

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