

2nd workshop on Artificial Intelligence for the Electron Ion Collider

Monday, October 10, 2022

AI/ML for Design - room 1019 (2:00 PM - 5:00 PM)

-Conveners: Wouter Deconinck; Evaristo Cisbani

time	[id] title	presenter
2:00 PM	[M] Tutorial on Ax/Botorch: Multi-Objective Optimization	BALANDAT, Max
2:45 PM	Discussion	
2:55 PM	[M] Adaptive experimentation to assist detector design at EIC: from ECCE to ePIC and beyond	SURESH, karthik
3:15 PM	Q/A	
3:20 PM	[M] AI-driven detector design for the EIC	NACHMAN, Benjamin
3:40 PM	Q/A	
3:45 PM	Coffee Break	
4:00 PM	[M] ML application for beam optics control in the LHC	FOL, Elena
4:20 PM	Q/A	
4:25 PM	[M] AI/ML overview for accelerator design activities	SATOGATA, Todd
4:45 PM	Q/A	
4:50 PM	Discussion	