6th Inter-experiment Machine Learning Workshop

Monday 29 January 2024 - Friday 2 February 2024

CERN

Scientific Programme

1 ML for object identification and reconstruction

2 ML for analysis : event classification, statistical analysis and inference, including anomaly detection

3 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

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

5 ML infrastructure : Hardware and software for Machine Learning

6 ML training, courses, tutorials, open datasets and challenges

7 ML for astroparticle

8 ML for phenomenology and theory

9 ML for particle accelerators

10 Other