

# European XFEL Users' Meeting — Satellite meeting: Karabo and Data Analysis Workshop (CAS)

Tuesday, 23 January 2018 - FLASH Seminar room  
Building 28c, DESY, Notkestrasse 85, 22607 Hamburg

The data analysis workshop is split into two parts, which can be attended independently (or both together).

The morning session offers a hands-on workshop introducing the Jupyter Notebook for which we invite participants to bring laptops. No prior knowledge of Jupyter is required, although some basic Python knowledge will be useful.

The afternoon session provides an overview of experiment control, and online and offline data analysis provision at European XFEL in Karabo, and introduces particular tools and aspects in more detail.

Organiser: Hans Fangohr

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Tuesday, 23 January 2018			
10:00	<b>Welcome - Morning session</b>	H. Fangohr	European XFEL
10:05	Introduction to Jupyter Notebook – session I	T. Kluyver	Jupyter Developer Team
11:15	<b>Coffee break</b>		
11:30	Introduction to Jupyter Notebook – session II		
13:00	<b>Lunch</b>		
14:00	<b>Welcome - Afternoon session</b>	S. Brockhauser	European XFEL
14:05	Introduction to Karabo	<i>N.N.</i>	
14:20	Overview to data analysis infrastructure	H. Fangohr	European XFEL
14:30	Detectors and calibration	S. Hauf	European XFEL
15:15	<b>Coffee break</b>		
15:45	Online and Offline data analysis at European XFEL	T. Michelat	European XFEL
16:30	Discussion	S. Brockhauser	European XFEL
17:00	Close		