

# Status and Science at HED instrument and of the HIBEF UC

28 January 2016, DESY campus, Building 90, Seminar Room ZOQ

Organizers: Carsten Bähitz, Ulf Zastrau

The workshop on the HED instrument and the HIBEF UC is organized as a satellite of the 2016 European XFEL Users' Meeting. We will present the current status of the HED instrument with emphasis on the expected setups and early user experiments. Further the status of the HIBEF project in general are presented and linked to the schedule of the HED installation. The recent activities in the US and at DESY are presented. Talks will give an overview of planned instrumentation and science at HED as well as recent achievements at the LCLS.

## Programme

### Thursday, 28 January 2016

14:00	<b>HED instrument - Early parameters</b>	<b>Ulf Zastrau</b>	<i>European XFEL</i>
14:20	<b>Status of HIBEF</b>	<b>Carsten Bähitz</b>	<i>HIBEF, HZDR</i>
14:40	The US HIBEF Consortium	Bob Cauble	<i>LLNL</i>
15:00	Conceptual design of the DAC-setup at HIBEF	Hans-Peter Liermann	<i>ECB, DESY</i>
<b>15:20</b>	<b>Coffee Break</b>		
15:50	The single-shot incident spectrometer at HED	Bolun Chen	<i>Chinese Acad. of Sciences</i>
16:10	Ion dynamics using highest-resolution inelastic x-ray scattering	Ingo Uschmann	<i>Universität Jena</i>
16:30	Transverse Diffraction Setup at LCLS: Shock Compressed Silicon	Emma McBride	<i>European XFEL/SLAC</i>
16:50	Dynamic warm dense matter research using XFELs	Dominik Kraus	<i>UC Berkeley</i>
17:10	Recent results from the HED group at MEC, LCLS	Siegfried Glenzer	<i>SLAC/Stanford University</i>
<b>17:30</b>	<b>Adjourn / Informal discussions</b>		

Registration at [www.xfel.eu/2015-users-meeting](http://www.xfel.eu/2015-users-meeting)