

Session Program

30 November 2020 to 4 December 2020



5th ComHEP: Colombian Meeting on High Energy Physics

Heavy flavour

Thursday 3 December

08:00

Heavy flavour

Session | **Location:** | **Conveners:** Richard Benavides, Jairo Alexis Rodriguez

08:00–08:30 **Review on CPV and mixing in the charm system**

Speaker

Alberto Correa Dos Reis

08:30–08:40 **Questions**

08:40–09:10 **Searching for flavored new physics at the LHC**

Speaker

Jorge Martin Camalich

09:10–09:20 **Questions**

09:20–09:50 **Challenges for the 3-3-1 models**

Speaker

VICENTE PLEITEZ

09:50–10:00 **Questions**

10:00–10:15 **Break**

10:15–10:35 **Production and properties of the $B_c(2S)$ and $B^*c(2S)$ states**

Speaker

Manuel Alejandro Rodriguez Giraldo

10:35–10:55

Light pseudoscalar and axial meson spectroscopy via an AdS/QCD modified soft wall model

Speaker

Santiago Cortes

10:55–11:15 **Flavored axions and the flavor problem**

Speaker

Eduardo Rojas

11:15–11:35

Addressing the $R(D)$ and $R(D^*)$ anomalies within a charged scalar boson scenario

Speaker

Nestor Quintero

11:35–11:55 **Discussion**

12:00