XBSD for SCS/SQS at SASE3

European XFEL

30 January 2014, DESY campus, Building 61, University Auditorium, Hamburg

Organizers: Andreas Scherz, Michael Meyer, Manuel Izquierdo

The SQS and SCS instruments are organizing a joint satellite workshop for the integration of a soft X-ray beam split and delay (XBSD) line at the 2014 European XFEL Users' Meeting in Hamburg. The workshop aims at bringing together the user community in order to help in defining the scientific scope and requirements for such a device.

Programme

Time	Title	Speaker	Affiliation
14:00	**Welcome**	S. Molodtsov	XFEL.EU
14:05–16:00	**Split Delay Developments at FELs**		
14:05	**XBSD concept for SASE3 @ XFEL.EU**	M. Izquierdo	XFEL.EU
14:20	**Design and principle of operation of a Soft X-ray Self Seeding Monochromator**	S. Serkez	DESY
14:35	**Design and first experiences of the split and delay set-up at LCLS**	E. Kukk	Uni Turku
14:55	**Beam splitting and delay line system at FERMI@Elettra**	N. Mahne	FERMI
15:15	**Spectroscopy with two x-ray pulses / Tailoring the photon beam for non-linear spectroscopy in solids**	W. Wurth / M. Beye	Uni-Hamburg / HZB
16:00	**Coffee Break**		
16:15–18:30	**Science case and XBSD requirements at XFEL.EU/SASE3**		
16:15	**Prospects on stimulated x-ray Raman scattering in the gas phase with XFEL radiation**	N. Rohringer J.E. Rubensson	CFEL / Uni Uppsala
17:00	**Delay-line XPCS / Some thoughts on X-ray pump-probe stimulated Raman scattering**	G. Grübel B. Patterson	DESY / PSI
17:45	**Imaging ultrafast cluster dynamics / Time resolved coincident Momentum Imaging at XFEL**	T. Möller M.Schoeffler	TU Berlin / Uni Frankfurt
18:30-18:45	**Discussion/Summary of the XBSD at SASE-3**	A. Scherz	XFEL.EU
18:45	**Closeout / Adjourn**		