

Session Program

19-21 Aug 2026

HAMLET-PHYSICS 2026 Conference

***Plenary: Fundamental physics, inference,
theory***

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

Wednesday 19 August

10:50

Plenary: Fundamental physics, inference, theory

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

10:50-11:10

Speeding up Analytic Calculations in Theoretical Particle Physics via Machine Learning

Speaker

Dr Matthias Wilhelm

11:10-11:30

Normalising flows for all-orders QED corrections in lattice field theory

Speaker

Nils Hermansson-Truedsson

11:30-11:50

Model-agnostic searches for new physics with NPLM, and its reinterpretation

Speaker

Jack Harrison

11:50-12:10

Hyperparameter Transfer: A Recipe for Efficient and Robust Scaling

Speaker

Gage DeZoort

12:10-12:15

Unfolding - Quantification learning for physics applications

Speaker

Lukas Liland

12:15-12:20

Anomaly detection, BDTs and you: How the statistical properties of Boosted Decision Trees interact with physics

Speaker

Sten Åstrand

12:20-12:25

MultiCWoLa

Speaker

Johann Ioannou-Nikolaides

12:25-12:30

Performance of the Boosted Decision Tree for π^0 Reconstruction in KLOE Data

Speaker

Dr Bo Cao

12:30-12:35

Enhancing Detector Alignment with Machine Learning

Speaker

Stefan Cretu

12:35