

Session Program

2-6 Dec 2024

**9th ComHEP: Colombian Meeting on High
Energy Physics**

LHC and Neutrino experiments

Wednesday 4 December

09:00

LHC and Neutrino experiments

Session | Location: Sede centro Universidad de Nariño, Paraninfo | Convener: Carlos Sandoval Usme

09:00-10:00 Soft QCD, diffraction and exclusivity at high-energy collisions

Speaker
Marek Tasevsky

10:00-10:25
Quantum tomography and entanglement of top quarks at the LHC with the CMS experiment.

Speaker
Juan Duarte

10:25-10:55 Break

10:55-11:10
Studies on resolved and boosted overlaps in the HH to bb $\tau\tau$ processes

Speaker
Miguel Angel Garcia Ruiz

11:10-11:25 R22 Lund Jet Plane Tagger

Speaker
Jean Pierre Cifuentes Salazar

11:25-11:40 Plano de Lund para jets simulados por medio de MadGraph.

Speaker
Luis Felipe De La Ossa Mayorga

11:40-11:55 Boosted VBF HH \rightarrow 4b HL-LHC projections

Speaker
Jose Alejandro Portela Robayo

13:00