

Session Program

19-21 Aug 2026

HAMLET-PHYSICS 2026 Conference

Plenary: Experimental physics and detectors

Niels Bohr Building, Margrethe Bohr Salen
Jagtvej 155a, Copenhagen

Thursday 20 August

10:30

Plenary: Experimental physics and detectors

Session | **Location:** Niels Bohr Building, Margrethe Bohr Salen, Jagtvej 155a, Copenhagen

10:30–10:50

Building foundation models with low-level collision data in particle physics

Speaker

Shreya Saha

10:50–11:10

Detector simulation for neural network position reconstruction in the i-RASE system

Speakers

Michał Kossakowski, Rikke Stougaard Klausen

11:10–11:30

Differentiable End-to-End Optimization of In-Ice Radio Neutrino Detectors

Speaker

Martin Ravn

11:30–11:50

Photonic imaging, sensing, and detection assisted by AI

Speaker

Miroslav Ježek

12:00–12:05

Challenges of using machine learning in rare heavy-ion measurements

Speaker

Ida Storehaug

12:05–12:10

Machine Learning Extraction of Flow Harmonics and Jet Amplitudes from Two-Particle Correlations in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV

Speaker

olja dordic

12:10