

ML-at-SLAC 1st Workshop

Tuesday, 19 February 2019

Morning: Invited Talks 1 - 53-1-1350 Trinity (10:00 - 10:55)

-Conveners: Daniel Ratner

time	[id] title	presenter
10:00	[3] Introduction	TERAO, Kazuhiro
10:05	[4] Deep Learning at the Particle Physics Energy Frontier	Dr KAGAN, Michael
10:15	[5] HEP - Intensity Frontier: Deep Neural Networks for 2D/3D Particle Image Analysis	TERAO, Kazuhiro DOMINE, Laura
10:25	[6] HEP - Cosmic Frontier: Deep Generative Models for Astronomical Catalogs	Dr MARSHALL, Philip
10:35	[7] Stanford Galaxy Formation and Cosmology ML Research	MCLAUGHLIN, Sean MORNINGSTAR, Warren
10:45	[9] Machine Learning for the Heavy Photon Search	Dr SOLT, Matthew Dr MORENO, Omar

Morning: Invited Talks 2 - 53-1-1350 Trinity (11:05 - 12:00)

-Conveners: Kazuhiro Terao

time	[id] title	presenter
11:05	[16] Machine learning in computational surface chemistry	Dr VOSS, Johannes
11:15	[10] Improving Particle Accelerator Models with Machine Learning	Dr EDELEN, Auralee
11:25	[11] Bayesian optimization for FEL tuning: a step towards autonomous operation	Dr DURIS, Joseph
11:35	[12] Machine Learning based Analysis, Accelerator Directorate	Dr O'SHEA, Brendan
11:50	[13] ML Study: SPEAR3 BTS Injection Efficiency	WANG, Faya