

Satellite Meeting

DAC setup at the HED instrument of the European XFEL

European XFEL and Photon Science Annual User Meeting

January 26th 2016,

Room 459, Bldg. 30b

DESY, Hamburg

Tentative Schedule

| Tuesday 26 th 2016 | | |
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| Session 1: Science with the Dynamic Compression DAC and the dsDAC at the HED Chair: H. P. Liermann | | |
| 13:00 – 13:15 | Welcome | C. Schroer (DESY) / C. Baehtz (HIBEF) |
| 13:15 – 13:30 | Introduction and scope of the workshop | H. P. Liermann (DESY) |
| 13:30 – 14:00 | Science with dynamic drive DACs | E. McBride (European XFEL, LCLS) |
| 14:00 – 14:15 | Coffee Break | |
| 14:15 – 14:45 | Science with the double stage DAC | Z. Konopkova (DESY) / L. Dubrovinsky (BGI) |
| 14:45 – 15:15 | Fast physico-chemical transformations in DAC using pulsed laser heating and irradiation | A. Goncharov (GL) |
| 15:45 – 16:15 | WDM science in the DAC | S. McWilliams (University of Edinburgh) |
| 16:15 – 16:45 | Discussion: Science of first experiments for the DAC setup at the HED instrument and technical requirements | H. P. Liermann |
| 16:45 – 17:00 | Coffee Break | |

Session 2: Conceptual Design of the DAC setup at the HED Instrument

Chair: C. Baehtz

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| 17:00 – 17:30 | Status of the HED instrument at the European XFEL | U. Zastra / K. Appel (XFEL) |
| 17:30 – 18:15 | Conceptual design of the DAC setup at the HED | H. P. Liermann |
| 18:15 – 19:00 | Discussion | C. Baehtz |
| 19:00 – 21:00 | Off side dinner TBD | (self-payer) |