Session Program

19 February 2020

10th LHC students poster session

Physics and detector performance

CERN, 61/1-201 - Pas perdus - Not a meeting room -

Wednesday 19 February

17:08

Physics and detector performance
Session | **Location:** CERN, 61/1-201 - Pas perdus - Not a meeting room -

17:08–17:09

Identification of hadronic tau lepton decays using neural networks in the ATLAS experiment

Speaker

Christopher Deutsch

17:09–17:10

Scale-factor smoothing for flavor-tagging efficiency calibration in ATLAS

Speaker

Hayden Smith

17:10–17:11

ATLAS Inner Detector Alignment: Inclusion of Insertable B-Layer sensor shape

Speaker

Julian Wollrath

17:11–17:12 **Fast Calorimeter Simulation in ATLAS: FastCaloSimV2**

Speaker

Sean Joseph Gasiorowski

17:12–17:13 **Pileup mitigation techniques in CMS**

Speaker

Anna Benecke

17:13–17:14

A deep neural network-based tagger to search for new long-lived particle states decaying to jets with CMS detector

Speaker

Vilius Cepaitis

17:14–17:15 **Flavour Tagging at the LHCb experiment**

Speaker

Marc Quentin Fuhring

17:15–17:16

SMOG2 reconstruction performance: fixed-target physics at the LHCb experiment from Run3

Speaker

Saverio Mariani

17:16–17:17 **LHCb's Real-time Analysis Project and Development of Fast Tracking**

Speakers

Andre Gunther, André Günther, André Günther

19:03