

11th FCC-ee workshop: Theory and Experiments

Tuesday 08 January 2019

Experiments: Generalities, IDEA, CLD - 503/1-001 - Council Chamber (14:00-19:00)

time	[id] title	presenter
14:00	[1] MDI Overview	BOSCOLO, Manuela
14:30	[2] Luminosity Measurement	DAM, Mogens
14:55	[3] FCAL Collaboration	BENHAMMOU, Yan
15:20	[4] CLD Status and Next Steps. Tracking	LEOGRANDE, Emilia
15:50	[5] CLD Status and Next Steps. Calorimetry	VIAZLO, Oleksandr
16:20	Coffee	
16:50	[6] Tracking performance with the updated geometry of the IDEA detector	TASSIELLI, Giovanni F.
17:15	[7] Expected performance of the IDEA dual-readout calorimeter	GAUDIO, Gabriella GAUDIO, Gabriella PEZZOTTI, Lorenzo
17:40	[8] IDEA test beam results	SANTORO, Romualdo
18:05	[9] Discussion	

Wednesday 09 January 2019

Experiments: Detector technologies - 222/R-001 (09:00-13:00)

time	[id] title	presenter
09:00	[10] Detector concepts, relation of LHC detector R&D to e+e- detectors	RIEGLER, Werner
09:30	[11] Silicon development in ALICE	MUSA, Luciano
10:00	[13] mu3e tracker and possibilities of future progress on light weight high resolution silicon trackers	SCHOENING, Andre
10:30	Coffee	
11:00	[12] Liquid Argon Calorimetry for e+e- detectors	ALEKSA, Martin
11:30	[14] CALICE	SIMON, Frank
12:00	[15] Magnet Technology development	TEN KATE, Herman
12:30	[16] Strategic R&D Programme on Technologies for future Experiments	JORAM, Christian

Experiments: New ideas, discussion - 222/R-001 (14:00-19:10)

time	[id] title	presenter
14:00	[17] Physics requirements: Z and WW electroweak	AZZURRI, Paolo AZZURRI, Paolo TENCHINI, Roberto
14:25	[19] Physics requirements: flavour physics	MONTEIL, Stephane
14:50	[24] The Belle2 TOP PID detector	Dr MUSSA, Roberto
15:10	[80] TORCH: a new concept for PID	FORTY, Roger
15:30	Coffee	
16:00	[18] Physics requirements: Higgs and top	PETERS, Krisztian
16:25	[20] New developments in silicon pixel detectors	Prof. BORTOLETTO, Daniela
16:50	[21] The SiD Detector - solutions and motivations	STANITZKI, Marcel
17:15	[22] Gas detector comparison and R&D	GRANCAGNOLO, Francesco
17:40	[23] Dual Readout Calorimeter options	FERRARI, Roberto
18:05	[81] Tile Dual Readout Calorimeter	ONEL, Yasar
18:30	[25] Discussion	

Thursday 10 January 2019

Experiments: Simulation and reconstruction - 222/R-001 (09:00-12:35)

time	[id] title	presenter
09:00	[72] Plans for Simulation and Reconstruction	AZZI, Patrizia
09:10	[73] FCC Software Framework & vision for the future	CERVANTES VILLANUEVA, Javier
09:30	[74] MDI and background studies with IDEA tracker	ALIPOUR TEHRANI, Niloufar
09:50	[78] Tracking in the IDEA chamber	TASSIELLI, Giovanni F.
10:10	[75] Dual Readout Calorimeter Full Simulation Status	PEZZOTTI, Lorenzo
10:30	COFFEE BREAK	
11:00	[96] CEPC simulations and tools	RUAN, Manqi
11:25	[77] Delphes Fast Simulation status for the IDEA detector	FONTANESI, Elisa
11:45	[76] CLIC/CLD Software for simulation and event reconstruction	SAILER, Andre PETRIC, Marko
12:05	[79] General Discussion and next steps	