

# Anomaly detection in a perspective of interdisciplinary research

*Friday 4 November 2022 14:00 (20 minutes)*

Following the previous work of leveraging Standard Model jet classifiers as generic anomalous jet taggers (<https://arxiv.org/abs/2201.07199>), we present an analysis of regularized SM jet classifiers serving as anti-QCD taggers. In the second part of the presentation, from the perspective of interdisciplinary research, we initiate a discussion on the opportunities and challenges involved in the pipeline of applying deep learning techniques in scientific discovery.

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