

EuCAIFCon 2024

Tuesday, April 30, 2024

1.3 Simulation-based inference (1:30 PM - 2:35 PM)

-Conveners: Tommaso Dorigo

time	[id] title	presenter
1:30 PM	[33] Simulation of Z2 model using Variational Autoregressive Network (VAN).	CHAHAR, Vaibhav
1:33 PM	[46] Artificial Intelligence techniques in KM3NeT	DRAKOPOULOU, Evangelia
1:36 PM	[116] ML-based Unfolding Techniques for High Energy Physics	HUETSCH, Nathan
1:39 PM	[185] Building sparse kernel methods via dictionary learning. Expressive, regularized and interpretable models for statistical anomaly detection	GROSSO, Gaia
1:42 PM	[3] pop-cosmos: comprehensive forward modelling of photometric galaxy survey data	THORP, Stephen
2:02 PM	[24] Calibrating Bayesian Tension Statistics with Neural Ratio Estimators	BEVINS, Harry
2:22 PM	[36] Machine learning for radiometer calibration in global 21cm cosmology	Mr LEENEY, Samuel Alan Kossoff
2:28 PM	[150] PolySwyft: a sequential simulation-based nested sampler	SCHEUTWINKEL, Kilian
2:31 PM	[71] Extracting Dark Matter Halo Parameters with Overheated Exoplanets	BENITO, María