

Session Program

6-10 Nov 2023



ML4Jets2023

Reconstruction

DESY, Main Auditorium

Monday 6 November

14:00

Reconstruction

Session | **Location:** Seminarraum 4a/b | **Convener:** Jeremi Niedziela

14:00–14:15 **Event Reconstruction with GNNs at the FCC**

Speaker

Dolores Garcia

14:15–14:30 **Time-of-Flight Estimation using Machine Learning Techniques**

Speaker

Konrad Helms

14:30–14:45 **Set2Tree: Particle decay reconstruction via GNN**

Speaker

Dmitrii Kobylanski

14:45–15:00

End-to-end analysis with jointly optimized particle identification and analysis optimization objectives

Speaker

Matthias Vigl

15:00–15:15

ν^2 -Flows: Fast and improved neutrino reconstruction in multi-neutrino final states with conditional normalizing flows

Speakers

Johnny Raine, Mr Matthew Leigh

15:15–15:30

Reconstructing ALP properties and optimizing experimental design with simulation-based inference

Speaker

Alessandro Morandini

15:30