

FERMI – The First XUV externally seeded FEL facility

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FERMI is the first seeded free electron laser user facility in the world.

Two free electron lasers, operated by the Elettra – Sincrotrone Trieste laboratory in Italy, are driven by a single normal conducting linear accelerator, and cover the spectral range from 100 nm down to 4 nm. The FELs are characterized by high spectral purity, temporal and spectral stability. We will provide an overview of the free electron laser seeded mode of operation, of the present status of the two FEL sources and a brief outlook toward the future.