ID de Contribution: **34**   Type: **Non spécifié**

Anomaly detection in particle physics

mercredi 6 mars 2024 14:00 (45 minutes)

Anomaly detection is mostly considered in searches for either outlier events or accumulation of events disagreeing with a priorly known distribution. The emergence of advanced machine learning (ML) techniques opens many new opportunities of detecting anomalies also in collider experiments. I will review traditional as well as state of the art ML-based anomaly detection concepts and algorithms as well as scientific results obtained applying them to collider data.

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Classification de Session: Invited