European XFEL Users' Meeting — Satellite meeting:

Current status and future completion at the HED instrument and the HIBEF contributions

28.1.2020 / E1.173
Headquarters, European XFEL, Holzkoppel 4, 22869 Schenefeld

The half-day workshop on the HED instrument and the HIBEF User Consortium will take place in the large seminar room E1.173 at the European XFEL headquarter building in Schenefeld. You will hear status updates of different experimental setups, which came online in the last month, and perspectives of the HED instrumentation also in view of beamtime application for upcoming runs. After a coffee break, the second part of the afternoon will concentrate on HiBEF UC contributions with special emphasis on theHigh-Energy laser DIPOLE, which will be installed and commissioned in 2020, and diagnostic tools used in shock compression experiments. In addition, status of the TW laser and planned first commission experiments will be represented. We plan for a reception in the "BeamStop" in the evening.

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Tue. 28 January 2020 – EuXFEL XHQ E1.173			
13:30-16:00	**User operation at HED**		
13:30	Status of HED in 2019	U. Zastrau	European XFEL
14:00	Resolving low-frequency structural dynamics at the HED scientific instrument	L. Wollenweber	European XFEL
14:20	Simultaneous high pressure and high temperature XES and XRD measurements at HED	J. Kaa	European XFEL
14:40	Focus characterization in IC 1	M. Makita	European XFEL
15:10-15:30	*Coffee break*		
15:30-19:00	**General HIBEF UC assembly**		
15:30	Status of the HIBEF project	T. Cowan	HZDR
16:00	Dipole	T. Butcher	STFC
16:20	HIBEF contributions from LANL	C. Bolme	LANL
16:40	New VISAR at LULI 2000	L. Meignien	LULI
17:00	XANES at XFELs	M. Harmand	IUPMC
17:20	High-precision x-ray polarimetry at HED	K.S. Schulze	HIJ
17:40	Summary of the High-Intensity Laser experiments workshop	T. Toncian	HZDR
17:50	Route map to first DIPOLE experiments	M. McMahon	Edinburgh
18:30	*Light dinner in Beamstop*		

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