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(Withdraw) New methods for missing transverse momentum triggers at ATLAS Run 3

The ATLAS trigger system underwent major upgrades between 2018-2022. In particular, the level-1 calorimeter (L1Calo) hardware trigger has been upgraded, and tracking introduced in the software-based missing transverse momentum triggers. In this talk, I will present preliminary performance projections for the L1Calo missing transverse momentum triggers. I will also describe the algorithms in the high-level trigger incorporating tracking and machine learning.

Career stage

Faculty/Scientist

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