

Session Program

24-28 Aug 2026



EUROPEAN COALITION FOR AI
IN FUNDAMENTAL PHYSICS
CONFERENCE
EuCAIFCon 2026

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Agentic AI

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

Thursday 27 August

14:00

Agentic AI

Session | **Location:** HS2**14:00–14:08 Development of AI agents in LHCb****Speaker**

Sergio Arguedas Cuendis

14:10–14:18 MadAgents**Speaker**

Daniel Schiller

14:20–14:28 Agentic Re-Casting using Agentic Re-Simulations**Speaker**

Nikita Schmal

14:30–14:38**AgentRivet: an automated system for producing Rivet routines from journal publications****Speaker**

Andrew Pilkington

14:50–14:58 Agentic Deciphering of Complex Computation Graphs**Speaker**

Alexander Kazatsky

15:00–15:08 Path-based RAG on particle physics literature**Speaker**

Aleksei Mikhasenko

15:10–15:18**Head-to-head comparison of agentic AI systems applied to gravitational wave studies****Speaker**

Gianluca Inguglia

15:20–15:28**Plausible but Wrong: A Case Study on Agentic Failures in Astrophysical Workflows****Speaker**

Shivam Rawat

15:30