

Session Program

11-12 Jun 2024



Particle Accelerators and Beams Conference 2024

Parallel talks

Tuesday 11 June

14:20

Parallel talks: Parallel session I - Sustainable accelerators (Main room)

Session | **Location:** Level 1 Auditorium

14:20–14:50

The psychology behind Sustainable Energy Transitions

Speaker

Thijs Bouman

14:50–15:05

Evaluating the environmental impact of the ISIS-II Neutron and Muon Source

Speaker

Dr Hannah Wakeling

15:05–15:20

Reducing the RF power demands for future colliders

Speaker

Prof. Graeme Burt

15:20–15:30

Health break

15:30–15:45

A Carbon-Neutral, Emission-Free Particle Accelerator for Ion Beam Analysis

Speaker

Dan Faircloth

15:45–16:00

Thin film superconducting cavities for sustainable accelerators

Speaker

Daniel Seal

16:00

14:20

Parallel talks: Parallel session II (Second room)

Session | **Location:** Conference Room 3

14:20–14:35

Coffee break (extended)

14:35–14:50

Summary and Feedback from the National Particle Accelerator Open Day 2023

Speaker

Haroon Rafique

14:50–15:05

Phase Shifters in Free-Electron Lasers

Speaker

Dr Alan Mak

15:05–15:20

The UK XFEL conceptual design and options analysis project

Speaker

David Dunning

15:20–15:30

Health break

15:30–15:45

Status of CLARA Test Facility at Daresbury Laboratory

Speaker

Deepa Angal-Kalinin

15:45–16:00

Beam dynamics of the RUEDI ultrafast electron diffraction beamline

Speaker

Benjamin Hounsell

16:00