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Calibration of the Jet Vertex Tagger algorithm in the ATLAS detector

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This work uses jet-vertex tagger (JVT) and forward jet-vertex-tagger (fJVT) which discriminate pile-up events from high scattering processes coming from the first vertex and thus calibrate these algorithms by determining the scaling factors of their efficiency with their corresponding uncertainties using data from the ATLAS experiment.

Authors: SANDOVAL USME, Carlos (Universidad Nacional de Colombia); Ms CAVIEDES BETANCOURT, Laura Juliana (Universidad Nacional de Colombia (CO))

Presenter: Ms CAVIEDES BETANCOURT, Laura Juliana (Universidad Nacional de Colombia (CO))

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