

CS & Physics Meet-Up by Lamarr & B3D

Thursday, November 30, 2023

Pitch Talks: ML Methods and Application Examples (in Physics) - Joseph-von-Fraunhofer Strasse 25, Floor 3, Room 302 - Lamarr Co-Working Space (9:50 AM - 10:40 AM)

-Conveners: Jens Buss

time	[id] title	presenter
9:50 AM	[26] ML Appl. Example Neutrino + Neutrino Map of the Universe	Dr HUENNEFELD, Mirco
10:00 AM	[36] Class-conditional label noise	Dr BUNSE, Mirko
10:10 AM	[40] Deep Learning for real-time classification of astronomical radio signals	KAZANSREV, Andrei
10:20 AM	[35] Innovative approaches for galaxy cluster mass determination via deep learning	BASU, Kaustuv
10:30 AM	[55] Representing and rendering large noisy radio data cubes	Prof. HINKENJANN, André

Pitch Talks: Inverse Problems - Joseph-von-Fraunhofer Strasse 25, Floor 3, Room 302 - Lamarr Co-Working Space (2:00 PM - 2:50 PM)

-Conveners: Jens Buss

time	[id] title	presenter
2:00 PM	[21] Quantification	Dr BUNSE, Mirko
2:10 PM	[22] Solving Inverse Problems with Deep Learning	KONIETZNY, Sebastian Dr UELWER, Tobias
2:20 PM	[23] Unfolding in Astroparticle Physics	KARDUM, Leonora Prof. RHODE, Wolfgang
2:30 PM	[32] Atmospheric Noise Removal for FYST: Current Methods and ML Prospects	DEV, Ankur
2:40 PM	[39] Leveraging Machine Learning for Next-Generation Radio Pulsar Searches	Dr BALAKRISHNAN, Vishnu

Friday, December 1, 2023

Pitch Talks: Problems and data sources - Joseph-von-Fraunhofer Strasse 25, Floor 3, Room 302 - Lamarr

Co-Working Space (9:30 AM - 10:30 AM)

time	[id] title	presenter
9:30 AM	[16] Particle Shower Simulation	BAACK, Dominik
9:40 AM	[29] Radio Data Simulations	GEYER, Felix SCHMIDT, Kevin
9:50 AM	[38] Potential ML applications to accelerate ISM simulation	RATHJEN, Tim-Eric
10:00 AM	[14] ML Solutions for Time Series Problems	Dr SADALLAH, Amal
10:10 AM	[33] Time Series Data - Machine Learning For Observatory Sites	Dr TIMMERMANN, Ralf
10:20 AM	[43] P-adic numbers	Prof. LIEBIG, Thomas