



## Automated high repetition rate sample delivery for single shot experiments

Monday, 25 January 2021 – 14:00 – 17:30

**Online Venue - Virtual Event**

This workshop will focus on strategies to standardize and simplify sample handling and delivery with the goal of an automated high repetition rate sample delivery for solid samples.

In the first session the Sample Environment and Characterization group will present the concept of a unified sample workflow and the planned implementations at the instruments of the EuXFEL. There will be the opportunity to present existing and intended solutions from other facilities.

The second session is planned to be an open discussion round to collect the demands and ideas of the users and collaborators. Participants are encouraged to give short presentations (~5 min) as kick starters for the debate.

Organiser: Carsten Deiter  
Joachim Schulz

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Date			
time			
14:00	Welcome & Introduction	J. Schulz	European XFEL
14:15	Target delivery and analysis requirements at HED instrument	M. Makita	European XFEL
14:30	Single Shot Experiments at the SCS instrument	G. Mercurio	European XFEL
14:45	High repetition rate target delivery at the ELIMAIA beamline	L. Giuffrida	ELI beamlines
15:00	The Unified Sample Workflow at the EuXFEL	C. Deiter	European XFEL
15:30	Coffee break & collection of questions in the zoom chat for the open discussion	All participants	
15:45	Open discussion	All participants	
No later than 17:30	Closing remarks	J. Schulz C. Deiter	European XFEL