

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



Monday 15 September 2025 - Friday 19 September 2025

MAX IV Laboratory

Topics and Sessions

BEAMLINES

Beamlines and Instruments

Front Ends

Optics

End Stations

Sample Environments

ACCELERATORS

Storage Rings

Insertion Devices

Magnets

Absorbers

Free Electron Lasers

Neutron Sources

NEW FACILITY DESIGN AND UPGRADE

Status

Quality Assurance and Tracking

Assembly and Installation

SIMULATION

Thermal

Structural

Vibration

FEA methods

PRECISION MECHANICS

Nano-positioning

Stability Issues

Mechatronics

Automation

CORE TECHNOLOGY

Vacuum

Cryogenics

Infrastructures

Big data and AI

Others