

Characterization of a spatial light modulator for shaping the optical phase of ultra-short laser pulses

DESY's VUV Free Electron Laser (FEL), FLASH, is currently undergoing a major upgrade to become the world's first externally seeded FEL operating at high repetition rates. The external seed laser is a crucial component of this extensive facility project, which is presently under construction. The proposed SLM characterization project forms a part of the ongoing development of the seed laser and may become a key feature in the final system.

Group

FS-LA

Project Category

A5. Lasers and optics

Special Qualifications

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