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Update on TAF Project at the HI Jena

Monday 3 November 2025 18:35 (3 minutes)

A new target area is set up at the Helmholtz Institute Jena. One central aspect are combined experiments with the laser systems JETi200 and POLARIS. Additionally, a new dedicated probe laser system, JETi ONE, was installed giving the opportunity to investigate laser-plasma interactions with few-cycle laser pulse ranging from the visible to the mid infrared spectrum. To synchronize these three laser systems a timing system was installed. Technical implementation and performance as well current developments will be presented.

Speed talk:

Normal speed talk selection

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