EuCAIFCon 2024

Tuesday, 30 April 2024

2.2 Generative models & Simulation of physical systems (14:50 - 15:55)

   -Conveners: Tommaso Dorigo

time	[id] title	presenter
14:50	[102] Emulation by committee: faster AGN fitting	RICKETTS, Benjamin
14:53	[72] Estimating classical mutual information for spin systems and field theories using generative neural networks	Dr KORCYL, Piotr
14:56	[66] CaloMan: Fast generation of calorimeter showers with density estimation on learned manifolds	REYES-GONZALEZ, Humberto
14:59	[96] Flow-based generative models for particle calorimeter simulation	KRAUSE, Claudius
15:02	[32] The MadNIS Reloaded	WINTERHALDER, Ramon
15:22	[121] Advancing Generative Modelling of Calorimeter Showers on Three Frontiers	BUSS, Thorsten
15:42	[59] The Calorimeter Pyramid: Rethinking the design of generative calorimeter shower models	SCHNAKE, Simon
15:45	[76] Choose Your Diffusion: Efficient and flexible way to accelerate the diffusion model dynamics in fast physics simulation	JIANG, Cheng
15:48	[91] Diffusion meets Nested Sampling	YALLUP, David
15:51	[90] Calculating entanglement entropy with generative neural networks	ZAPOLSKI, Dawid