

Session Program

15-19 Sept 2025



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

Beamlines Session 2

The Loop
Lund, Sweden

Tuesday 16 September

15:20

Beamlines Session 2: Beamlines and Instruments, End Stations

Session | **Location:** The Loop, Lund, Sweden | **Convener:** Evgeny Nazaretski

15:20–15:40

Research on active feedback control of monochromator crystal angle based on FPGA

Speaker

Jian He

15:40–16:00

Grating mirrors active cooling system design for soft X-ray monochromator

Speaker

Alban Moyne

16:00–16:20

First steps into the operation of the SAPOTI cryogenic nanoprobe at the CARNAÚBA beamline at Sirius/LNLS

Speaker

Vinicius Bomfim Falchetto

16:20–16:40

Recent advances in X-ray microscopy instrumentation developments at NSLS-II

Speaker

Evgeny Nazaretski

16:40–17:00

Development of a Coherent Diffractive Imaging (CDI) Endstation at the SPring-8 II 12XU

Speaker

Bo-Yi Chen

17:00