

German Japanese Workshop 2024

Wednesday, September 25, 2024

Algorithms and Machine learning - Institut für Kernphysik (2:10 PM - 3:55 PM)

time	[id] title	presenter
2:10 PM	[9] Gauge-equivalent neural networks for multigrid preconditioners	WETTIG, Tilo
2:35 PM	[10] Sign problem and the Worldvolume HMC method I: basic algorithm	FUKUMA, Masafumi
3:05 PM	[11] Sign problem and the Worldvolume HMC method II: various applications	NAMEKAWA, Yusuke
3:25 PM	[12] New developments in numerical studies of quantum time-evolution based on the real-time path integral	Prof. NISHIMURA, Jun

Algorithms and Machine learning - Institut für Kernphysik (4:25 PM - 4:50 PM)

time	[id] title	presenter
4:25 PM	[15] Multigrid Solvers in Bridge++	KANAMORI, Issaku

Friday, September 27, 2024

Algorithms and Machine learning - Institut für Kernphysik (10:10 AM - 10:35 AM)

time	[id] title	presenter
10:10 AM	[31] Parallel tempered meta-dynamics: An algorithm with potential	HOELBLING, Christian

Algorithms and Machine learning - Institut für Kernphysik (11:00 AM - 12:35 PM)

time	[id] title	presenter
11:00 AM	[32] Machine learning in lattice gauge theory	TOMIYA, Akio
11:30 AM	[33] Noise reduction techniques based on machine learning	WITTIG, Hartmut
11:55 AM	[34] Machine learning estimation on the trace of inverse Dirac operator	OHNO, Hiroshi