ESRF
Elettra Sincrotrone Trieste
Software for
Optical
Simulations
Workshop
Trieste,
3rd – 7th October 2016

SOS Workshop

is targeted on just a part of a rich and complex world with several important leading actors :

SYNCHROTRON RADIATION
OPTICAL SIMULATION CODES

The OASYS Project

ESRF
The European Synchrotron

BROOKHAVEN
NATIONAL LABORATORY

Argonne
NATIONAL
LABORATORY

Elettra Sincrotrone Trieste

University *of Ljubljana*
Faculty *of Computer and*
Information Science

SHADOW3

SRW

WISE

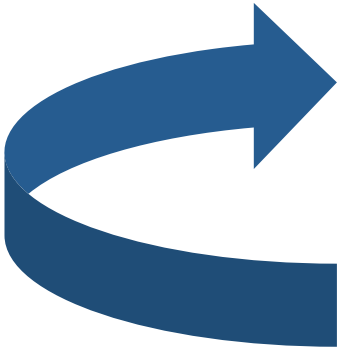
XOP

X-RAY SERVER

SOS Workshop approach

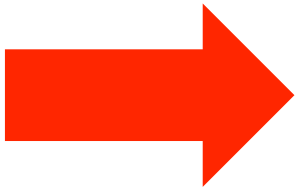
Leading experts in optics for synchrotron and FEL radiation, side by side with authors and developers of state-of-the-art optical simulation software tools, showing their best usage with advanced uses cases.

PROGRAM MODIFICATION



Ray-Tracing and Optical Calculation Tools
Chair: Luca Rebuffi
Room: Budinich Lecture Hall

13:45	Luca Rebuffi *Introduction*
14:00	Prof. Alfonso Franciosi - Elettra President and CEO *Welcome speech*
14:15	Rami Sankari (MAX IV) *Simulations and design for soft-X-ray beamlines at MAX IV*
15:15	Manuel Sanchez del Rio (ESRF) *Simulating hard x-ray beamlines by ray-tracing using ShadowOui*
16:15	*Coffee Break*
16:30	Ruben Reininger (ANL) *Advances in Soft X-Ray beamlines design*
17:30	Sergey Stepanov (ANL) *X-ray Server: dynamical X-ray diffraction on the web. Scope, history, capabilities, and future plans*
18:00	



OASYS Helpdesk
Chair: Luca Rebuffi & Manuel Sanchez del Rio
Room: Adriatico Guest House – Meeting Room

20:00	Luca Rebuffi & Manuel Sanchez del Rio *Installation of OASYS on Mac, Linux and Windows*
22:00	

SOS Sponsors

Thank you and….

…ENJOY **Trieste**!!!!

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