

Session Program

6-11 Jun 2021



Canadian Association
of Physicists

Association canadienne
des physiciens et physiciennes

2021 CAP Virtual Congress / Congrès virtuel de l'ACP 2021

***M2-10 Machine learning in HEP & Novel
reconstruction techniques I (PPD) /
Apprentissage automatique en PHE et
nouvelles techniques de reconstruction I
(PPD)***

Underline Conference System

Sunday 6 June

12:45

M2-10 Machine learning in HEP & Novel reconstruction techniques I (PPD) / Apprentissage automatique en PHE et nouvelles techniques de reconstruction I (PPD)

Session | **Location:** Underline Conference System | **Convener:** Eric Drechsler

12:45-13:00

Machine learning techniques for improving water Cherenkov event reconstruction

Speaker

Nick Prouse

13:00-13:10

(G*) Muon Track Reconstruction for the P-ONE Neutrino Telescope

Speaker

Dilraj Ghuman

13:10-13:20

(G*) Machine Learning for Energy Reconstruction at ATLAS

Speaker

Lucas Alexander Polson

13:20-13:30

Particle identification at the CERN NA62 experiment using Convolutional Neural Networks

Speaker

Bob Velghe

13:30-13:40

(G*) Parameter estimation of gravitational waves over non-Gaussian transient noise

Speaker

Yannick Lecoeuche

13:40