IN2P3/IRFU Machine Learning workshop

mercredi 17 mars 2021

Mercredi matin: Mercredi matin (09:00 - 13:00)

   -Présidents de session: Valérie Gautard

time	[id] title	presenter
09:00	[39] IN2P3 School of Statistics 2021	COADOU, Yann
09:15	[58] Rainfrog: Automatic detector recognition on the Atlas/NSW fabrication facility at Saclay	MUR, Michel
09:35	[54] Comparison of GraphCore IPUs and Nvidia GPUs for cosmology applications	ARCELIN, Bastien BOUCAUD, Alexandre
09:50	[41] Classification of KM3NeT online events with ONNX C++ API	LE GUIRRIEC, Emmanuel
10:00	pause	
10:30	[56] Extended sources reconstructions by means of Coded mask aperture systems and Deep learning algorithm	Dr DANIEL, Geoffrey
10:45	[60] A machine learning technique for dynamic aperture computation	BEN GHALI, Mehdi
11:00	[55] SNAD: Machine learning assisted discovery in astronomy	Dr ISHIDA, Emille
11:15	[52] Estimating Photometric Redshifts with Convolutional Neural Networks and Galaxy Images: A Case Study of Resolving Biases in Deep Learning Classifiers	LIN, Qiufan
11:30	pause	
12:00	[48] Updates on the GammaLearn project: application to real data	Dr VUILLAUME, Thomas
12:15	[47] Probabilistic Mapping of Dark Matter by Neural Score Matching	REMY, Benjamin
12:30	[46] Automatically Differentiable Physics for Maximizing the Information Gain of Cosmological Surveys	LANZIERI, Denise
12:45	[43] Deep Learning for Galaxy Image Reconstruction with Problem Specific Constraint	NAMMOUR, Fadi