

Roadmap of Dark Matter models for Run 3

Friday, May 17, 2024

Dark showers - 40/S2-D01 - Salle Dirac (9:00 AM - 1:00 PM)

-Conveners: Annapaola De Cosa; Suchita Kulkarni; Sukanya Sinha

time	[id] title	presenter
9:00 AM	[50] Introduction	DE COSA, Annapaola KULKARNI, Suchita SINHA, Sukanya
9:05 AM	[30] Strongly-interacting dark sectors and DM relic density: an overview	KAHLHOEFER, Felix
9:35 AM	[51] Experimental results: ATLAS	PORTILLO QUINTERO, Dilia Maria
9:55 AM	[52] Experimental results: CMS	WANG, Long
10:15 AM	[23] Reinterpretation of CMS emerging jets for Higgs-mediated dark showers	Dr ZURITA, José Francisco
10:30 AM	[26] Exploration of b-philic SVJ and new discriminating observables	KAR, Deepak
10:45 AM	Coffee	
11:15 AM	[53] Dark sector glueballs	GEMMELL, Caleb
11:40 AM	[24] Probing new signatures for semi-visible jets at the LHC	CAZZANIGA, Cesare Tiziano
11:55 AM	[54] Foundation Models as a new tool to uncover the dark sector?	BIRK, Joschka
12:15 PM	[55] SIFTing for dark shower signals	SHEPHERD, William
12:30 PM	[56] Discussion and wrap up	DE COSA, Annapaola KULKARNI, Suchita SINHA, Sukanya