

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