

European XFEL Users' Meeting — Satellite meeting:

Early science at High Energy Density (HED) instrument and status of HIBEF contributions



Tue. 22.01.2019 / XHQ E1.173

Headquarters, European XFEL, Holzkoppel 4, 22869 Schenefeld

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The half-day workshop on the HED instrument and the HIBEF UC will take place in the large seminar room E1.173 at the European XFEL headquarter building in Schenefeld. In the morning, smaller meetings and tours of the experimental hall and the HED instrument are possible upon request to interested colleagues. After lunch in the foyer of EuXFEL, you will hear status updates and perspectives of the HED instrument, in preparation for the next call for proposals in late spring 2019. After a coffee break, the second part of the afternoon will concentrate on HIBEF UC contributions with special emphasis on the TW laser which will become available to users in 2020. We plan for a reception in the foyer in the evening.

As of 02.01.2019

Tuesday, 22 January 2019			
time			
13:00	Welcome	U. Zastrauf	European XFEL
13:10	Status of the HED instrument in 2019	K. Appel	European XFEL
13:35	Experimental environment with optical lasers in 2020	M. Nakatsutsumi	European XFEL
14:00	HED science: Experiments using x-ray heating	T. Preston	European XFEL
14:30	HED science: Surface dynamics of solids upon high-intensity laser irradiation investigated by grazing incidence X-ray scattering	L. Randolph	Univ. Siegen
15:00 – 15:30 Coffee break			
15:30 – 18:30 Status of the HIBEF UC			
15:30	Introduction and overview of the HIBEF project	T. Cowan	HZDR
16:00	News from Interaction Area 2	C. Strohm	DESY
16:30	Current status of the HIBEF optical lasers	T. Toncian	HZDR
17:00	Road map to first day short-pulse laser experiments	A. Pelka	HZDR
17:30	The High Power Laser Facility at ESRF: an update on the commissioning of the 15 J Front End laser	S. Pascarelli	ESRF
17:50	Road map to first day DIPOLE experiments	J. Wark	University of Oxford
18:30	Light dinner		
20:00	Closed HIBEF SAC-TAC meeting		