

News from the European XFEL User Organization.

Marc SIMON

Vice-chairperson of the European XFEL UOEC

Laboratoire de Chimie Physique – Matière et Rayonnement
CNRS & Sorbonne University
Paris, France



SCIENCES
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https://www.xfel.eu/users/user_organization/index_eng.html

User Organisation Executive Committee (UOEC) Current Members



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Queen's Uni. Belfast
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HED



Marc Simon
CNRS & Sorbonne Uni.
Vice-Chair
SQS



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SQS



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MPSD
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Giulia Fulvia Mancini
Uni. Pavia
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Giacomo Baldi
Uni. Trento
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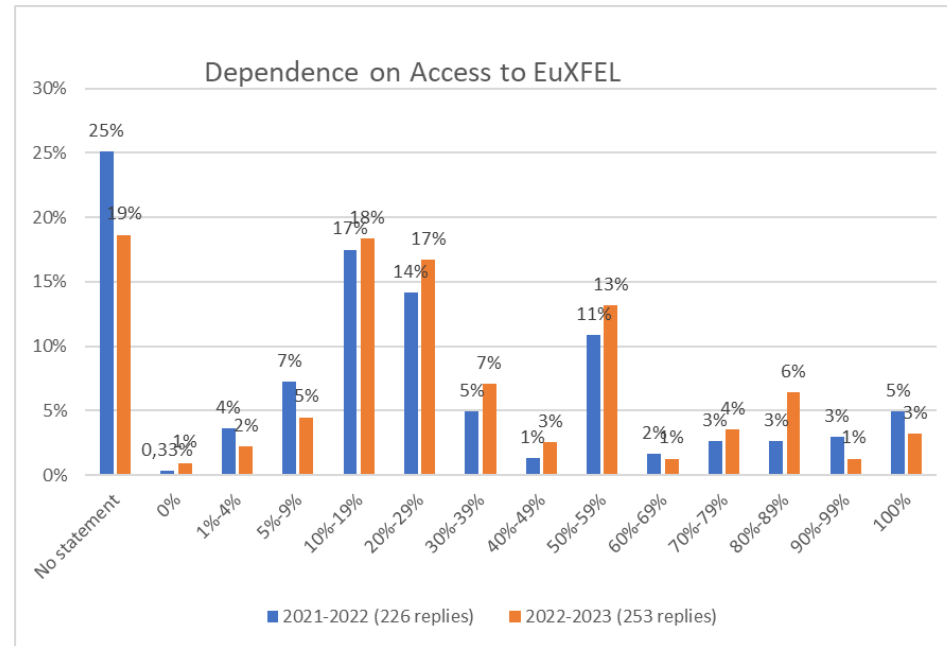
- Elections took place 10th January 2023 and were announced at the 2023 User's Meeting.
- The next election cycle begins with nomination in late 2024, and announcement of the results at the 2025 User's Meeting.

A responsibility of the UOEC is the Users Survey. Thank you for your participation !

Invitations sent 3158
 (current members of the EuXFEL User Organization following Charter)
 Opted out 25
 Submissions 311

