2020 NP Roundtable Zoom Meeting on Machine Learning and Artificial Intelligence (ML/AI) for NP Accelerator Facilities
Thursday, January 30, 2020
2:00-5:30 pm ET

Talk #	Time	Dur.* (min)	Thursday, January 30, 2020	Institution	Presentation Title
1	2:00 PM	15	2:00-5:30 pm ET	DOE NP	Introduction
2	2:15 PM	25	Chris Tennant	TJNAF	AI at Jefferson Lab
3	2:40 PM	18	Lasitha Vidyaratne / Khan Iftekharuddin	ODU	Application of Machine Learning and Deep Learning for (Real-Time) SRF Cavity Fault Detection and Classification
4	2:58 PM	25	Steve Lidia	MSU/FRIB	Towards AI enabled high-power heavy ion facility with confidence
5	3:23 PM	20	Clay Dickerson	ANL-ATLAS	Opportunities for ML/AI at ATLAS
6	3:43 PM	15	Brahim Mustapha	ANL	Potential ML/AI Applications for Accelerator Design & Simulation
	3:58 PM	10	Break		
7	4:08 PM	20	Damon Todd	LBNL/88-inch	Superconducting ECR ion sources: an untapped application of artificial intelligence and its superhuman patience
8	4:28 PM	20	Philip Dyer	BNL-RHIC	Machine Learning Efforts within BNL C-AD Controls Group
-	4:48 PM	15	Robert Burch	TAMU	Utilizing ML/AI to optimize the day to day operations of the Cyclotron Institute's accelerator facilities
9	5:03 PM	15	Ying Wu		Machine Learning—Examples from Particle Accelerators
	5:18 PM	10	All		
	5:28 PM	2	Closing Remarks		
	5:30 PM		Adjourn		
		* : Talk duration includes 5 minutes Q/A.			

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Meeting ID: 553 737 163