

4th FCC Physics and Experiments Workshop

Tuesday, 10 November 2020

Experiments and detectors: FCC-ee PE&D (11:00 - 12:30)

-Conveners: Paolo Giacomelli

time	[id] title	presenter
11:00	[110] Physics Performance effort and the case studies	AZZI, Patrizia
11:25	[111] What we know today of detector requirements	PEREZ, Emmanuel Francois
11:50	[112] FCC software for physics and detector studies	HELSENS, Clement GANIS, Gerardo
12:20	[113] FCC-ee PE&D Web site	CHRSZASZCZ, Marcin

Experiments and detectors (15:30 - 17:00)

-Conveners: Alain Blondel; Mogens Dam

time	[id] title	presenter
15:30	[92] The ECFA detector R&D road map	KUEHN, Susanne
16:00	[93] BELLEII and Synergies with the FCC-ee	PIILONEN, Leo
16:20	[94] CEPC and Synergies with the FCC-ee	YIFANG, Wang
16:40	[95] AIDA Innova and Higgs Factory Detector R&D	SEFKOW, Felix

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Experiments and detectors: FCC-ee PE&D (11:00 - 12:55)

-Conveners: **Patrizia Azzi; Emmanuel Francois Perez**

time	[id] title	presenter
11:00	[115] Very thin magnets for FCC experiments	MENTINK, Matthias
11:30	[116] Use cases for an extreme electromagnetic resolution	ALEKSAN, Roy
12:00	[117] Flavours at FCC-ee	MONTEIL, Stephane
12:20	[118] Long Lived Particles at. FCC-ee	GONZALEZ SUAREZ, Rebeca
12:40	[119] Use cases for precise timing measurements	PEREZ, Emmanuel Francois AZZI, Patrizia

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Experiments and detectors: Full Detector session (17:15 - 18:55)

-Conveners: Franco Bedeschi

time	[id] title	presenter
17:15	[88] Linear collider detector requirements and CLD	SIMON, Frank
17:35	[89] A detector for precise cross-section measurements	DAM, Mogens
17:50	[146] FCAL report	LEVY, Itamar LEVY, itamar
18:05	[90] The IDEA detector	VIVARELLI, Iacopo
18:25	[91] The ALPHA experiment layout, and opportunities for common infrastructure for FCC-ee and FCC-hh detectors	MANNELLI, Marcello
18:40	[147] physics with a 20 meter diameter e+e- detector	Dr HAJER, Jan

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Experiments and detectors: Additional contributions (11:00 - 13:00)

time	[id] title	presenter
11:00	[120] Higgs coupling to charm and flavour tagging	GOUSKOS, Loukas SELVAGGI, Michele
11:25	[121] Tau-identification in the Dual readout calorimeter	GIAGU, Stefano GIAGU, Stefano
11:45	[122] First steps with flavour physics studies at FCC-ee	HILL, Donal
12:10	[124] Activities at NBI	HANSEN, Jorgen Beck DAM, Mogens
12:30	[123] ttbar studies at FCC-ee	ANDREA, Jeremy