# Boosting sensitivity to new physics at the LHC with anomaly detection

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Anomaly detection techniques have been proposed as a way to mitigate the impact of model-specific assumptions when searching for new physics at the LHC. In this talk I will discuss how these techniques, when based on modern AI developments, could be utilized at different stages of data processing workflow, from real-time systems to offline analysis, and the impact they could have to revolutionize the current paradigms in the search for new physics.