

## **Session Program**

**15-19 Sept 2025**



# **MEDSI2025 - 13th International Conference on Mechanical Engineering Design of Synchrotron Radiation Equipment and Instrumentation**

## ***Accelerators Session 1***

The Loop  
Lund, Sweden

## Wednesday 17 September

13:00

### Accelerators Session 1: Absorbers, Free Electron Lasers

**Session** | **Location:** The Loop, Lund, Sweden | **Convener:** Michael Seegitz

13:00–13:20

#### Copper alloy additive manufacturing for SOLEIL II

**Speaker**

Mr Keihan Tavakoli

13:20–13:40

#### ALS BL5.0 photon stop recovery

**Speaker**

Will Hutcheson

13:40–14:00

#### Cryogenic radiometry: a new absorber for X-rays up to 150 keV

**Speaker**

Omar Renzo Piminchumo Marinos

14:00–14:20

#### CBXFEL design, production, assembly, testing and installation status

**Speaker**

Xavier Permanyer

14:20–14:40

#### A new RF-contact spring mechanism for exchangeable cathodes in high brightness guns at DESY

**Speaker**

Frieder Mueller

14:40