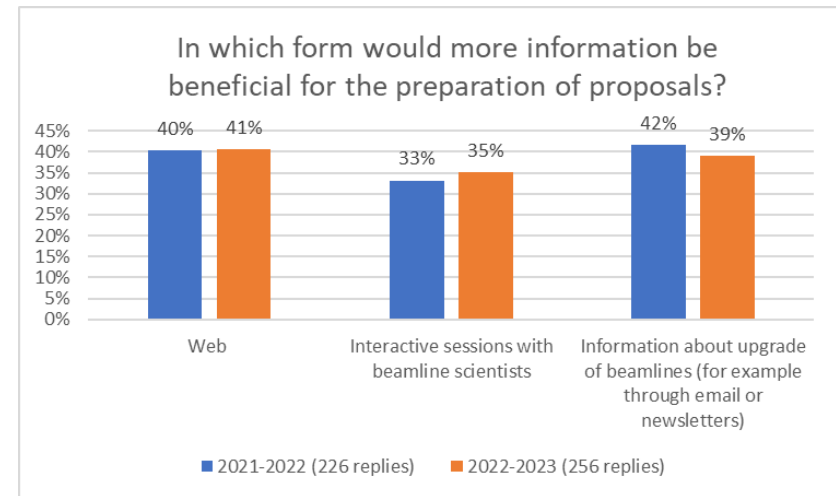
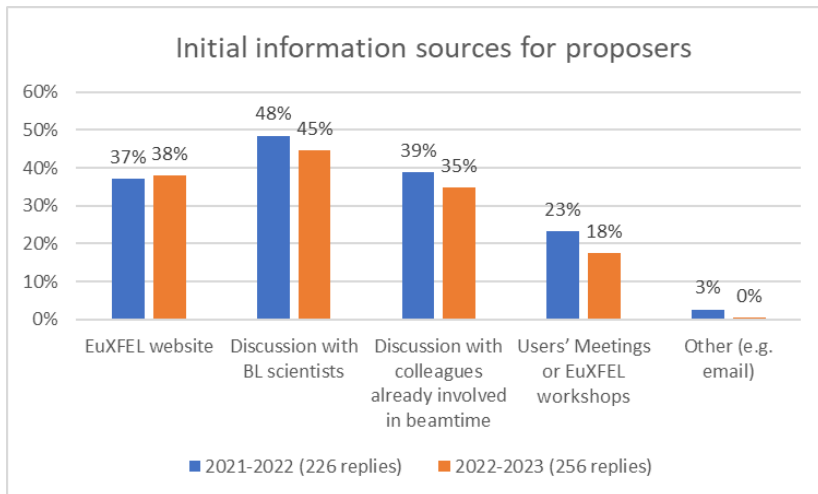
Involvement in research at EuXFEL	2023 (total 311 submissions)
Users in beamtime	226
Main Proposers	81
PIs	65
Co-proposers	110
Co-authors of publications with EuXFEL data	95
No statement	55

To which degree is your research activity dependent on access to the European XFEL facility?

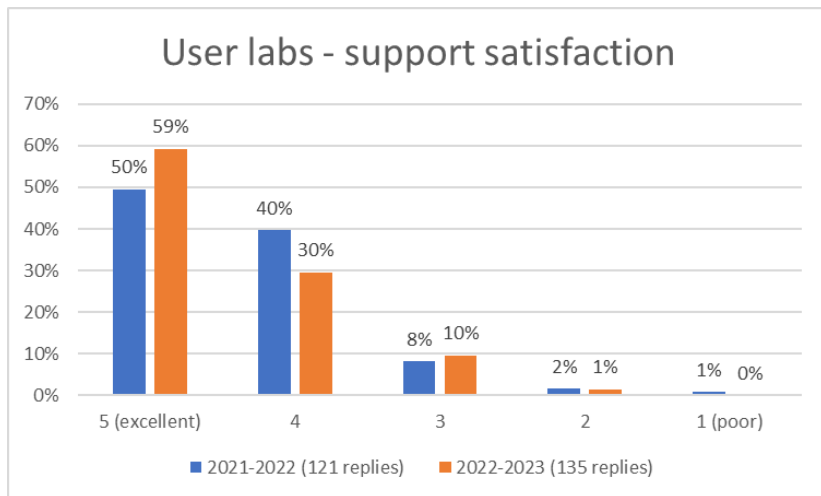


If you submitted as main proposer or principal investigator, how did you receive **initial information for the preparation of your proposal over the last two years?**

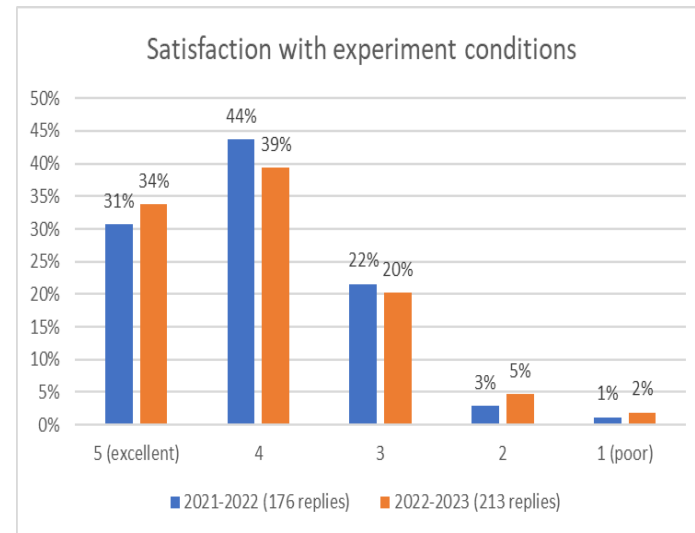
Would receiving **more information about the facility** be beneficial for the preparation of your proposals? If yes, in which form?



