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Status of the free-electron laser user facility FLASH

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The free-electron laser user facility at DESY –FLASH –is operating two undulator beamlines simultaneously and delivers XUV and soft X-ray radiation for photon experiments. It is driven by a superconducting linear accelerator. In a shutdown from November 2021 to August 2022 FLASH underwent a comprehensive refurbishment and a substantial upgrade (FLASH2020+). In this paper we summarize the recommissioning of FLASH and its upgraded injector as well as the restart of user operation in 2022. The year 2023 focuses on user operation in order to establish as much as possible beamtime before the next shutdown in 2024.

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Footnotes

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