

IN2P3/IRFU Machine Learning workshop

mardi 16 mars 2021 - mercredi 17 mars 2021

Remote only

Programme Scientifique

ML for data reduction : Application of Machine Learning to data reduction, reconstruction, building/tagging of intermediate object

ML for analysis : Application of Machine Learning to analysis, event classification and fundamental parameters inference

ML for simulation and surrogate model : Application of Machine Learning to simulation or other cases where it is deemed to replace an existing complex model

Fast ML : Application of Machine Learning to DAQ/Trigger/Real Time Analysis

ML algorithms : Machine Learning development across applications

ML infrastructure : Hardware and software for Machine Learning

ML training, courses and tutorials

ML open datasets and challenges

ML for astroparticle

ML for experimental particle physics

ML for nuclear physics

ML for phenomenology and theory

ML for particle accelerators

Special contribution