Pregramme des sessions

16–18 nov. 2026



IN2P3/IRFU Machine Learning workshop 2026

Foundation Models, Representation Learning and Generative AI

LPSC, Amphitheatre
53 Avenue des Martyrs 38000 Grenoble

mer. 18 novembre

14:00

Foundation Models, Representation Learning and Generative AI

Session | **Site:** LPSC, Amphitheatre, 53 Avenue des Martyrs 38000 Grenoble

14:00 – 14:20

Performance of Tabular Foundation Models for analysis of 4-vectors LHC final states with the FAIR Universe HiggsML Dataset

Orateur
David Rousseau

14:20 – 14:40

CaloFound: towards a foundation model for calorimetry

Orateur
Mehmet Ozgur Sahin

14:40 – 15:00

The Limits of Foundation Models for Jet Physics: Tagging, Generation, Scaling and Anomalies

Orateur
Humberto Reyes-Gonzalez

15:00 – 15:20

Improving neural generative models with density estimation and Monte-Carlo resampling

Orateur
Tuan Pham

15:20 – 15:25

FoSFor : Multiscale Graph Representations from Forest-Based Coarse-Graining

Orateurs
Dominique BENIELLI, Dr Sacha Duverger

15:25