Fast Machine Learning for Science Workshop 2023

Monday 25 September 2023

Invited Talks - Blackett Laboratory, Lecture Theatre 1 (09:30 - 10:30)

time	[id] title	presenter
09:30	[65] Workshop Opening	TAPPER, Alex SUMMERS, Sioni Paris
09:45	[66] Fast Machine Learning at the Large Hadron Collider experiments	AARRESTAD, Thea

Invited Talks - Blackett Laboratory, Lecture Theatre 1 (11:00 - 12:30)

time	[id] title	presenter
11:00	[67] Fast Machine Learning at European XFEL	APLIN, Steve
11:45	[75] Bridging AI and biomedicine: Towards AI-driven scientific discoveries	BRBIC, Maria

Tuesday 26 September 2023

Invited Talks - Blackett Laboratory, Lecture Theatre 1 (09:00 - 10:30)

time	[id] title	presenter
09:00	[38] Fast Machine Learning for accelerator control	RATHSMAN, Karin
09:45	[68] Fast Machine Learning for laser wakefield acceleration	STREETER, Matt

Invited Talks - Blackett Laboratory, Lecture Theatre 1 (11:00 - 12:30)

time	[id] title	presenter
11:00	[69] Fast ML for fusion simulation, optimization, and control	CITRIN, Jonathan
11:45	[70] Machine Learning in Exoplanet Characterisation	WALDMANN, Ingo YIP, Kai Hou

Wednesday 27 September 2023

Invited Talks - Blackett Laboratory, Lecture Theatre 1 (09:00 - 10:30)

time	[id] title	presenter
09:00	[71] Co-Design for Efficient & Adaptive ML	UMUROGLU, Yaman
09:45	[72] In network ML: Inference at the Speed of Data	ZILBERMAN, Noa

Invited Talks - Blackett Laboratory, Lecture Theatre 1 (11:00 - 12:30)

time	[id] title	presenter
11:00	[73] Need for Speed: How to harness the power of Large Language Models	BECKER, Tobias
11:45	[74] Deep Learning for Fast MR Imaging and Analysis	QIN, Chen