

## **Programm der Sitzung**

**25.-30. Jan. 2026**

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

## **Poster Session 2**

Darmstädter Haus  
Oberseitestr. 38 D- 87568 Hirschegg

# Mi., 28. Januar

17:00

## Poster Session 2: Poster Session 2

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

17:00–18:30 Uhr

### Hybrid Modeling of Fast Electron Transport and EMP Generation in Nanosecond Laser-Target Interactions

**Sprecher**

Jiří Löffelmann

17:00–18:30 Uhr

### Active beamstabilization for JETi200 and TAF

**Sprecher**

Alexander Sävert

17:00–18:30 Uhr

### HED@FAIR - High Energy Density Science at FAIR

**Sprecher**

Stephan Neff

17:00–18:30 Uhr

### In-situ X-ray analysis of diamond formation in dynamically compressed glassy carbon

**Sprecher**

Björn Lindqvist

17:00–18:30 Uhr

### High-Repetition-Rate X-ray Diffraction of Shock-Compressed PET at the EuXFEL

**Sprecher**

Jed Martin

17:00–18:30 Uhr

### Damage Threshold Tests for Project FOR2783

**Sprecher**

Alperen Kozan

17:00–18:30 Uhr

### Spectral Shaping in Laser-Ion Acceleration by Multispecies Effects

**Sprecher**

Sarah Jane Grimm

17:00–18:30 Uhr

### Investigating the DC conductivity of compressed C-H and C-H-O mixtures using ultrafast terahertz pulses

**Sprecher**

P. May

17:00–18:30 Uhr

### Experimental Study of Shock Interaction with a Dense Obstacle embedded in Foam Target

**Sprecher**

Leonard Maximilian Wegert

17:00–18:30 Uhr

**Update on the THRILL project: Towards High-Energy Lasers at High Repetition Rates**

**Sprecher**

Zsuzsanna Slattery-Major

17:00–18:30 Uhr

**Plasma-Assisted Methane Decomposition for Hydrogen Production Using Micro Hollow Cathode and Dielectric Barrier Discharges**

**Sprecher**

Herr Marcel Margraf

17:00–18:30 Uhr

**Characterization of Electron, EMP and Ion Emission at the kilojoule Laser System PALS**

**Sprecher**

Jakub Cikhardt

18:30