



# Galileo Galilei Institute Workshop: "Collider Physics and the Cosmos"

## Monday, 18 September 2017

### Collider Physics and the Early Universe (10:00 - 18:00)

time	[id]	title	presenter
16:00	[62]	Discussion Session	

# Tuesday, 19 September 2017

## Collider Physics and the Early Universe (09:00 - 18:00)

time	[id] title	presenter
11:00	[57] Virtual signatures of dark sectors in Higgs couplings	WESTHOFF, Susanne
13:30	Walk to S. Margherita a Montici	
15:00	[63] Co-genesis of Dark and Bright Matter and What and How to check in experiments	BEREZHIANI, Zurab
16:00	[64] Sub-GeV DM direct detection in semiconductor targets,	YU, Tien-Tien
16:30	[65] Discussion Session	

# Wednesday, 20 September 2017

## Collider Physics and the Early Universe (09:00 - 18:15)

time	[id] title	presenter
11:00	[61] Higgs portal DM and beyond : (in)direct detections vs. collider searches	KO, Pyungwon
13:00	Lunch at Trattoria Omero	
15:15	[58] Inert Doublet Model in light of LHC Run I and astrophysical data	ROBENS, Tania Natalie
16:00	[59] A statistical approach to Higgs couplings in the Standard Model EFT and a prediction for $p p \rightarrow h h$	MURPHY, Christopher
16:30	[60] Discussion Session	

# Thursday, 21 September 2017

## Collider Physics and the Early Universe (09:00 - 18:00)

time	[id] title	presenter
11:00	[52] Cosmological advantages of heavy SUSY	COVI, Laura
12:15	Walk to S. Miniato al Monte	
15:15	[66] Searches for low Mass DM at Colliders	HEWETT, JoAnne
16:00	[55] Discussing Colliders and the Cosmos: From future colliders to cosmological relaxation	YOU, Tevong
16:30	[56] Discussion Session	

# Friday, 22 September 2017

## Collider Physics and the Early Universe (09:00 - 18:00)

time	[id] title	presenter
10:15	[19] Round Table Summary Session	
11:45	[54] The Galileo Villa Il Gioiello	
12:00	[20] Refreshments and Light Lunch	