Session Program

February 27, 2023 to March 3, 2023

Machine Learning approaches in Lattice QCD - An interdisciplinary exchange

ML as component of exact algorithms

Institute for Advanced Study of the Technische Universität München
Lichtenbergstraße 2a 85748 Garching Germany

Wed, March 1

2:30 PM

ML as component of exact algorithms

Session |
Location: Institute for Advanced Study of the Technische Universität München, Lichtenbergstraße 2a 85748 Garching Germany |
Convener: Phiala Shanahan

2:30 – 3:00 PM

Building Transport Maps and Making Good Use of Them

Speaker
Michael Albergo

Location
Institute for Advanced Study of the Technische Universität München, Lichtenbergstraße 2a 85748 Garching Germany

3:00 – 3:25 PM

Automatic differentiation for Lattice QCD

Speaker
A. Ramos

Location
Institute for Advanced Study of the Technische Universität München, Lichtenbergstraße 2a 85748 Garching Germany

3:25 – 3:55 PM

Symbolic Distillation of Neural Networks

Speaker
Miles Cranmer

Location
Zoom, https://tum-conf.zoom.us/j/68490931000 Meeting-ID: 684 9093 1000 Passcode: ML4Lattice

3:55 – 4:35 PM

Panel discussion: 1. Meaning of "exact" algorithms 2. in-principle vs in-practice exactness 3. applications for exactness

Speakers
Chair: Phiala Shanahan, Members: Michael Albergo, Andrei Alexandru, Miles Cranmer

Location
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4:35 PM