-14:30

**Luminosity monitoring using Bhabha electrons in SuperKEKB and FCC-ee**

**Speaker**

Pablo Mooney

14:30-14:50

**Third Harmonic Cavities for Electron Cooling in the Electron Ion Collider**

**Speaker**

Sara Toole

14:50-15:10

**The Ghost Collider**

15:10

**Speaker**  
Peter Williams

## Wednesday 1 July

11:20

### Contributed talks: Session 4: Medical and industry applications Session

11:20-11:40 **First VHEE-FLASH dosimetry and radiobiology studies at CLARA**

**Speaker**

Kristina Small

11:40-12:00

**Very High Energy Electron FLASH Radiotherapy: Accelerator Development and Emerging Experimental Evidence**

**Speaker**

Prof. Roger Jones

12:00-12:20

**LhARA, a proposed Ion Therapy Research Facility**

**Speaker**

Hywel Owen

12:20-12:40

**Applications of energetic ion beams at Surrey Ion Beam Centre**

**Speaker**

Dr Nianhua Peng

12:40

14:10

### Contributed talks: Session 5: Industry and technology development Session

14:10-14:30 **Results from the HEPTO Combined Function Permanent Magnet**

**Speaker**

Mr Alex Hinton

14:30-14:50

**The Rapiscan Linac Test Beamline**

**Speaker**

Joe Crone

14:50-15:10

**Thin Film SRF Cavity Developments at STFC Daresbury Laboratory**

**Speaker**

Daniel Seal

15:10