

## **RNN Tau Identification within the ATLAS HLT**

*Friday, 26 October 2018 16:55 (10 minutes)*

Inspired by developments from the Tau Combined Performance group, the Tau Trigger group recently introduced a Recurrent Neural Network architecture to identify HLT tau leptons in place of our previous Boosted Decision Tree architecture. In this talk, I'll summarize the implementation and performance of this new RNN tau identification scheme within the HLT.

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**Session Classification:** Young Physicists' Lightning Round Session 4