

4th FCC Physics and Experiments Workshop

Tuesday, 10 November 2020

Joint TH-EXP session: Welcome to the FCC physics program (09:00 - 11:00)

time	[id] title	presenter
09:00	[77] Welcome address	MNICH, Joachim
09:15	[78] FCC-ee Physics Experiments and Detector Study; goals and plans	BLONDEL, Alain
09:40	[79] FCC-ee: the experimental challenge	DAM, Mogens
10:05	[80] FCC-ee: the challenge for theory	GLUZA, Janusz GLUZA, Janusz

Joint TH-EXP session: Round table Discussion (17:15 - 18:15)

-Conveners: David Anthony Milstead; Beate Heinemann

time	[id] title	presenter
17:15	[125] Engaging the theory and experimental communities	HEINEMANN, Beate MILSTEAD, David Anthony

Wednesday, 11 November 2020

Joint TH-EXP session (09:00 - 11:00)

time	[id] title	presenter
09:00	[84] The status of the SANC project for polarized electron-positron beams	YERMOLCHYK, Vitaly
09:20	[22] Simulating hard photon production with WHIZARD	KALINOWSKI, Jan Henryk
09:45	[82] Resonant $e+e^- \rightarrow$ Higgs at the FCC-ee: an unrivaled probe of the electron Yukawa coupling	D'ENTERRIA, David
10:10	[85] Physics with FCC-eh -- complementarity with ee and hh	SCHWANENBERGER, Christian

Friday, 13 November 2020

Joint TH-EXP session (09:00 - 10:50)

time	[id] title	presenter
09:00	[54] Ultimate differential SMEFT analysis	BANERJEE, Shankha
09:30	[87] Low- vs High-Energy Precision	WULZER, Andrea
10:00	[86] BSM at FCC: complementarity with astrophysics and non-collider experiments	DOGLIONI, Caterina GONZALEZ SUAREZ, Rebeca KULKARNI, Suchita
10:30	Coffee break	