

A Decade of Discoveries in High-Energy Physics

Thursday, 9 March 2023

Young scientist presentations (09:30 - 12:30)

time	[id] title	presenter
09:30	[5] A H boson story -- Chair: Didar Dobur	TALIERCIO, Angela Dr DOBUR, Didar EL FAHAM, Hesham SKOVPEN, Kirill
	- [1] Introduction	DOBUR, Didar
	- [2] H boson self interaction	TALIERCIO, Angela
	- [3] H and Top quark interplay	SKOVPEN, Kirill
	- [4] SMEFT in H and top quark sector	EL FAHAM, Hesham
10:30	Coffee break	
11:00	[6] The Dark Universe -- Chair: Steven Lowette	AHMED, Aqeel BALDES, Iason LOWETTE, Steven
	- [1] Introduction	LOWETTE, Steven
	- [3] Dark Side of the Universe	AHMED, Aqeel
	- [2] The BEH mechanism at high temperature: a link to matter production	BALDES, Iason
11:45	[7] The rise of neutrinos -- Chair: Thomas Hambye	KNOLLE, Joscha COLOMER, Marta HAMBYE, Thomas
	- [1] Introduction	HAMBYE, Thomas
	- [2] Search for Heavy Neutral Leptons in CMS	KNOLLE, Joscha
	- [3] Neutrinos at reactor experiments - JUNO and Solid	COLOMER, Marta