Session Program

6–10 Nov 2023

ML4Jets2023

Uncertainties, Calibration & Theory

DESY, Main Auditorium

Thursday 9 November

14:00

Uncertainties, Calibration & Theory
Session | **Location:** DESY, Main Auditorium | **Convener:** Matthias Schroeder

14:00–14:15

The DL Advocate: Playing the devil's advocate with hidden systematic uncertainties

Speaker
Andrea Mauri

14:15–14:30 **Systematic Effects in Jet Tagging Performance for the ATLAS Detector**

Speaker
Kevin Thomas Greif

14:30–14:45

Evaluating Neural Network Uncertainty Estimation with Inconsistent Training Data

Speaker
Giovanni De Crescenzo

14:45–15:00 **Generalization Properties of Jet Classification**

Speaker
Sebastian Guido Bieringer

15:00–15:15

Deciphering the Structure of EFTs from String Theory using JAX and Reinforcement Learning

Speaker
Dr Andreas Schachner

15:15–15:30 **Towards a phenomenological understanding of neural networks**

Speaker
Samuel Tovey

15:30–15:45 **Machine Learning to Understand String Theory EFTs**

Speaker
Dr Sven Krippendorf

15:45