EuCAIFCon 2024

Wednesday, 1 May 2024

4.1 Pattern recognition, Image analysis & Uncertainty quantification (16:00 - 17:05)

-Conveners: Julián García Pardiñas

time	[id] title	presenter
16:00	[127] Sensitivity of strong lenses to substructure with machine learning	O'RIORDAN, Conor
16:03	[99] Quark/gluon tagging in CMS Open Data with CWoLa and TopicFlow	ORE, Ayodele
16:06	[134] A fast convolutional neural network for online particle track recognition	CAVALLINI, Viola
16:09	[193] Improving Two-Neutron Detection Efficiency on the NEBULA Detector using XGBoost Algorithm	LI, Yutian
16:12	[191] Reinforcement learning for automatic data quality monitoring in HEP experiments	Ms JULLIAN PARRA, Olivia
16:32	[61] Reconstructing the Hubble function with physics-informed neural networks	ROEVER, Lennart
16:52	[215] Application of science-informed AI in experimental particle physics and neuroscience	LEVAI, Peter
16:55	[60] Increasing the model agnosticity of weakly supervised anomaly detection	HEIN, Marie
16:58	[98] Galaxy redshift estimations with transfer and multi-task learning	ERIKSEN, Martin Boerstad
17:01	[58] Gradient-Annihilated PINNs for Solving Riemann Problems: Application to Relativistic Hydrodynamics	FERRER SÁNCHEZ, Antonio