



# CPAD Workshop 2022

## Tuesday, 29 November 2022

### WG6: TDAQ and AI/ML - Lecture Hall 1 (11:30 - 12:30)

-Conveners: Williams Mike; Xin Qian; Alexander Paramonov

time	[id] title	presenter
11:30	[36] Neural network accelerator for quantum control	DI GUGLIELMO, Giuseppe
11:50	[97] Nonlinear On-Chip Waveform Processing for Detector ASICs	MANDAL, Soumyajit
12:10	[55] Quality control assessment of silicon detector construction using deep learning	LAMICHHANE, Kamal

# Wednesday, 30 November 2022

## WG6: TDAQ and AI/ML - Lecture Hall 2 (10:35 - 12:35)

-Conveners: Williams Mike; Xin Qian; Alexander Paramonov

time	[id] title	presenter
10:35	[81] A Generic Data Acquisition System for Multidisciplinary Detector R&D	WATKINS, Samuel
10:55	[76] The upgrade of the versatile data acquisition system - CaRIBOu	TANG, Shaochun
11:15	[65] The LUX-ZEPLIN Data Acquisition and Real Time Monitoring System	KHAITAN, DEV ASHISH
11:35	[41] Real-Time Object Detection and Identification for DUNE's Data Selection System	CLAIR, Judicael
11:55	[85] Usage of Machine Learning in CMS Level-1 Endcap Muon Trigger	YIGITBASI, Efe