

MOCa 2o2o: Materia Oscura en Colombia

Wednesday, 7 October 2020

MOCa (09:00 - 10:25)

time	[id] title	presenter
09:00	[22] Welcome	
09:10	[8] Some phenomenological consequences of neutrino emission from primordial black holes	PEREZ, Yuber
09:35	[6] Sterile Neutrino Dark Matter via Secret Neutrino Interactions	TANGARIFE, Walter
10:00	[12] DDDD	Prof. RESTREPO, Diego

MOCa (10:45 - 12:00)

time	[id] title	presenter
10:45	[9] The Z5 model of two-component dark matter	ZAPATA, Oscar
11:10	[19] Neutron star constraints on dark matter	GARANI RAMESH, RAGHUVVEER
11:35	[10] Bound States and dark matter	Dr GARCIA CELY, Camilo

MOCa (14:00 - 15:15)

time	[id] title	presenter
14:00	[13] Majoron Dark Matter and Neutrino Masses In The Type 1 Seesaw Mechanism	ARDILA, Gustavo
14:25	[3] Flavored axions and the flavor problem	ROJAS, Eduardo
14:50	[5] Dynamical Symmetry Breaking and Fermion Mass Hierarchy in the Scale-Invariant 3-3-1 Model	SANCHEZ-VEGA, Bruce

MOCa (15:35 - 16:50)

time	[id] title	presenter
15:35	[18] Axions and Cosmic Strings	FERNANDEZ, Nicolas
16:00	[17] Chiral Gravitational Waves and Primordial Black Holes in Axion Inflation	BELTRAN, Juan Pablo
16:25	[7] Boosting Freeze-in through Thermalization	BERNAL, Nicolás

Thursday, 8 October 2020

MOCa (09:00 - 10:15)

time	[id] title	presenter
09:00	[15] The SENSEI Experiment: An Ultrasensitive Search for Sub-GeV Dark Matter	CABABIE, Mariano
09:25	[21] Unimodular Gravity and diffusion processes in the dark sector: a possible solution to the H0 tension	XAVIER LINARES CEDEÑO, Francisco
09:50	[14] Polar ring structures in simulations of minor mergers of galaxies.	Prof. MUÑOZ CUARTAS, Juan Carlos

MOCa (10:35 - 12:00)

time	[id] title	presenter
10:35	[4] Non-particle dark matter from Hubble parameter	POPLAWSKI, Nikodem
11:00	[24] Probing Compressed Higgsino Models via Vector Boson Fusion Processes at the LHC	Ms CARDONA CAÑAVERAL, Nathalia
11:25	[23] Conclusions	