

## Deep Inelastic Scattering 2025



Contribution ID: 28

Type: **not specified**

# Classifying hadronic objects in ATLAS with ML/AI algorithms

*Tuesday 25 March 2025 11:22 (20 minutes)*

Hadronic object reconstruction & classification is one of the most promising settings for cutting-edge machine learning and artificial intelligence algorithms at the LHC. In this contribution, highlights of ML/AI applications by ATLAS to QCD and boosted-object identification, MET reconstruction and other tasks will be presented.

**Author:** ČEPAITIS, Vilius (Université de Genève (CH))

**Presenter:** ČEPAITIS, Vilius (Université de Genève (CH))

**Session Classification:** WG4: QCD with Heavy Flavors and Hadronic Final States

**Track Classification:** QCD with Heavy Flavors and Hadronic Final States