

Diode-pumped Laser-drivers for plasma accelerators

Tuesday, 19 September 2023 17:25 (20 minutes)

Here we give a brief overview of the development of DPSSL-based high-average power laser drivers for plasma accelerators in CLF. We will describe the design of the Extreme Photonics Applications Centre (EPAC): a unique facility dedicated for the exploitation of the applications of plasma accelerators. Future upgrade paths for EPAC, especially in repetition rate, would be discussed.

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Session Classification: WG2: Laser technology (WP6 - Task2)

Track Classification: WG2: Laser technology