

Talk 8 - Srijit Paul (University of Maryland, USA): Machine Learning in Measurements

Wednesday 29 October 2025 16:30 (1h 30m)

We summarize the recent machine learning efforts to tackle the computational and analytical challenges one faces in performing a lattice measurement. We start with direct methods which take in configurations and try to predict the final physical observable/correlator. Next, we briefly touch upon ML methods to perform inversions. Finally we elaborate on various noise reduction and computational effort reduction strategies using ML techniques.