

Programm der Sitzung

21.-25. Sept. 2026



EMMI Workshop: Light-ion collisions 2026

Pre-equilibrium dynamics

Kirchhoff-Institut für Physik (KIP), HS2
Im Neuenheimer Feld 227 69120 Heidelberg

Do., 24. September

13:30

Pre-equilibrium dynamics: Thermalization / Kinetic Theory

Sitzung | **Ort:** Kirchhoff-Institut für Physik (KIP), HS2, Im Neuenheimer Feld 227 69120 Heidelberg

13:30–13:55 Uhr Thermoization across system sizes

Sprecher

Soeren Schlichting

13:55–14:10 Uhr

Investigating Collective Behavior in He-He Collisions with CoMBolt-RTA, a Massive Quasiparticle Kinetic Theory Model

Sprecher

Seyed Farid Taghavi

14:10–14:25 Uhr

Anisotropic Flows and Universal Collective Response in Ion Collisions in Relativistic Boltzmann Transport

Sprecher

Vincenzo Nigara

14:25–14:40 Uhr

Collective effects in O-O and Ne-Ne collisions at 5.36 TeV from a hybrid approach

Sprecher

Lucas Constantine

14:40–14:55 Uhr

The smallest QGP droplet from QCD Kinetic Theory

Sprecher

Ferdinando Frasca

14:55

15:25

Pre-equilibrium dynamics: Cold Atoms / Kinetic Theory

Sitzung | **Ort:** Kirchhoff-Institut für Physik (KIP), HS2, Im Neuenheimer Feld 227 69120 Heidelberg

15:25–15:50 Uhr Single-atom-resolved images of quantum gases

Sprecher

Martin Zwierlein

15:50–16:05 Uhr

Exploring Collectivity in Few-body Systems with Density Functional Theory

Sprecher

Uri Sharell, Toshali mitra

16:05–16:20 Uhr

Anisotropic flow in O+O and Ne+Ne collisions from kinetic theory and hydrodynamics

Sprecher

Clemens Werthmann

16:20–16:35 Uhr

Relaxation of initial azimuthal anisotropies in the pre-equilibrium stage

Sprecher

Sergio Barrera Cabodevila

16:35