

## **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