

ASP2014

Report of Abstracts

Abstract ID : **116**

Towards Physics Results from LHC Experiments

Abstract content

Status: The lecture will guide the students through the different steps needed for physics analysis at LHC experiments. The aim is to have a comprehensive overview on how an analysis is performed and physics results extracted. Particle ID algorithms, global event reconstruction, kinematic selection, signal optimization as well as background rejection will be covered. A simple analysis example, most probably $t\bar{t}$ cross section or a Higgs signal measurement, will be presented at the end of the lecture as a summary. Possible Overlap: SM Results

Summary

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Status: SUBMITTED

Submitted by **MUANZA, Steve Guy** on **Sunday 03 August 2014**