Session Program

Jun 11 – 12, 2024

Particle Accelerators and Beams Conference 2024

Parallel talks

Tue, June 11

2:20 PM

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

Session | **Location:** Level 1 Auditorium

2:20 – 2:50 PM **The psychology behind Sustainable Energy Transitions**

Speaker
Thijs Bouman

2:50 – 3:05 PM

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

Speaker
Dr Hannah Wakeling

3:05 – 3:20 PM **Reducing the RF power demands for future colliders**

Speaker
Prof. Graeme Burt

3:20 – 3:30 PM **Health break**

3:30 – 3:45 PM

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

Speaker
Dan Faircloth

3:45 – 4:00 PM **Thin film superconducting cavities for sustainable accelerators**

Speaker
Daniel Seal

4:00 PM

2:20 PM

Parallel talks: Parallel session II (Second room)

Session | **Location:** Conference Room 3

2:20 – 2:35 PM **Coffee break (extended)**

2:35 – 2:50 PM

Summary and Feedback from the National Particle Accelerator Open Day 2023

Speaker
Haroon Rafique

2:50 – 3:05 PM **Phase Shifters in Free-Electron Lasers**

Speaker
Dr Alan Mak

3:05 – 3:20 PM **The UK XFEL conceptual design and options analysis project**

Speaker
David Dunning

3:20 – 3:30 PM **Health break**

3:30 – 3:45 PM **Status of CLARA Test Facility at Daresbury Laboratory**

Speaker
Deepa Angal-Kalinin

3:45 – 4:00 PM **Beam dynamics of the RUEDI ultrafast electron diffraction beamline**

Speaker
Benjamin Hounsell

4:00 PM