Type: Parallel session talk

## Classifying hadronic objects in ATLAS with ML/Al algorithms

Thursday 18 July 2024 10:00 (15 minutes)

Hadronic object reconstruction 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 particle and boosted-object identification, MET reconstruction and other tasks will be presented.

## Alternate track

## I read the instructions above

Yes

Primary authors: XU, Da (Chinese Academy of Sciences (CN)); DELIOT, Frederic (Université Paris-Saclay

(FR))

Presenter: XU, Da (Chinese Academy of Sciences (CN))

Session Classification: Strong interactions and Hadron Physics

Track Classification: 06. Strong Interactions and Hadron Physics