

# MEDSI 2006

International Workshop on Mechanical Engineering Design of  
Synchrotron Radiation Equipment and Instrumentation 2006  
May 24–26, 2006 Egret Himeji, Hyogo, JAPAN

Workshop venue :  
Egret Himeji, Hyogo, JAPAN

Date : May 24–26, 2006

Abstract submission and  
Registration :  
January 31, 2006

## Workshop history and scope

The MEDSI workshop started at Swiss Light Source in 2000. The state of the art and outlook were presented on mechanical engineering design of equipments and instrumentation in third generation light sources. It was followed by the second workshop at Advanced Photon Source in 2002 and by the third one at European Synchrotron Radiation Facility in 2004. SPring-8 will host for fourth MEDSI workshop as a satellite meeting of SRI2006, covering the following scopes:

- Novel designs of accelerator and beamline components
- High precision positioning mechanisms
- Vibration and mechanical stability
- High heat load analysis and design
- Opto-mechanical devices
- Insertion devices, front ends and vacuum chambers
- Modelling and experimental validation aspects
- Sample environment specific conditioning
- Automation related mechanics

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