Satisfaction with **users lab** ?



How do you rate the **experimental conditions during beamtime** in the last two years?



Did you encounter **any major problem** or bottleneck during beamtime in 2022/2023?

Beam down/vacuum problems leading to lost beamtime in summer 2022

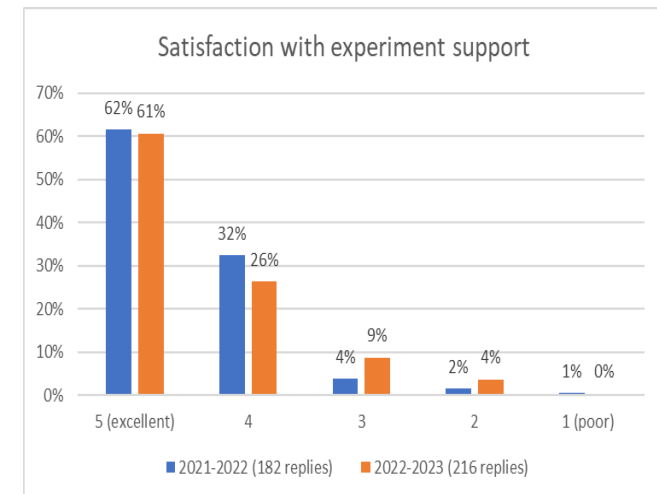
The X-ray beam/sample interaction (=exploding jet) remains a significant issue for X-ray scattering experiments. The data reduction pipeline for X-ray scattering is...challenging to work with.

"The organization of the beam line is cumbersome, too many experiments rolling in and out, too many staff members involved in the beam time: few of them really know all the technicalities and can run the experiment on their own. The main pp Laser has very little tunability: this is a major bottleneck for innovative experiments."

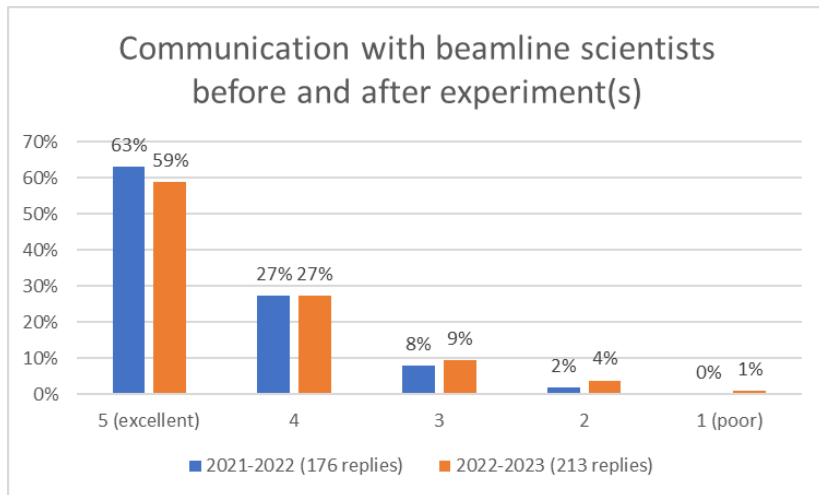
Cancelled beamtime, poor beam performance in any special mode (SASE2 HED seeded), calibration pipeline slowdown when another beamline submits an AGIPD run.

..... And many others to be analyzed!

