Beamline Optics Design and Simulation Workshop

Tuesday 20 May 2025

Beamline design basics and software - Building 1b, Room 4ab (09:00 - 10:45)

time	[id] title	presenter
09:00	[1] Course Introduction and Welcome	SAMADI, Nazanin BAGSCHIK, Kai
09:15	[2] Introduction to SR and Light Sources (IDs, BMs)	SANCHEZ DEL RIO, Manuel
09:45	[3] Hard X-ray beamline design and optics consideration	SHI, Xianbo
10:15	[4] Soft X-ray beamline design and optics consideration	CELESTRE, Rafael

Beamline design basics and software - Building 1b, Room 4ab (11:05 - 12:30)

time	[id] title	presenter
11:05	[8] Methods for beamline simulations (Ray tracing/ Wave optics/HYBRID)	REBUFFI, Luca SHI, Xianbo
11:35	[9] Introduction to Oasys	REBUFFI, Luca
11:50	[10] Introduction to Shadow4	SANCHEZ DEL RIO, Manuel