

AI/ML for Particle Accelerator, X-Ray Beamlines and Electron Microscopy

Wednesday, 3 November 2021

Closing Session: Data, Computing and Modeling (13:30 - 15:45)

-Conveners: Nicholas Schwarz

time	[id] title	presenter
13:30	[28] Programmatic and Deep Learning Analysis Pipelines for 4D-STEM Materials Science Experiments	OPHUS, Colin
13:55	[29] MLEExchange, bringing machine learning to the beamline	HEXEMER, Alexander
14:20	[30] The FNAL accelerator complex initial ML efforts and a conceptual AI roadmap for operations	MICELI, Tia
14:45	[31] Surrogate Models for Beam Transport and Particle Tracking	MARTINEZ, Jose
15:05	[32] Open / Speaker Panel Discussion	
15:40	[33] Closing Remarks	MUSTAPHA, Brahim HEINONEN, Olle