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Seeding studies at FLASH

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FLASH, the Free-Electron Laser in Hamburg, houses an experimental beam line for the study of seeding called Xseed. For the upcoming realization of a seeded FEL in the scope of the FLASH2020+ project, these components offer a unique possibility to study hardware, procedures and software for a future seeded operation. In this contribution we give an overview of the FLASH accelerator, the Xseed hardware installation and report recent studies and their results.

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