



# Roadmap of Dark Matter models for Run 3

## Friday 17 May 2024

**Dark showers - 40/S2-D01 - Salle Dirac (09:00 - 13:00)**

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

time	[id] title	presenter
09:00	[50] Introduction	DE COSA, Annapaola KULKARNI, Suchita SINHA, Sukanya
09:05	[30] Strongly-interacting dark sectors and DM relic density: an overview	KAHLHOEFER, Felix
09:35	[51] Experimental results: ATLAS	PORTILLO QUINTERO, Dilia Maria
09:55	[52] Experimental results: CMS	WANG, Long
10:15	[23] Reinterpretation of CMS emerging jets for Higgs-mediated dark showers	Dr ZURITA, José Francisco
10:30	[26] Exploration of b-philic SVJ and new discriminating observables	KAR, Deepak
10:45	Coffee	
11:15	[53] Dark sector glueballs	GEMMELL, Caleb
11:40	[24] Probing new signatures for semi-visible jets at the LHC	CAZZANIGA, Cesare Tiziano
11:55	[54] Foundation Models as a new tool to uncover the dark sector?	BIRK, Joschka
12:15	[55] SIFTing for dark shower signals	SHEPHERD, William
12:30	[56] Discussion and wrap up	DE COSA, Annapaola KULKARNI, Suchita SINHA, Sukanya