

ECFA Higgs Factories: 1st Topical Meeting on Simulation

Tuesday 1 February 2022

Taking Stock: Full Simulation Detector Concepts (10:10 - 12:30)

-Conveners: Patrizia Azzi

time	[id] title	presenter
10:10	[22] Geant4	RIBON, Alberto
10:30	[9] ILC: ILD and SiD	JEANS, Daniel
11:10	[11] CLIC	SAILER, Andre
11:35	[5] CEPC: Full Detector Simulation	LI, Gang
12:00	[30] Discussion	

Taking Stock: Full Simulation Tracking (14:00 - 15:30)

-Conveners: Gerardo Ganis

time	[id] title	presenter
14:00	[16] IDEA & CLD Detector Concept	VOLKL, Valentin
14:20	[17] IDEA light Drift Chamber	TASSIELLI, Giovanni Francesco
14:40	[14] TPC	EINHAUS, Ulrich
15:00	[31] Discussion	

Taking Stock: Full Simulation Calorimeters (16:00 - 18:00)

-Conveners: Andre Sailer

time	[id] title	presenter
16:00	[8] SiWECAL	JIMENEZ MORALES, Fabricio
16:15	[2] The AHCAL Simulation	CHADEEVA, Marina
16:30	[3] The SDHCAL Simulation	GRENIER, Gerald
16:45	[7] The Dual Readout Calorimeter Simulation	PEZZOTTI, Lorenzo
17:00	[32] Discussion	

Wednesday 2 February 2022

Taking Stock: Fast Simulation (09:00 - 11:00)

-Conveners: Fulvio Piccinini

time	[id] title	presenter
09:00	[4] DELPHES	SELVAGGI, Michele
09:25	[21] IDEA model in Delphes	BEDESCHI, Franco
09:40	[19] Experience with ILC detector model for Delphes	ZARNECKI, Aleksander
09:55	[20] Using Delphes for charged scalar search analysis at CLIC	KLAMKA, Jan Franciszek
10:10	[6] ACTS: FATRAS	SALZBURGER, Andreas
10:30	[12] SGV	BERGGREN, Mikael