

Technical Meeting Spoke 3

Tuesday, 10 October 2023

Session 3: WP3 - Aula 1A - Conference (11:00 - 13:00)

-Conveners: Milena Valentini

time	[id] title	presenter
11:30	[21] WP3 Status	VITELLO, Fabio Roberto
11:45	[23] Machine Learning/Deep Learning algorithms for Gaia mission data analysis	Dr MONTI, Lorenzo
12:00	[24] ML for Cluster Cosmology analysis	COSTANZI ALUNNO CERBOLINI, Matteo
12:15	[22] Object detection, self-supervision and XAI using real and synthetic astronomical data	Dr CECCONELLO, Thomas
12:30	[25] Symmetric solutions for the N-body problem: a computational approach	Dr DE BLASI, Irene
12:45	[26] Improving photo-z estimation under covariate shift with StratLearn	Prof. TROTTA, Roberto

Session 3: WP3 - Aula 1A - Conference (14:00 - 16:00)

-Conveners: Pasquale Lubrano

time	[id] title	presenter
14:00	[31] Allucinating molecular cloud emission with Neural nets	PUGLISI, Giuseppe
14:15	[52] Deep learning of 87A-like supernovae progenitor characteristics: training the Inception model on synthetic data	PUGLISI, Giuseppe
14:30	[28] Graph neural network for track reconstruction in space experiments	Dr CUNA, Federica
14:45	[29] Map-level Emulation of CMB experimental systematics	Dr CAMPETI, Paolo
15:00	[30] Generative adversarial neural network for cosmic rays background simulations	CAVALLOTTO, Giovanni
15:15	[32] "Chemical tagging of field RR Lyrae to constrain the early formation and evolution of the Milky Way"	Dr BAEZA VILLAGRA, Karina
15:30	[33] Optimal compression and Simulation-Based Inference of the cosmic 21-cm signal	Mr PRELOGOVIC, David
15:45	[34] The Euclid survey: Improving cosmological constraints via BAO reconstruction	Dr SARPA, Elena