

Session Program

15-19 Sept 2025



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

Beamlines Session 3

The Loop
Lund, Sweden

Wednesday 17 September

10:20

Beamlines Session 3: Optics, Sample Environment, End Stations

Session | **Location:** The Loop, Lund, Sweden | **Convener:** Renan Geraldès

10:20–10:40

Additive manufacture 3D-printed, metallic X-ray mirror for synchrotron & XFEL facilities

Speaker

Simon Alcock

10:40–11:00

Designing and fine-tuning cryo-cooled silicon monochromator crystals to minimize optical distortions caused by photon-beam heating

Speaker

Pablo Sanchez Navarro

11:00–11:20

2-color pump probe optical delay line

Speaker

Marc Planas Carbonell

11:20–11:40

SPIDER - a Scanning Platform for Imaging and Diffraction with Extreme Resolution

Speaker

Ralph Doehrmann

11:40–12:00

A compact, high throughput SVLS spectrometer for LCLS-II

Speaker

Jean-Pierre Torras

12:00