

Programm der Sitzung

21.-25. Sept. 2026



EMMI Workshop: Light-ion collisions 2026

Hard Probes

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

Di., 22. September

09:00

Hard Probes: 1/3

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

09:00–09:25 Uhr Jet and Heavy Flavor Quenching Overview

Sprecher

Daniel Pablos

09:25–09:40 Uhr Jet production in O+O collisions with the sPHENIX detector

Sprecher

JAEBEOM PARK

09:40–09:55 Uhr

Unified jet-medium treatment in light ions and their azimuthal anisotropies

Sprecher

Kevin P. Pala

09:55–10:10 Uhr

Evolution of Parton Energy Loss Across Collision Systems: Insights from the DREENA Framework

Sprecher

Bithika Karmakar

10:10–10:25 Uhr

Looking for the Small Size Limit of Energy Loss at the LHC

Sprecher

Prof. Riccardo Longo

10:25

11:00

Hard Probes: 2/3

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11:00–11:15 Uhr nPDF fits within the nCTEQ framework

Sprecher

Katrin Greve

11:15–11:30 Uhr

Cold nuclear matter baselines for jet quenching searches in light-ion collisions

Sprecher

Florian Jonas

11:30–11:45 Uhr

Evidence for Parton Energy Loss in Oxygen-Oxygen Collisions with ALICE

Sprecher

Nicolas Strangmann

11:45–12:00 Uhr

From Lead to Helium: Partonic Energy Loss in Very Light Ion Collisions

12:00

Sprecher

Coleridge Faraday

15:10

Hard Probes: 3/3**Sitzung** | **Ort:** Kirchhoff-Institut für Physik (KIP), HS2, Im Neuenheimer Feld 227 69120 Heidelberg

15:10–15:25 Uhr

Investigating the onset and path-length dependence of energy loss with hard probes in light ions at ATLAS**Sprecher**

Anne Sickles

15:25–15:40 Uhr

Colour decoherence as a probe of medium effects in small systems**Sprecher**

Chiara Le Roux

15:40–15:55 Uhr

Early-Stage Jet Quenching**Sprecher**

ismail soudi

15:55–16:10 Uhr

Unambiguously Detecting Hard Scattering of Jet Partons off QGP Quasiparticles using Jet Substructure Measurements in Oxygen Collisions**Sprecher**

Arjun Kudinoor

16:10