

Session Program

19-22 May 2025



Beamline Optics Design and Simulation Workshop

Special topic

DESY, Building 1b, Room 4ab
Notkestraße 85, 22607 Hamburg

Wednesday 21 May

13:00

Special topic: Mirrors, lenses

Session | **Location:** DESY, Building 1b, Room 4ab, Notkestraße 85, 22607 Hamburg

13:00–13:45

X-ray mirror system design and specification

Speaker

Xianbo Shi

13:45–14:30

CRL design and phase correctors

Speaker

Frank Seiboth

14:30

Thursday 22 May

13:00

Special topic: Grating monochromators

Session | **Location:** DESY, Building 1b, Room 4ab, Notkestraße 85, 22607 Hamburg

13:00–13:40 **Grating design**

Speaker

TBA

13:40

14:30

Special topic: Crystal monochromators, analyzers & other optics

Session | **Location:** DESY, Building 1b, Room 4ab, Notkestraße 85, 22607 Hamburg

14:30–15:00 **Laue crystals - flat and bent**

Speaker

Manuel Sanchez del Rio

15:00–15:20 **Multi-layer monochromators**

Speaker

Manuel Sanchez del Rio

15:20–15:40 **Phase shifters and polarizers**

Speaker

Manuel Sanchez del Rio

15:40–16:00 **Curved analyzers**

Speaker

Xianbo Shi

16:00–16:30 **Multilayer Laue Lenses (MLLs)**

Speaker

Margarita Zakharova

16:30–16:50 **Other simulation softwares**

16:50