

Operation of FLASH above 1.3 GeV and below 4 nm

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FLASH is undergoing major modifications in the framework of the FLASH2020+ project. During the last upgrade phase in 2021/22 alterations to the superconducting linac have been the main priority. Among other changes two accelerating modules were replaced by modern high gradient versions. This allows to operate FLASH routinely with electron beam energies exceeding 1.3 GeV and thus extends the photon wavelength range to below 4 nm in the fundamental. This presentation summarises the major facility modifications during the 2021/22 shutdown and will give an overview and outlook about the operation since then.

Footnotes

Funding Agency

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