5th Inter-experiment Machine Learning Workshop

Monday, 9 May 2022 - Friday, 13 May 2022

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