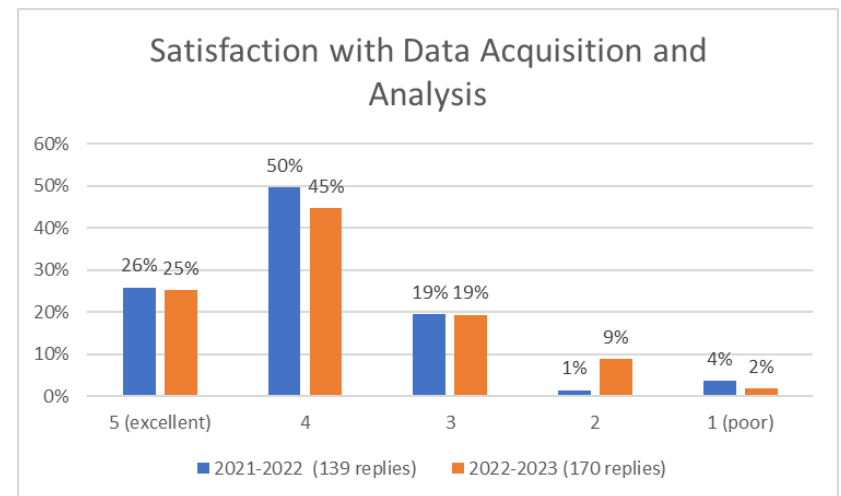
How do you rate the **support received during recent experiment(s)**?



How do you rate the **communication with beamline scientists** before and after experiment(s) in the last two years?

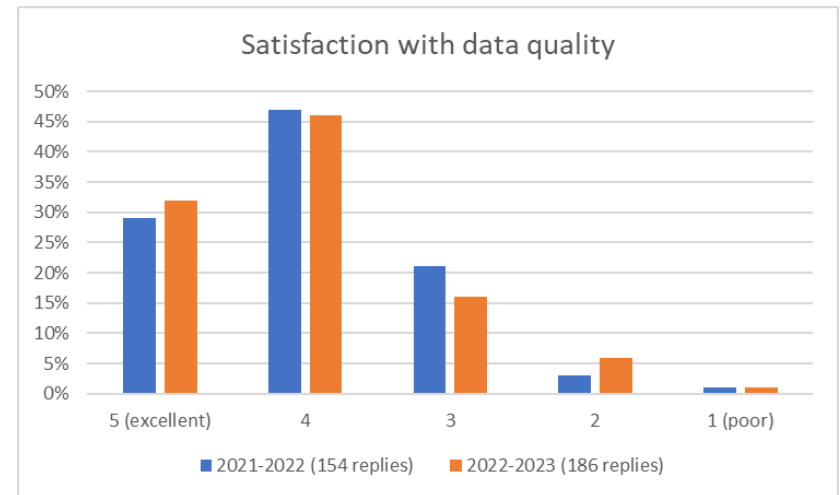
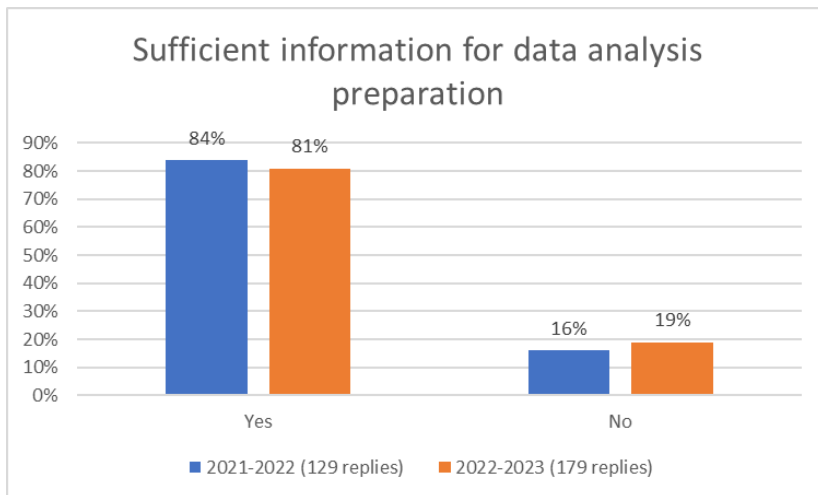


If you have been involved in **data acquisition and analysis** in the framework of an experiment in the last two years, please rate your level of satisfaction with the performance in this respect.



