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Laser Assisted Beam Manipulation Techniques for Fully Coherent and Ultra-Short FEL Generation

Monday, 22 August 2022 12:35 (20 minutes)

Laser assisted beam manipulation has been extensively used in modern high gain FELs to tailor the output properties. In this talk, I will focus on several advanced techniques on high harmonic generation and ultrashort pulse generation with assistance of external UV or IR lasers. With the help of state-of-the-art laser technologies, it's very likely these techniques will open new opportunities for coherent light sources.

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Yes

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