

Session Program

6-10 Nov 2023



ML4Jets2023

Reconstruction & Representation Learning

DESY, Main Auditorium

Monday 6 November

16:00

Reconstruction & Representation Learning

Session | Location: DESY, Main Auditorium | Convener: Peter Loch

16:00–16:15

Generic representations of jets at detector-level with self supervised learning

Speaker

Etienne Dreyer

16:15–16:30

CoCo: Contrastive Combinatorics

Speaker

Debajyoti Sengupta

16:30–16:45

Identifying semi-visible jets with darkCLR

Speaker

Tanmoy Modak

16:45–17:00

Reconstructing full pp collision events with HGPflow

Speaker

Nilotpal Kakati

17:00–17:30

Breathing (Chair's discretion)

17:30–17:45

Scalable neural network models and terascale datasets for particle-flow reconstruction

Speaker

Josep Pata

17:45–18:00

Masked particle modelling

Speaker

Mr Matthew Leigh

18:00–18:15

ML-assisted reconstruction of hadron-collider events with mini-jets

Speaker

Josef Modestus Murnauer

18:15