

Session Program

6-19 Jun 2012

**2012 EUROPEAN SCHOOL OF HIGH-ENERGY
PHYSICS**

STUDENT PROJECTS

Anjou

Sunday 17 June

20:00

STUDENT PROJECTS

Session | Location: Anjou

20:00–20:10

Measurement of the Top Quark Mass with the Template Method in the $t\bar{t} \rightarrow \text{lepton} + \text{jets}$ Channel using ATLAS Data

Speaker

Anthony Hawkins

20:20–20:30

Measurement of the top quark pair production cross-section with ATLAS in pp collisions at 7 TeV using $n\ell$ states with an electron or a muon and a hadronically decaying tau

Speaker

Konstantin Kanishchev

20:40–20:50

Review of measurement of the B^0_s - $B^0_{s^*}$ oscillation frequency Δm_s in $B^0_s \rightarrow D^0 \pi$ decays with the LHCb detector

Speaker

Robert Najem Clarke

21:00–21:10

Evidence for CP violation in time-integrated $D^0 \rightarrow h^- h^+$ decay rates

Speaker

Joseph McCartin

21:20–21:30

$t\bar{t}$ Charge Asymmetry in 1.04 fb $^{-1}$ ATLAS

Speaker

Caitlin Malone

21:40–21:50

Search for New Physics in $t\bar{t}$ Final State in Boosted Regime at CMS

Speaker

Samuel Ross Meehan

22:00