EuCAIFCon 2024

Wednesday, 1 May 2024

4.2 Simulation-based inference (16:00 - 17:05)

-Conveners: Maurizio Pierini

time	[id] title	presenter
16:00	[4] Analyzing ML-enabled Full Population Model for Galaxy SEDs with Unsupervised Learning and Mutual Information	Dr DEGER, Sinan
16:03	[41] Convolutional neural network search for long-duration transient gravitational waves from glitching pulsars	TENORIO, Rodrigo
16:06	[217] Tuning neural posterior estimation for gravitational wave inference	KOLMUS, Alex
16:09	[137] Normalising flows for dense matter equation of state inference from gravitational wave observations of neutron star mergers	IRWIN, Jessica
16:29	[94] A Strong Gravitational Lens Is Worth a Thousand Dark Matter Halos: Inference on Small-Scale Structure Using Sequential Methods	WAGNER-CARENA, Sebastian
16:49	[25] Optimal, fast, and robust inference of reionization-era cosmology with the 21cmPIE-INN	SCHOSSER, Benedikt
16:52	[208] Simulation Based Inference from the CD-EoR 21-cm signal	SAXENA, Anchal
16:55	[83] Flexible conditional normalizing flow distributions over manifolds: the jammy-flows toolkit	Dr GLÜSENKAMP, Thorsten
16:58	[145] A deep learning method for the trajectory reconstruction of gamma rays with the DAMPE space mission	NUSSBAUM, Parzival