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A new top jet tagging algorithm for highly boosted top jets

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A new top jet tagging algorithm ({\tt CATopTag}) is presented, that uses the Cambridge-Aachen jet finding algorithm to decompose highly boosted top jets into subjet components and examine kinematics of those subjets. It is found that this algorithm has a rejection rate of approximately 98\% for non-top jets with $p_T = 600$ GeV/c, while retaining approximately 46\% of top jets with $p_T > 600$ GeV/c.

Primary authors: WYSLOUCH, Boleslaw (MIT);   Mr RAPPOCCIO, Salvatore (Johns Hopkins University)

Presenter: Mr RAPPOCCIO, Salvatore (Johns Hopkins University)

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