

Seventeenth Marcel Grossmann Meeting

Thursday, 11 July 2024

Cosmic Insights from Big Data: How Machine Learning is Decoding the Universe: Thursday block 1 - Cascella (15:00 - 16:30)

-Conveners: Giuseppe Angora; Lorenzo Bazzanini

time	[id] title	presenter
15:00	Session Introduction	
15:05	[313] Strengthening leverage of Astrominformatics in inter-disciplinary Science	Prof. BRESCIA, Massimo
15:32	[293] Leveraging Transfer Learning for Astronomical Image Analysis	Dr CAVUOTI, Stefano
15:59	[59] ML4GW: An AI-based pipeline for Real-time Gravitational Wave Analysis	KATSAVOUNIDIS, Erik
16:14	[136] DeepGraviLens: a multi-modal architecture for classifying gravitational lensing data	PINCIROLI VAGO, Nicolò Oreste

Cosmic Insights from Big Data: How Machine Learning is Decoding the Universe: Thursday block 2 - Cascella (17:00 - 18:30)

-Conveners: Lorenzo Bazzanini; Giuseppe Angora

time	[id] title	presenter
17:00	[271] Causal discovery in astrophysics	PASQUATO, Mario
17:27	[309] LEMON: Modelling strong gravitational lenses in a finger snap	Dr TORTORA, Crescenzo
17:42	[190] Using cGANs for Anomaly Detection: Hunting for Gravitational Lensing Systems in Euclid	PEARCE-CASEY, Ruby