

Programme

Wednesday, 09 December 2009

12:00 – 13:20	Registration (Lunch on your own)		
13:20 – 13:30	Welcome and Opening	Gyula Faigel	
13:30 – 15:00	Project Status Reports	Chair: D. Nagy	
13:30	Overview of the European XFEL Project / Overview of the SASE 2 instruments	T. Tschentscher	European XFEL
14:00	Optical afterburner for an X-ray FEL as a tool for pump-probe experiments	E. Schneidmiller	DESY
14:30	Design and Status of the XPP Instrument at LCLS	D. Fritz	LCLS
15:00 – 16:30	Solid State Dynamics	Chair: G. Faigel	
15:00	Time domain experiments in correlated matter	P. v. Loosdrecht	Groningen University
15:30	Femtosecond X-ray Diffraction on Nanoscale Systems	M. Bargheer	Potsdam University
16:00	Structural Dynamics in thin films	R. Feidenhans'l	Copenhagen University
16:30 – 17:00	Coffee Break		
17:00 – 18:30	Structural Chemistry and Biochemistry	Chair: T. Tschentscher	
17:00	Chemical applications of time-resolved : crystallography: now and in future years	P. Coppens	Buffalo University
17:30	Ultrafast Chemistry	L. X. Chen	ANL, Argonne
18:00	Ultrafast X-ray Scattering in Liquids and Gases: From diatomic molecule to proteins	H. Ihee	KAIST, Deajon
19:00	Dinner for speakers and participants		

Thursday, 10 December 2009

09:00 – 12:30	Breakout Session I: XRD	Chairs: M. Bargheer, S. L. Johnson
09:00 – 10:30	featuring 6 selected talks on special topics (tba)	
10:30	Coffee Break	
11:00 – 12:15	Discussion of Instrument Parameters	Chairs: M. Bargheer, S. L. Johnson
09:00 – 12:30	Breakout Session II/III: XAS/XES/IXS	Chairs: P. Glatzel, A. Soldatov
09:00 – 10:45	featuring 9 selected talks on special topics (tba)	
10:45	Coffee Break	
11:15 – 12:15	Discussion of Instrument Parameters	Chairs: P. Glatzel, G. Vanko, A. Soldatov, D. Grolimund
12:30 – 13:30	Lunch	

Thursday, 10 December 2009

14:00 – 16:00	Session on XES/IXS	Chair: P. v. Loosdrecht	
14:00	Hard X-Ray Emission Spectroscopy: Instrumentation and Applications	P Glatzel	ESRF
14:30	Molecular Dynamics Studied with Ultrafast X-ray Spectroscopy	K. Gaffney	Stanford
15:00	Femtosecond x-ray scattering and absorption studies of atomic-scale dynamics in materials	A. Lindenberg	SLAC, Stanford
15:30	Femtosecond X-Ray Diffraction Theory	B. Adams	ANL, Argonne
16:00 – 16:30	Coffee Break		
16:30 – 18:00	Session on XRD/XAS	Chair: H. Ihee	
16:30	Structural Tracking of Chemical Reactions in Solution by Time-Resolved X-Ray Scattering	M. M. Nielsen	NBI, Copenhagen
17:00	Studying non-equilibrium structural dynamics with femtosecond x-ray diffraction	S. L. Johnson	SLS
17:30	Time-resolved 3D atomic structure: advanced XANES analysis	A. Soldatov	Rostov University
18:00 – 19:00	First Discussion on Instrument Parameters	Chair: T. Tschentscher	
20:00	Workshop Dinner		

Friday, 11 December 2009

09:00 – 10:00	Breakout Session Leaders Meeting for Report Drafting		
10:00 – 12:00	Reports and Discussion	Chair: C. Bressler	
10:00 – 10:15	Work Group I: XAS	A. Soldatov, D. Grolimund	
10:15 – 10:30	Work Group II: XES/IXS	P. Glatzel, G. Vanko	
10:30 – 10:45	Work Group III: XRD	M. Bargheer, S. Johnson	
10:45 – 11:00	Short Coffee Break		
11:00 – 12:00	Discussion of Instrument Parameters	Chair: C. Bressler	
12:00	End of Workshop		