

Session Program

24-28 Aug 2026



EUROPEAN COALITION FOR AI
IN FUNDAMENTAL PHYSICS
CONFERENCE
EuCAIFCon 2026

EuCAIFCon 2026

Highlight talks

Kirchhoff Institute for Physics (KIP), Foyer
Im Neuenheimer Feld 227 69120 Heidelberg Germany

Friday 28 August

09:00

Highlight talks

Session | **Location:** HS1

09:00–09:30

Highlight Talk: SPADE: Split-and-Delay Embeddings for Autoregressive High-Granularity Calorimeter Simulation

Speaker

Henning Rose

09:30–10:00

Highlight Talk: Low-cost Adaptation of a Geometry Foundation Model for Bayesian Shape Inference

Speaker

Thomas Gessey-Jones

10:00–10:30

Highlight Talk: Steering in Theory Space: Representation Engineering of a Lagrangian Transformer

Speaker

Yong Sheng Koay

10:30

11:00

Highlight talks

Session | **Location:** HS1 | **Convener:** Jan M. Pawlowski

11:00–11:30

Highlight Talk: A Low-Latency Neural Network Trigger for SiPM-Based RICH Detectors

Speaker

Jesus Pena-Rodriguez

11:30–12:00

Highlight Talk: Anomaly-detection of gravitational waves through the 4th observing run of the LIGO detectors

Speaker

Gianluca Inguglia

12:00