

Programme

Thursday, 16 December 2010

08:15 – 09:00 Registration

09:00 – 09:30 General Session

Chair: F. Parmigiani

09:00 Welcome by Organizers

A. Franciosi / Elettra, Trieste
S. Molodtsov European XFEL, Hamburg

09:05 European XFEL Overview

M. Altarelli European XFEL, Hamburg

09:30 – 11:15 Soft X-Ray Instrumentation at the European XFEL

Chair: Th. Tschentscher

09:30 SASE 3 Undulator

E. Gluskin European XFEL, Hamburg

09:50 Polarization Options

M. Yurkov DESY, Hamburg

10:10 Soft X-ray Beamline Optics

J. Gaudin European XFEL, Hamburg

10:35 SQS Instrument: Layout Concepts

M. Meyer European XFEL, Hamburg

11:00 SCS Instrument: Layout Considerations

S. Molodtsov European XFEL, Hamburg

11:15 – 11:30 Coffee Break

11:30 – 13:05 SCS 1 (Spectroscopies)

Chair: S. Molodtsov

11:30 Electron-Phonon Interactions -
Science Drivers for Spectroscopy at FLASH

M. Beye HZB, Berlin

12:05 Spectroscopy Studies at the SXR beamline at LCLS

W. Wurth Hamburg University

12:40 "Villigen" WG1 Updated Report

W. Wurth Hamburg University

13:05 – 14:30 Lunch Break

14:30 – 16:05 SQS 1 (Atoms, Molecules & Clusters)

Chair: M. Meyer

14:30 Ultrafast Molecular Dynamics Using the FLASH FEL

M. Vrakking MBI, Berlin

15:05 Recent Results from the AMO Beamline at LCLS

D. Rolles CFEL, Hamburg

15:40 "Aarhus" WG 1 Updated Report

Th. Möller TU Berlin

16:05 – 16:50 Coffee Break and Poster Session

16:50 – 18:25 SCS 2 (Imaging, Dynamics & PCS: Bio & Nano Objects)

Chair: M. Kiskinova

16:50 Coherent Diffractive Imaging of Fixed Target
Samples at FLASH

A. Mancuso European XFEL, Hamburg

17:25 Illuminating Nanoscale Complexity with Ultrafast
X-ray Lasers

M. Bogan SLAC, Stanford

18:00 „Villigen“ WG 2 Updated Report

H. Chapman CFEL, Hamburg

19:00 Workshop Dinner

Programme

Friday, 17 December 2010

09:00 – 10:35 SQS 2 (Ion Traps & Beams)

Chair: J. Ullrich

09:00	Results Soft X-Ray Studies with Atomic and Molecular Ion Targets at Free Electron Lasers	A. Wolf	MPI, Heidelberg
09:35	Exploring New Regimes of X-Ray Multiphoton Processes at LCLS	O. Gessner	LBNL, Berkeley
10:10	„Aarhus“ WG 2 Updated Report	H. Pedersen / J. Crespo	Aarhus University MPI, Heidelberg

10:35 – 10:50 Coffee Break

10:50 – 12:25 SCS 3 (Imaging, Dynamics & PCS: Magn. Systems)

Chair: Ch. Schüßler-Langeheine

10:50	Resonant Magnetic Scattering and Imaging at FLASH	Ch. Gutt	DESY, Hamburg
11:25	A First Glimpse into Ultrafast Nanoscale Dynamics on the SXR Instrument at LCLS	B. Schlotter	SLAC
12:00	„Villigen“ WG3 Updated Report	G. Grübel	DESY, Hamburg

12:25 – 12:40 Coffee Break

12:40 – 14:00 Summary Session

Chair: J. Hastings

12:40	General Discussions & Remaining Issues	W. Wurth, Th. Möller, H. Chapman, H. Pedersen, J. Crespo, G. Grübel
13:55	Conclusive Remarks	S. Molodtsov

14:00 Lunch