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Beyond Kinematics for Optimal Hadronic Top Quark Polarimetry II

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Top quark polarization measurements provide observables that are sensitive to new physics. The down-type fermion from the W decay is the most powerful spin analyzer from top, which is not straightforward to measure in hadronic decays. Most applications measure top quark spin via an optimal hadronic spin analyzer built from kinematics. In this talk, we discuss how to improve the optimal hadronic polarimetry utilizing machine learning with information beyond simple kinematics.

Mini Symposia (Invited Talks Only)

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