

News

Beate Heinemann

LUXE meeting, May 21st 2019

Official Feedback from SAC of EU.XFEL

LUXE project, B. Heinemann

SAC notes that **this is an interesting development to perform important particle physics experiments on the XFEL linac**. At the same time this project cannot be a high priority for the European XFEL and should only be considered if it has very low impact on the already ongoing user and R&D activities and European XFEL human resources, including the infrastructure area (such as personnel for cabling and controls). Risks must be weighed when deciding. The sources of funding for the entire duration of the project are not identified.

Recommendation 20-7: **SAC does not support this project at the present time and suggests further review when the consequences for accelerator performance and facility operation have been fully evaluated.**

The risks for European XFEL associated with the duration of installation of equipment are insufficiently analyzed. SAC considers that this project is not "no cost" to European XFEL as significant time of some of the most needed staff (safety, accelerator, beam dynamics, controls, timing, .) will be needed to implement LUXE.

Recommendation 20-8: **MAC needs to look at the consequences for the accelerator both for operation and installation phases of LUXE"**

⇒ Reinforces importance of writing a “letter of intent” with realistic cost and manpower analysis by end of August