

Session Program

6-10 Nov 2023



ML4Jets2023

Generative Models and Simulation

DESY, Main Auditorium

Monday 6 November

11:00

Generative Models and Simulation

Session | Location: DESY, Seminarraum 4a/b | Convener: Ramon Winterhalder

11:00-11:15

Generating Accurate Showers in Highly Granular Calorimeters Using Convolutional Normalizing Flows

Speaker

Thorsten Buss

11:15-11:30

Pushing Normalizing Flows for higher-dimensional Detector Simulations

Speaker

Florian Ernst

11:30-11:45

Attention to Mean Fields for Particle Cloud Generation

Speaker

Benno Kach

11:45-12:00

Latent Generative Models for Fast Calorimeter Simulation

Speaker

Qibin Liu

12:00-12:15

New Angles on Fast Calorimeter Shower Simulation

Speaker

Peter McKeown

12:15-12:30

Improved selective background Monte Carlo simulation at Belle II with graph attention networks and weighted events

Speaker

Boyang Yu

12:30