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## Lasing Performance of the European XFEL

*Monday, 22 August 2022 17:10 (20 minutes)*

The European XFEL operates with 3 different SASE FELs served by variable gap undulators. In addition, the electron energy of the superconducting linear accelerator is varied between 8.5 and 16.5 GeV to cover a photon energy range from 500 eV to 30 keV. We will present SASE performance data collected over the past 5 years of operation and compare them with theoretical predictions.

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Yes

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