11th MT ARD ST3 Meeting 2023 in Dresden-Rossendorf



Contribution ID: 228 Type: Oral presentation

First EEHG Seeding at FLASH

Thursday 6 July 2023 09:20 (20 minutes)

FLASH demonstrated recently for the first time seeded operation with the echo-enabled harmonic generation (EEHG) scheme. Additionally, the second FEL beamline was simultaneously operated in self-amplified spontaneous emission (SASE). This is a significant milestone towards the successful implementation of the FLASH2020+ project, aiming at the parallel operation of high repetition rate seeding and SASE after the upgrade of FLASH.

Primary author: PARASKAKI, Georgia (MFL (FLASH))

Presenter: PARASKAKI, Georgia (MFL (FLASH))

Session Classification: Session: Controls/Seeding/DAQ

Track Classification: Beam control