

Programm der Sitzung

25.-30. Jan. 2026

46th International Workshop on High Energy Density Physics with Intense Ion and Laser Beams

Poster Session 1

Darmstädter Haus
Oberseitestr. 38 D- 87568 Hirschegg

Mi., 28. Januar

10:50

Poster Session 1: Poster Session 1

Sitzung | **Ort:** Darmstädter Haus, Oberseitestr. 38 D- 87568 Hirschegg

10:50–12:20 Uhr

Increasing the electron charge in Laser Wakefield Acceleration with Orbital Angular Momentum beams

Sprecher

Carl Georg Boos

10:50–12:20 Uhr

From Concept to Digital Twin: Holistic Modelling of High-Energy Laser Facilities with OPOSSUM

Sprecher

Yannik Zobus

10:50–12:20 Uhr

Relativistic Attosecond Sources from Intense Multi-colour Laser Pulses

Sprecher

Cara McDonald

10:50–12:20 Uhr

Simulation Studies of High-Charge Electron Generation in the Self-Modulated Laser Wakefield Acceleration Regime

Sprecher

Victor Winter

10:50–12:20 Uhr

Design of a Yb:CALGO regenerative Amplifier for the PHELIX Laser System

Sprecher

Sebastian Schnell

10:50–12:20 Uhr

Recent Results of the Research of Underwater Electrical Explosion of Wires/Wires Arrays

Sprecher

Prof. Yakov Krasik

10:50–12:20 Uhr

Ion stopping power experiments with the laser-driven LIGHT beam-line

Sprecher

Marvin Fischer

10:50–12:20 Uhr

Adaptive Laser Architecture Development and Integration (ALADIN) - Towards Inertial-Fusion Ready Beam Control

Sprecher

Jonas Benjamin Ohland

10:50–12:20 Uhr

Nonequilibrium phonon dynamics after laser-excitation**Sprecher**

Christopher Seibel

10:50–12:20 Uhr

Target Development at ELI Beamlines - Two-Photon Polymerization**Sprecher**

Tibor Teplicky

10:50–12:20 Uhr

Studies of laser ablation of band-gap materials**Sprecher**

Markus Bonifer

10:50–12:20 Uhr

Thermalization of optically excited Fermi systems: electron-electron collisions in solid metals**Sprecher**

Stephanie Roden

12:20