

EuCAIFCon 2024

Tuesday, 30 April 2024

2.3 Simulation-based inference (14:50 - 15:55)

-Conveners: Roberto Ruiz de Austri

time	[id] title	presenter
14:50	[147] Characterizing the Fermi-LAT high-latitude sky with simulation-based inference	ECKNER, Christopher
14:53	[100] Simulation-Based Supernova Ia Cosmology	KARCHEV, Konstantin
14:56	[68] Optimizing bayesian inference in cosmology with Marginal Neural Ratio Estimation	FRANCO ABELLAN, Guillermo
14:59	[131] Stochastic Gravitational Wave Background Analysis with SBI	ALVEY, James
15:02	[166] COSMOPOWER: fully-differentiable Bayesian cosmology with neural emulators	SPURIO MANCINI, Alessio
15:22	[151] Networks Learning the Universe: From 3D (cosmological inference) to 1D (classification of spectra)	HENEKA, Caroline
15:42	[2] Anomaly aware machine learning for dark matter direct detection at DARWIN	SCAFFIDI, Andre
15:45	[120] Clustering Considerations for Nested Sampling	ORMONDROYD, Adam
15:48	[124] Enhancing Robustness: BSM Parameter Inference with n1D-CNN and Novel Data Augmentation	KOAY, Yong Sheng
15:51	[222] Fully Bayesian Forecasts with Neural Bayes Ratio Estimation	GESSEY-JONES, Thomas