



# Roadmap of Dark Matter models for Run 3

## Wednesday, 15 May 2024

**Extended Higgs sectors - 40/S2-D01 - Salle Dirac (09:00 - 13:00)**

**-Conveners: Uli Haisch; Priscilla Pani**

time	[id] title	presenter
09:00	[43] Experimental introduction to extended higgs models: an ATLAS perspective (20'+10')	BEHR, Janna Katharina
09:30	[44] Experimental introduction to extended higgs models: a CMS perspective (20'+10')	PEREZ ADAN, Danyer
10:00	[45] Theory introduction to extended higgs models: a collider perspective (20'+10')	NO REDONDO, Jose Miguel NO REDONDO, Jose Miguel
10:30	[46] Theory introduction to extended higgs models: a dark matter phenomenology perspective (20'+10')	BUSONI, Giorgio BUSONI, Giorgio
11:00	coffee break	
11:30	[47] Extended Higgs Sector in Singlet-Triplet Fermionic Model for Dark Matter and Neutrino Mass (12'+3')	Dr MITRA, Manimala
11:45	[48] Sensitivity of 2HDMa searches to Inert Doublet Model (12'+3')	Dr LAHIRI, Jayita
12:00	[17] Novel signatures in the Type-I 2HDMa model (12'+3')	KALAITZIDOU, Iliia
12:15	[49] Panelist discussion (invited speakers + session chairs) (45')	ARGYROPOULOS, Spyros