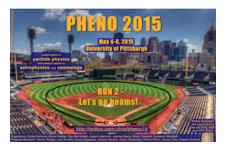
## Phenomenology 2015 Symposium



Contribution ID: 39

Type: parallel talk

## Flavor Tagging TeV Jets for BSM and QCD

Monday 4 May 2015 14:45 (15 minutes)

Track based techniques for tagging bottom-quark jets lose efficiency in the highly boosted regime. Many interesting channels require tagging of at least one b-jet ( $W' \rightarrow tb, Z' \rightarrow t\bar{t}/b\bar{b}$ , etc). We present a new method to tag b-jets with  $p_T = O$  (TeV).

Primary author: PEDERSEN, Keith (Illinois Institute of Technology)
Co-author: Prof. SULLIVAN, Zack (Illinois Institute of Technology)
Presenter: PEDERSEN, Keith (Illinois Institute of Technology)
Session Classification: QCD I