实验粒子物理计算研讨会（2024）

Thursday, 11 July 2024

人工智能和机器学习的应用 (16:10 - 17:45)

-Conveners: Gang LI

time	[id] title	presenter
16:10	[16] Machine learning applications in JUNO	DUYANG, Hongyue
16:55	[9] GNN Tracking at the DarkSHINE Experiment Searching for Dark Photons in the Visible Decay Channel	LU, Zejia
17:20	[12] The particle identification study based on neural networks for CEPC AHCAL prototype test beam data	SONG, Siyuan

Friday, 12 July 2024

人工智能和机器学习的应用 (11:05 - 11:50)

  -Conveners: Ye Yuan

time	[id] title	presenter
11:05	[23] AI for complex physical simulation and inverse design	吴，泰霖

人工智能和机器学习的应用 (13:30 - 15:25)

  -Conveners: Zuhao LI

time	[id] title	presenter
13:30	[19] Dr.Sai: An AI Agent for Physical Analysis of BESIII Experiment	ZHANG, Zhengde
14:15	[14] Accelerating resonance search at the LHC via signature-oriented pre-training	LI, Congqiao
15:00	[15] Fast Simulation and Evaluation of Pandax-II Data using GANs	XU, Jianqin

人工智能和机器学习的应用 (15:55 - 17:50)

  -Conveners: Liang Li

time	[id] title	presenter
15:55	[7] Towards Graph Transformers at Scale	WU, Qitian
16:40	[4] Graph Neural Networks for High Energy Physics	QU, Huilin
17:25	[6] GNN based tracking reconstruction in the Muon g-2 Experiment	LI, Bingzhi

Saturday, 13 July 2024

人工智能和机器学习的应用 (09:00 - 10:10)

-Conveners: 勋 谌

time	[id] title	presenter
09:00	[20] Jet Origin ID and Its Impact on Higgs factory and High Energy frontier	RUAN, Manqi
09:45	[5] Jet Classify with More Interaction Particle Transformer	WANG, Kun

人工智能和机器学习的应用 (10:30 - 11:15)

-Conveners: 勋 谌

time	[id] title	presenter
10:30	[13] Neutral Hadron Reconstruction at BESIII: new developments and challenges	SONG, Yunxuan