

02 June, 2009

Arrival at Paul Scherrer Institut, PSI West, Auditorium

12:00 – 14:00 Registration

Introduction Session, Auditorium

Chair: R. Abela

14:00 – 14:05 Welcome by Organizers (R. Abela, PSI Villigen)

14:05 – 14:25 Status of the European XFEL Project (M. Altarelli, European XFEL Hamburg)

14:25 – 14:40 Start-up Boundary Conditions for the SCS Instrument (S. Molodtsov, European XFEL Hamburg)

14:40 – 14:55 Detectors Developments (H. Graafsma, European XFEL Hamburg)

14:55 – 15:10 Expected Properties of Radiation from SASE3 Undulator (M. Yurkov, DESY Hamburg)

15:10 – 15:25 Circular Polarisation at SASE3 (Y. Li, European XFEL Hamburg)

15:25 – 15:40 Light Monochromatization Options at the SASE3 beamline (J. Gaudin, European XFEL Hamburg)

15:40 – 16:00 Coffee break

Session I, Auditorium

Chair: M. Kiskinova

Photon-in/Photon-out & Electron-out Spectroscopic Experiments

16:00 – 16:30 Soft X-Ray Spectroscopies at FLASH (A. Föhlisch, Uni Hamburg)

16:30 – 17:00 RIXS from 3rd to 4th Generation Experiments (Th. Schmitt, PSI Villigen)

17:00 – 17:30 Time-Resolved Photoemission of Solids (M. Wolf, FHI Berlin)

17:30 – 18:00 Spectroscopic Studies of Complex Materials with Soft X-Rays (Z. Hussain, ALS Berkeley)

18:00 – 18:30 X-Ray Spectra, Electronic Structure and Correlation Effects in FeAs-Superconductors (E. Kurmaev, IMP RAS Yekaterinburg)

19:00 Bus transfer to Hotel Schloss Böttstein and Parkhotel Zurzach at bus stop PSI West

Dinner on your own

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Session II, Auditorium

Chair: G. Faigel

Imaging, Dynamics & Photon Correlation Spectroscopy I

09:00 – 09:30 Imaging of Non-Reproducible Cells with Single Pulses (H. Chapman, CFEL Hamburg)

09:30 – 10:00 2D Membrane Flash Crystallography at Future XFEL Sources (C. Kewish, PSI Villigen)

10:00 – 10:30 Time-Resolved Imaging of Magnetic Domains (S. Eisebitt, TU Berlin)

10:30 – 11:00 Magnetic and Orbital Correlations in Space and Time (S. Kevan, Uni of Oregon)

11:00 – 11:15 Coffee break

Session III, Auditorium

Chair: Th. Tschentscher

Imaging, Dynamics & Photon Correlation Spectroscopy II

- 11:15 – 11:45 Ultrafast laser induced magnetization dynamics (A.V. Kimel, Uni Nijmegen)
- 11:45 – 12:15 Nonlinear Multidimensional X-ray Spectroscopy of Molecules (S. Mukamel, Uni of California Irvine)
- 12:15 – 12:45 Time-Resolved Resonant X-Ray Scattering Experiments (A. Cavalleri, CFEL Hamburg)
- 12:45 – 13:15 Ultrafast Resonant Magnetic Scattering at the Free Electron Laser FLASH (Ch. Gutt, DESY Hamburg)

13:15 – 14:15 Lunch at PSI Restaurant OASE

Session IV, Auditorium

Definition of Working Groups (WGs)

- 14:15 – 14:20 Definition of Working Groups and Their Tasks (S. Molodtsov, European XFEL Hamburg)
- 14:20 – 14:30 Guidelines for Internal Session of WG I “Photon-in/Photon-out & Electron-out Spectroscopic Experiments” (Chairs W. Wurth & Z. Hussain)
- 14:30 – 14:40 Guidelines for Internal Session of WG II “Imaging, Dynamics & Photon Correlation Spectroscopy: Biological Objects” (Chair I. Schlichting & I. Vartanants)
- 14:40 – 14:50 Guidelines for Internal Session of WG III “Imaging, Dynamics & Photon Correlation Spectroscopy: Magnetic Systems” (Chair G. Grübel & J. Luning)

Session V, meeting rooms: Auditorium, WSLA/008, Vakuumlabor (OBEA)

Working Groups

15:00 – 16:30 WG I - III (WG Chairs)

16:30 – 16:45 Coffee break

Session VI, meeting rooms: Auditorium, WSLA/008, Vakuumlabor (OBEA)

Working Groups

16:45 – 18:15 WG I - III (WG Chairs)

19:00 – 22:00 Workshop dinner at PSI restaurant OASE

22:00 Bus transfer to Hotel Schloss Boettstein and Parkhotel Zurzach

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Session VII, meeting rooms: Auditorium, WSLA/008, Vakuumlabor (OBEA)

Working Groups

09:00 – 11:00 WG I – III, including draft of working group report (WG Chairs)

11:00 – 11:30 Coffee break at the Auditorium

Session VIII, Auditorium

Summary of Working Groups

- 11:30 – 11:45 Presentation by WG I (group Chair)
- 11:45 – 12:00 Presentation by WG II (group Chair)
- 12:00 – 12:15 Presentation by WG III (group Chair)
- 12:15 – 12:30 Summary of the Workshop (S. Molodtsov, European XFEL Hamburg)

13:00 – Lunch at PSI Restaurant OASE

Departure