

Programm der Sitzung

25.-30. Jan. 2026

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

Session 12 - Warm Dense Matter

Darmstädter Haus
Oberseitestr. 38 D- 87568 Hirschegg

Fr., 30. Januar

10:30

Session 12 - Warm Dense Matter: Session 12 - Warm Dense Matter

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

10:30–11:00 Uhr

PRIOR-II - The first proton and heavy-ion particle radiography facility for probing ultra-fast ns-scale HED physics and beyond

Sprecher

Martin Schanz

11:00–11:20 Uhr

High-precision measurement of the K-edge shift in heavy-ion heated aluminum

Sprecher

Philipp Hesselbach

11:20–11:40 Uhr

A platform for observing phase-transitions and measuring temperature of ion-heated samples

Sprecher

Julian Lütgert

11:40–12:00 Uhr

Investigating the onset of carbon K-shell ionization from imploding CH and HDC capsules measured at the National Ignition Facility

Sprecher

Johannes Rips

12:00