

Machine Learning at GGI - Conference

lunedì 5 settembre 2022

Astro/Cosmo (14:30 - 15:40)

time	[id] title	presenter
14:30	[19] A semi-supervised approach to dark matter searches in direct detection data with machine learning	SCAFFIDI, Andre
15:05	[18] Two machine learning based methods for field-level inference of cosmological parameters	MÜNCHMEYER, Moritz

Astro/Cosmo (15:40 - 16:15)

time	[id] title	presenter
15:40	[39] Recurrent NNs for fast signal discovery in pulsar timing arrays	FREYTSIS, Marat

martedì 6 settembre 2022

Astro/Cosmo (14:30 - 16:15)

time	[id] title	presenter
14:30	[20] Cosmological simulations of Galaxy formation supervised by Machine Learning algorithms	GRAZIANI, Luca
15:05	[21] Reconstructing blended galaxies with Machine Learning	NEMANI, Lavanya
15:40	[22] Digging into data cubes with Deep Learning	LONGO, Giuseppe

mercoledì 7 settembre 2022

Astro/Cosmo (16:45 - 17:20)

time	[id]	title	presenter
16:45	[48]	Applying DNN to extract nuclear matter properties from neutron stars	FERREIRA, Marcio

giovedì 8 settembre 2022

Astro/Cosmo (10:40 - 13:00)

time	[id] title	presenter
10:40	[23] NCPA mitigation using PCA and Neural Network	TERRERI, Alessandro
11:15	[24] Accelerating cosmological inference with Deep Learning	BONICI, Marco
11:50	[25] Graph-Convolutional Neural Networks as a new tool to extract clustering information of the Cosmic web	FARSIAN, Farida
12:25	[26] Optimal compression of the cosmic 21-cm signal	PRELOGOVIC, David

venerdì 9 settembre 2022

Astro/Cosmo (10:40 - 11:15)

time	[id] title	presenter
10:40	[47] Translation and Rotation Equivariant Normalizing Flows for cosmology and beyond	SELJAK, Uros