

5th ComHEP: Colombian Meeting on High Energy Physics

Thursday 3 December 2020

Cosmology / Astroparticles (14:00 - 18:35)

-Conveners: Nicolás Bernal; Oscar Alberto ZAPATA NOREÑA; Alex Tapia

time	[id] title	presenter
14:00	[89] Cosmic Rays Experiments in Latin America	ASOREY, Hernan
14:30	Questions	
14:40	[90] A guidance for building dark energy models	GOMEZ, gabriel
15:10	Questions	
15:20	[53] Systematically building the generalized Proca and SU(2) Proca theories of gravity and beyond	GALLEGO CADAVID, ALEXANDER
15:40	[3] Anisotropic Einstein Yang-Mills Higgs Dark Energy	ORJUELA-QUINTANA, JOHN BAYRON
16:00	[38] Anisotropic solid dark energy	MOTOA MANZANO, Josue
16:20	Break	
16:35	[10] Towards the one-loop galaxy bispectrum in the weak field approximation	CASTIBLANCO, Lina
16:55	[59] Cosmological implications of electroweak vacuum instability: constraints on the Higgs curvature coupling from inflation	MANTZIRIS, Andreas
17:15	[67] El Sistema Global de Asimilación de Datos GDAS, para la estimación del flujo de fondo de astropartículas a nivel del suelo en la colaboración LAGO	GRISALES, Jennifer
17:35	[60] Estimation of the contribution of Muon Forward Scattering to the signal registered by the MuTe detector	Mr DE LEÓN, Ricardo
17:55	[64] Estimation of the effective dose from cosmic radiation received during a commercial flight passing through the South Atlantic anomaly	Prof. BECERRA VILLAMIZAR, Daniel Camilo
18:15	[99] Discussion	