4th ICFA Beam Dynamics Mini-Workshop on Machine Learning Applications for Particle Accelerators

Tuesday, March 5, 2024

Tutorials: Transformer Tutorial (9:00 AM - 10:30 AM)

   -**Conveners: Anton Lu; Hirokazu Maesaka; Ilya Agapov**

time	[id] title	presenter
9:00 AM	[93] Transformer Tutorial	LU, Anton

Tutorials: Model Up-Keep with Continual Learning Tutorial (11:00 AM - 12:30 PM)

   -**Conveners: Kishansingh Rajput; Ilya Agapov; Hirokazu Maesaka**

time	[id] title	presenter
11:00 AM	[79] Model up-keep with continual learning	RAJPUT, Kishansingh

Tutorials: Applying Reinforcement Learning to Particle Accelerators Talk & Tutorial (1:30 PM - 3:20 PM)

   -**Conveners: Ilya Agapov; Hirokazu Maesaka; Jan Kaiser; Andrea Santamaria Garcia; Chenran Xu**

time	[id] title	presenter
1:30 PM	[34] Learning to Do or Learning While Doing: Reinforcement Learning and Bayesian Optimisation for Online Continuous Tuning	XU, Chenran
1:50 PM	[75] Applying Reinforcement Learning to Particle Accelerators: An Introduction	SANTAMARIA GARCIA, Andrea XU, Chenran KAISER, Jan