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Introduction to Anomaly Detection Challenge

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The data challenge is “anomaly detection @ 40 MHz” for which the biggest concern is to fit an algorithm in the tight constraints, which are presented in the talk. Considering as a benchmark an inclusive data stream, which has been pre-filtered by requiring the presence of one lepton, we discuss different possible strategies to detect new physics events as anomalies. The main goal of the challenge is to then seek for new ideas on how to do anomaly detection.

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