

## **Session Program**

**11-12 Jun 2024**



# **Particle Accelerators and Beams Conference 2024**

## ***Parallel talks***

## Wednesday 12 June

13:05

### Parallel talks: Parallel session I (Main room)

Session | Location: Level 1 Auditorium

13:05–13:20 **CLARA Dielectric Dechirper Performance Studied by Simulations**

**Speaker**

Beatriz Higuera Gonzalez

13:20–13:35

**High frequency solutions to electron beam position measurements in the AWAKE common beamline**

**Speaker**

Bethany Spear

13:35–13:50

**Witness injection via laser-solid interaction for plasma wakefield accelerators**

**Speaker**

Dr Thomas Wilson

13:50–14:05

**Electron beam jitter suppression and diagnostic using terahertz-induced modulation**

**Speaker**

Joseph Bradbury

14:05

13:05

### Parallel talks: Parallel session II (Second room)

Session | Location: Conference Room 3

13:05–13:20 **Crystal experiments and recent measurements at CERN**

**Speaker**

Dr Kay Dewhurst

13:20–13:35

**Monte Carlo Techniques for Modelling X-Ray Detector Systems**

**Speaker**

Lauryn Eley

13:35–13:50

**CARP (Computational Assessment of Radionuclide Production): Development of a new tool for modelling medical radionuclide production by particle beam irradiation**

**Speaker**

Duncan Mayhem

13:50–14:05

**Ion-beam implantation to simulate radiation damage in novel metallic systems for nuclear fusion applications**

**Speakers**

Mr Sam Yeates, Sam Yeates

14:05