

MOCa 2019: Materia Oscura en Colombia

Monday, 30 September 2019

Plenaries (09:00 - 10:30)

time	[id] title	presenter
09:00	[14] Mirror world dark matter	FONG, Chee Sheng
10:00	[5] Phenomenological and experimental searches for compressed stau-neutralino production at the LHC	Mr SEGURA, Alejandro

Plenaries (11:00 - 12:00)

time	[id] title	presenter
11:00	[12] Top Quark Interactions in Simplified Dark Matter Models	Dr MORENO BRICEÑO, Alexander
11:30	[15] Charged current $b \rightarrow c\tau\nu^{-}\tau$ anomalies in a general W' boson scenario	ROJAS, Eduardo

Plenaries (14:00 - 15:30)

time	[id] title	presenter
14:00	[18] Anapole Dark Matter via Vector Boson Fusion Processes at the LHC	FLOREZ BUSTOS, Carlos Andres
14:30	[20] Search for Electroweakinos produced via Vector Boson Fusion with the CMS detector in proton-proton collisions at $\sqrt{s} = 13$ TeV	AVILA BERNAL, Carlos
15:00	[19] Searching for DM and HNL with the ATLAS detector	NAVARRO, Gabriela Alejandra

Plenaries (16:00 - 17:00)

time	[id] title	presenter
16:00	[11] Dark matter halo shapes in the Auriga simulations	FORERO-ROMERO, Jaime
16:30	[9] Simulando materia oscura colisional	ACEVEDO BARROSO, Javier Alejandro

Tuesday, 1 October 2019

Plenaries (09:00 - 10:30)

time	[id] title	presenter
09:00	[10] Materia Oscura: retos y problemas abiertos	E. YAGUNA, Carlos
09:30	[3] Singlet-Doublet Dirac Dark Matter and Neutrino Masses	Dr RIVERA ROMERO, Andrés Felipe
10:00	[4] Reconstructing Non-standard Cosmologies with Dark Matter	BERNAL, Nicolás

Plenaries (11:00 - 12:00)

time	[id] title	presenter
11:00	[8] Multicomponent dark matter and the inert doublet model	BETANCUR RODRÍGUEZ, Amalia
11:30	[6] On the Optical Properties of Cosmic Telescopes: A Spectroscopy study of the inner core of a Massive Galaxy Cluster	Dr DELGADO-CORREAL, Camilo

Plenaries (14:00 - 15:00)

time	[id] title	presenter
14:00	[13] Axion inflation with derivative a coupling to the gravitational field	Mr BELTRAN, Juan Pablo
14:30	[7] Einstein Yang-Mills Higgs dark energy revisited	Mr ORJUELA-QUINTANA, J. Bayron

Plenaries (15:30 - 17:00)

time	[id] title	presenter
15:30	[16] Dark Matter in Non Standard Cosmologies	UNWIN, James
16:30	[17] Round table	