

Programme

Monday, 12 September 2016

12:30–13:15	Registration		
13:15–13:30	Opening Session		
13:15	Welcome / Scope of the workshop	McMahon/Zastrau	U Edinburgh/European XFEL
13:30–15:30	Showcase experiments & requirements I	Chair: R. Cauble	
13:30	Requirements for X-ray diffraction (XRD)	R. Briggs	<i>ESRF</i>
13:55	XRD in transverse geometry	A. Higginbotham	<i>U York</i>
14:20	Time-delayed multiple shocks	D. Kraus	<i>HZDR</i>
14:45	Counter-propagating shocks	S. Glenzer	<i>SLAC HED</i>
15:10	<i>discussion</i>		
15:30–16:00	Coffee break		
16:00–18:00	Showcase experiments & requirements II	Chair: T. Tschentscher	
16:00	Phase Contrast Imaging (PCI) of HED states	A. Schropp	<i>DESY Hamburg</i>
16:25	Spectroscopy-type Experiments (IXS, XES, RIXS...)	K. Falk	<i>ELI Beamlines</i>
16:50	XANES & Requirements	M. Harmand	<i>IMPMC–UPMC–CNRS</i>
17:40	<i>discussion</i>		
18:00	Visit experimental hall and HED instrument area . In three consecutive groups		
19:00	Reception (barbeque at XFEL Schenefeld)		

Tuesday, 13 September 2016

10:00–12:15	Laser requirements and properties	Chair: G. Priebe	
10:00	Experience from MEC at LCLS	R. Smith	<i>LLNL</i>
10:30	<i>discussion</i>		
11:00	Properties of the high-energy laser	T. Butcher	<i>CLF / STFC</i>
11:30	Frequency conversion, VISAR, pulse shaping, PP	Z. Konopkova	<i>European XFEL</i>
12:00	<i>discussion</i>		
12:15–14:00	Lunch break (“Schnittchen”) in room E1.172		
14:00–16:00	Experimental environment at HED baseline	Chair: M. McMahon	
14:00	X-ray properties at HED instrument	U. Zastrau	<i>European XFEL</i>
14:30	IC1 properties, beam transport, geometries	M. Nakatsutsumi	<i>European XFEL</i>
15:00	X-ray detectors provided by HED baseline	S. Göde	<i>European XFEL</i>
15:30	<i>discussion</i>		
16:00–16:30	Coffee break		
16:00–18:00	Experimental environment by HIBEF	Chair: U. Zastrau	
16:00	Introduction into HIBEF & detector bench	C. Baehtz	<i>HZDR Dresden</i>
16:30	Overview about DAC setup	H.-P. Liermann	<i>DESY Hamburg</i>
17:00	Proposal for “Interaction Chamber 2”	J. Eggert	<i>LLNL</i>
17:30	<i>discussion</i>		
19:00	dinner (Restaurant Klövensteen, Schenefeld, 20 min walk from XFEL) – self-payer		

Wednesday, 14 September 2016

9:00	Comparison of different target chamber concepts	M. McMahon	<i>U. Edinburgh</i>
10:00	<i>Final discussion on changes to the CDR</i>		
11:00	Summary, closing remarks	U. Zastrau	<i>European XFEL</i>
11:30	For HP4-attencences: transfer to DESY campus		