

Invitation to Join the
User Consortium for the
Helmholtz-Beamline at the European XFEL

Dear Colleagues:

As I have discussed with many of you, within the Helmholtz Association, we are proposing to develop ultra-intense and high-power lasers and high-field magnets at the European XFEL. In coordination with the HED Instrument.

The XFEL management asked that we develop a User Consortium, which many of us discussed last September at the Workshop on Petawatt Lasers at Hard X-ray Light Sources (www.hzdr.de/hgfbeamline) in Dresden. This concept has since been presented at several conferences and workshops, where many of you have expressed strong interest. After a positive review by the XFEL SAC, we are submitting a full proposal next week (March 14).

I am now writing to ask you to confirm your intent to participate in this User Consortium. We would like to document your interest in the formal proposal to the XFEL. It is also important to estimate the size of the community of future Users for the Helmholtz-Beamline at XFEL.

This is a **non-binding expression of intent** to collaborate, as we shall separately need to obtain a funding commitment from the Helmholtz Association. This will rely heavily on the strength of interest expressed by the international scientific community.

In addition to helping establish this project, joining the User Consortium offers the additional opportunity to share in the **140 days of Priority Access** XFEL beam time which would be allocated to the Consortium if we succeed in the building the Helmholtz-Beamline at the presently targeted level.

Best regards,

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07.03.2012

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