

Session Program

Nov 4 - 8, 2024

ML4Jets2024

Foundation models

LPNHE, Paris, France

Thu, November 7

4:00 PM

Foundation models

Session | **Location:** Salle Séminaires | **Convener:** Tianji Cai

4:00 – 4:20 PM

Learning powerful jet representations via self-supervision

Speaker

Shudong Wang

4:20 – 4:40 PM

OmniLearn: A Method to Simultaneously Facilitate All Jet Physics Tasks

Speaker

Vinicius Massami Mikuni

4:40 – 5:00 PM

OmniJet-alpha and beyond: foundation model updates

Speaker

Anna Maria Cecilia Hallin

5:00 – 5:20 PM

A Novel Approach to Training Foundation Models for Jet-Related Tasks Without Vector Quantization

Speaker

Masahiro Morinaga

5:20 – 5:40 PM

Large-Scale Pretraining and Finetuning for Efficient Jet Classification in Particle Physics

Speaker

Zihan Zhao

5:40 PM