

Anomaly Awareness for new physics searches

Monday 20 July 2020 17:00 (9 minutes)

In this talk we will present a new algorithm to search for new physics called Anomaly Awareness. By making our algorithm ‘aware’ of the presence of a range of different anomalies, we improve its capability to detect anomalous events even when it hasn’t been exposed to them in the past. As an example, we apply this method to boosted jets and use it to uncover new resonances or EFT effects.

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