Pregramme des sessions

16–18 nov. 2026



IN2P3/IRFU Machine Learning workshop 2026

Event/Object Reconstruction and Identification

LPSC, Amphitheatre
53 Avenue des Martyrs 38000 Grenoble

mer. 18 novembre

09:00

Event/Object Reconstruction and Identification

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

09:00 – 09:20

GammaLearn: deep-learning event reconstruction for the CTAO - Results and Lessons learned between 2017 and 2026

Orateur
Dr Thomas Vuillaume

09:20 – 09:40

Machine Learning for event reconstruction with uncertainty quantification in the ClearMind ultra-fast detector

Orateur
Dr Théo Kaprélian

09:40 – 10:00

Transformers for reconstruction of electromagnetic showers in calorimeters

Orateur
Yuliia Maidannyk

10:00 – 10:20

Upgrade II LHCb calorimeter real-time reconstruction with GNN

Orateur
Aniol Lobo Salvia

10:20 – 10:40

SPINE for DUNE

Orateur
Nived PUTHUMANA MELEPPATTU

10:40 – 10:45

A machine learning approach to stellar stream detection in photometric surveys

Orateur
Matthieu Pelissier

10:45