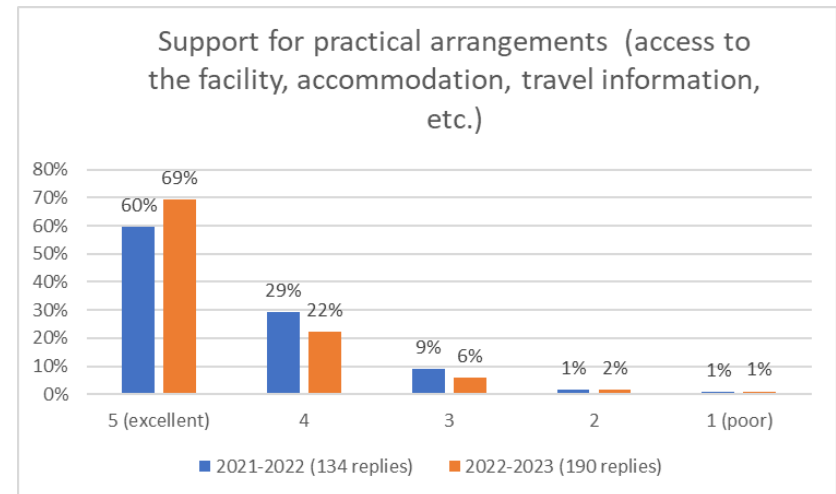
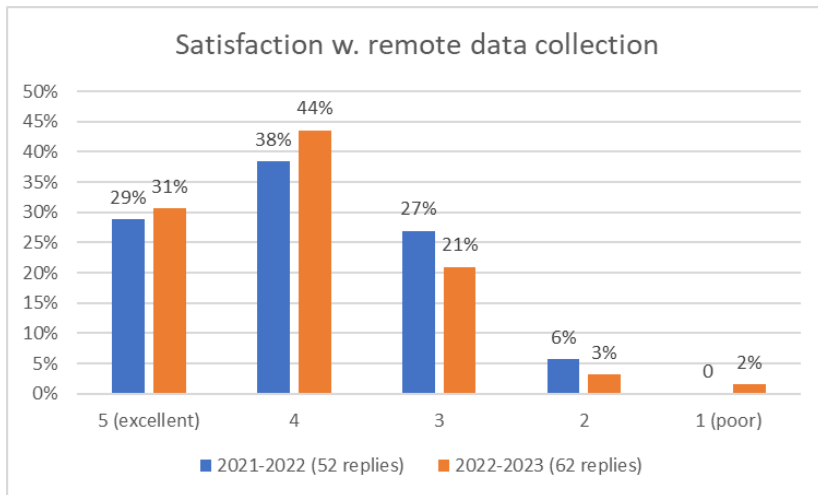
During the preparation of the beamtime in 2022/2023, did you **receive sufficient information to prepare your data analysis?**

Please rate your **level of satisfaction with the quality of your data** for experiments conducted in 2022/2023? (186 replies)



