



Contribution ID: 102

Type: **Poster**

## The ZEUS multi-Petawatt laser system: first results

*Monday, 22 July 2024 18:00 (1h 30m)*

The Zettawatt Equivalent Ultrashort pulse laser System (ZEUS) is a National Science Foundation-funded user facility located at the University of Michigan in the US. The laser will be capable of producing 3-Petawatt pulses and can also be split to create synchronized 2.5-PW and 0.5-PW pulses. This presentation will describe the different capabilities of the facility available to users in each of the three target areas and the current laser status and recent results from first experiments on laser wakefield acceleration and x-ray generation.

### Working group

WG1 : Laser-driven plasma wakefield acceleration

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**Session Classification:** Poster [Atrium]