19th International Conference on QCD in Extreme Conditions (XQCD 2023)

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Machine learning for lattice field theory and back

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Recently, machine learning has become a popular tool to use in fundamental science, including lattice field theory. Here I will review on some recent ideas, including normalising flow, phase classification and quantum-field theoretical machine learning. The latter combines insights of lattice field theory and machine learning to provide a fresh perspective on (hopefully) both.

Presenter: AARTS, Gert

Session Classification: Invited Speaker Session