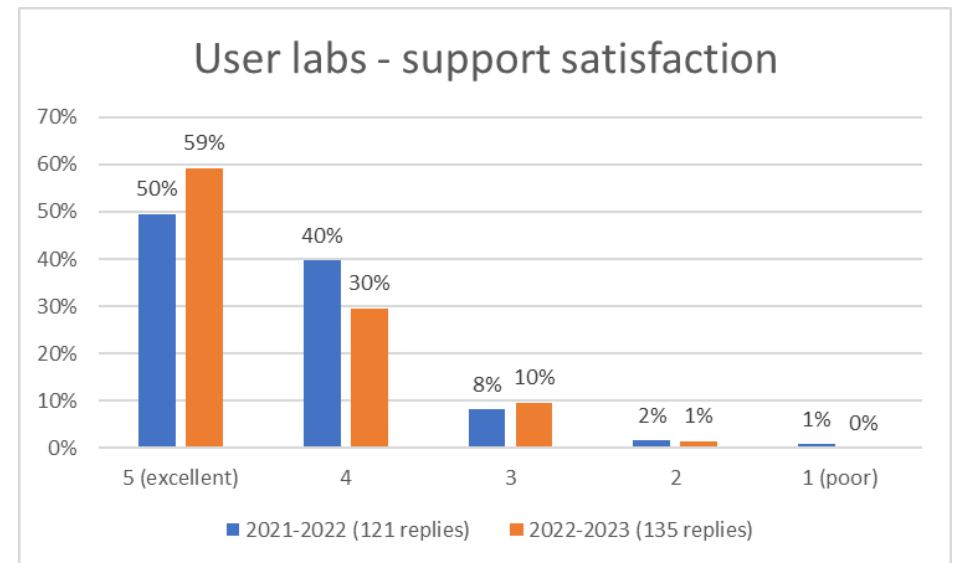
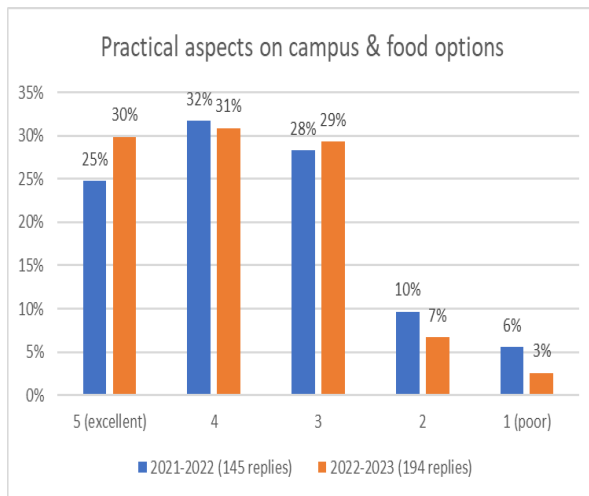
If you performed [remote data collection](#) at European XFEL, especially in the last two years, please rate your level of satisfaction. (62 replies)

How do you rate the [support for the practical arrangements](#) for the participation to the beamtime (access to the facility, accommodation, travel information, etc.)? Please choose only one of the following:

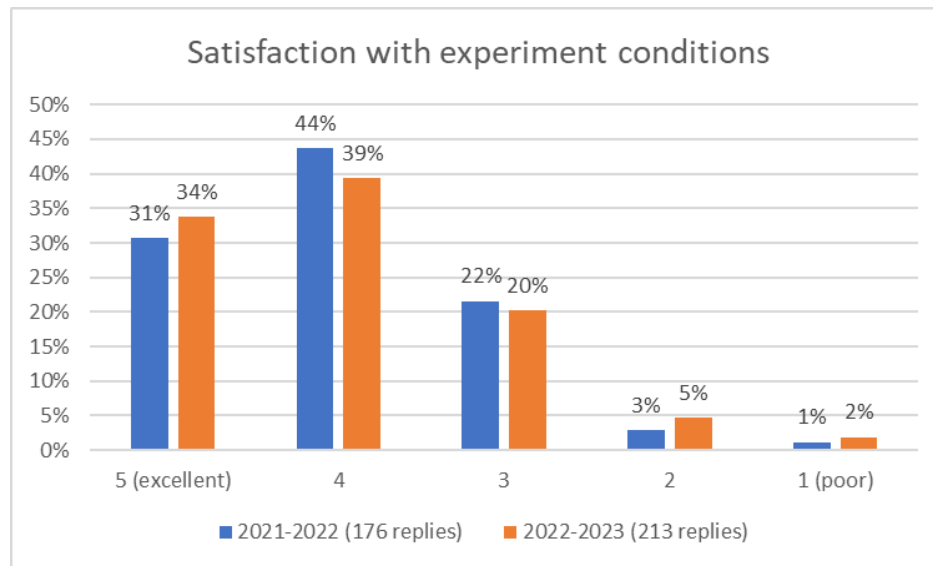


How satisfied are you with the **support during the beamtimes** (access to the facility by public transportation, on-site dining, other food options and/or vending machines, etc.)?

If you made use of the **user laboratories** at European XFEL during your experiment(s) in 2022/2023, please rate your level of satisfaction



How do you rate the **experimental conditions** during beamtime in the last two years?



European XFEL Young Scientist Award 2023

Dr Jiawei Yan, FEL Physics (FPH) group at EuXFEL.

Exceptional development of high-power ultra-short pulse capabilities at the SASE2 line of the European XFEL allowing successful generation of nearly single-mode hard X-ray FEL radiation with high pulse energy.

