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## THz@PITZ: First Commissioning Results

*Friday 9 September 2022 10:20 (3 minutes)*

Research and development of an accelerator-based THz source prototype for pump-probe experiments at the European XFEL are ongoing at the Photo Injector Test Facility at DESY in Zeuthen (PITZ). A proof-of-principle experiment to generate THz SASE FEL radiation using an LCLS-I undulator driven by an electron bunch from the PITZ accelerator has been prepared. After four years of designs and construction, the first commissioning with an electron beam was started in July 2022. This contribution presents and discusses the experience and results of the first commissioning.

### Summary

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