



# EuCAIFCon 2024

## Tuesday, 30 April 2024

### 3.3 Hardware acceleration, FPGAs & Uncertainty quantification (17:10 - 18:15)

-Conveners: Anastasios Belias

time	[id] title	presenter
17:10	[152] Precision-Machine Learning for the Matrix Element Method	HEIMEL, Theo
17:13	[70] Robust Uncertainty Quantification in Parton Distribution Function Inference	COSTANTINI, Mark
17:16	[106] Evaluating Generative Models with non-parametric two-sample tests	Dr GROSSI, Samuele
17:19	[69] Estimation of Machine Learning model uncertainty in particle physics event classifiers	VAZQUEZ ESCOBAR, julia
17:22	[57] Studying Adversarial Deep Learning techniques in the context of High-Energy Physics	SAALA, Timo
17:42	[89] Hyperparameter optimization of neural networks for proton structure analyses	Dr RABEMANANJARA, Tanjona
18:02	[165] Next generation cosmological analysis with a re-usable library of machine learning emulators across a variety of cosmological models	ONG, Dily Duan Yi
18:05	[214] Deep support vector data description models on an analog in-memory computing platform for real-time unsupervised anomaly detection.	KOSTERS, Dominique
18:08	[195] Reconstruction of Low Mass Vector Mesons via Dimuon decay channel using Machine Learning Technique for the CBM Experiment at FAIR	Mr SHARMA, Abhishek Kumar
18:11	[204] Deep learning predicted elliptic flow of identified particles in heavy-ion collisions at the RHIC and LHC energies	BARNAFÖLDI, Gergely Gábor