

Session Program

17-22 Sept 2017

**Top2017 - 10th International Workshop on
Top Quark Physics**

Young Scientist Forum

Hoteis Bom Jesus: Room Torres, 1st Floor Colonata Events

Tuesday 19 September

17:30

Young Scientist Forum

Session | **Location:** Hoteis Bom Jesus: Room Torres, 1st Floor Colonata Events, | **Conveners:** Rui Alberto Serra Ribeiro Dos Santos, Mark Andrew Owen

17:30-17:40 **Inclusive $t\bar{t}b\bar{b}$ cross sections at CMS**

Speaker

Juan Rodrigo Gonzalez Fernandez

17:40-17:50 **Search for SM production of four top quarks (CMS)**

Speaker

Nick J Amin

17:50-18:00 **Measurement of rare top production at 13TeV (CMS)**

Speaker

Nicolas Tonon

18:00-18:10

Understanding the impact of Pythia hadronization in top quark mass determinations at the LHC

Speaker

Doojin Kim

18:10-18:20 **Boosted Top Tagging with Long Short-Term Memory Networks**

Speaker

Shannon Egan

18:20-18:30

measurement of the $t\bar{t}b\bar{b}$ differential cross-sections using highly-boosted top quarks decaying to the all-hadronic channel at 13 TeV in ATLAS

Speaker

Kyle James Read Cormier

18:30-18:40 **Measurement of colour flow in $t\bar{t}b\bar{b}$ events at 13 TeV in ATLAS**

Speaker

Fabian Wilk

18:40-18:50

Measurement of the inclusive $t\bar{t}b\bar{b}$ cross-section in the lepton+jets channel at 8 TeV in ATLAS

Speaker

Arwa Bannoura

19:00