

2022 CAP Congress / Congrès de l'ACP 2022

Wednesday, 8 June 2022

W2-1 Machine Learning in HEP and Novel Reconstruction Tools (PPD) | Apprentissage automatique en PHE et nouveaux outils de reconstruction (PPD) - MDCL 1110 (13:15 - 14:45)

-Conveners: Max Swiatlowski

time	[id] title	presenter
13:15	[3161] Machine learning techniques to enhance event reconstruction in water Cherenkov detectors	PROUSE, Nick
13:45	[3195] (G*) New background discrimination methods for the NEWS-G dark matter search experiment	COQUILLAT, Jean-Marie
14:00	[3343] (G*) Improving Muon-Pion & Electron-Pion Separation at Belle II with Machine Learning Using the Novel Pulse Shape Discrimination in CsI(Tl)	BEAUBIEN, Alexandre
14:15	[3370] (G*) Machine learning to denoise pulses from a p-type point contact germanium detector	ANDERSON, Mark
14:30	[3262] (G*) Machine Learning for Noise Removal in NEWS-G	ROWE, Noah