

FCC Week 2022

Tuesday 31 May 2022

FCC-ee accelerators: FCCIS WP2 (09:00 - 10:30)

-Conveners: Tor Raubenheimer

time	[id] title	presenter
09:00	[176] FCC-ee parameter optimisation	SHATILOV, Dmitry
09:30	[34] Baseline optics and layout of the FCC-ee collider ring	HOFER, Michael
09:50	[71] Optics correction studies	CHARLES, Tessa
10:10	[44] Top-up Injection into the FCC-ee Collider Ring	HUNCHAK, Patrick James

FCC-ee accelerators: FCCIS WP2 - Room 105 (11:00 - 12:30)

-Conveners: Michiko Minty

time	[id] title	presenter
11:00	[33] Single-beam collective effects	MIGLIORATI, Mauro
11:20	[58] Single-bunch instabilities	CARIDEO, Emanuela
11:35	[177] Resistive-wall impedance	RAJABI, Ali
11:55	[178] Combined effect beam-beam & impedance	ZHANG, Yuan
12:15	[23] Recent Advances on the FCC-ee Electron Cloud Build-up Studies	Dr YAMAN, Fatih

Wednesday 1 June 2022

FCC-ee accelerators: EPOL - Bilsky PASQUIER (09:00 - 10:30)

-Conveners: Eliana Gianfelice

time	[id] title	presenter
09:00	[73] FCC-ee EPOL The center-of-mass energy calibration and polarization working group	BLONDEL, Alain
09:20	[49] Center-of-mass energy and boosts for various RF-configurations	KEINTZEL, Jacqueline
09:40	[182] Polarimeter and wigglers integration status	OIDE, Katsunobu
10:00	[46] Laser system for Compton polarimeter	MARTENS, Aurelien

FCC-ee accelerators: FCC-ee - 1 correction, stability, alignment, parameters - ROUSSY (14:00 - 15:30)

-Conveners: Angeles Faus-Golfe

time	[id] title	presenter
14:00	[183] Correction and tuning	TOMAS GARCIA, Rogelio
14:20	[81] Studies of the ground motion induced vibrations in FCC-ee Z mode	MONTBARBON, Eva
14:40	[90] Alignment network error propagation and alignment examples	GASSNER, Georg
15:05	[70] ESRF optics correction tools	LIUZZO, Simone

FCC-ee accelerators: FCC-ee - 2 code development & modelling - ROUSSY (16:00 - 17:30)

-Conveners: Felix Simon Carlier

time	[id] title	presenter
16:00	[186] Overview of the Software framework and developments for the FCC-ee	CARLIER, Felix Simon PIELONI, Tatiana
16:15	[128] Simulations of FCC-ee beam-beam effects with xsuite	KICSINY, Peter
16:30	[68] MAD-X progress	DE MARIA, Riccardo
16:45	[54] FCC-ee Collimation Studies	ABRAMOV, Andrey
17:00	[187] MAD-X benchmarking and solenoid models	VAN RIESEN-HAUPT, Leon
17:15	[188] IR solenoid modelling	BURKHARDT, Helmut

Thursday 2 June 2022

FCC-ee accelerators: EPOL 2 - FARABOEUF (09:00 - 10:30)

-Conveners: Ferdinand Willeke

time	[id] title	presenter
09:00	[189] Simulations of the Spin Polarization for the Future Circular Collider e+e- using Bmad	WU, Yi
09:20	[88] Study of the depolarization process, possible biases	KOOP, Ivan
09:40	[190] Effect of misalignments, collision offsets, beamstrahlung	BLONDEL, Alain SHATILOV, Dmitry
10:00	[191] Progress on monochromatization	FAUS-GOLFE, Angeles ZIMMERMANN, Frank RAIMONDI, Pantaleo

FCC-ee accelerators: MDI (Machine Detector Interface) - FARABOEUF (11:00 - 12:30)

-Conveners: Maria Chamizo Llatas

time	[id] title	presenter
11:00	[17] MDI overview	BOSCOLO, Manuela
11:20	[193] Luminosity calorimeter	DAM, Mogens
11:40	[194] IR chamber & Calculations	FRANSESINI, Francesco
12:00	[69] Modelling process for vibrations estimations	GRABON, Stanislas
12:15	[11] Machine Detector Interface Alignment System Update and challenges	WATRELOT, Leonard

FCC-ee accelerators: MDI (Machine Detector Interface) - FARABOEUF (14:00 - 15:30)

-Conveners: Katsunobu Oide

time	[id] title	presenter
14:00	[195] IR Magnet concepts	KORATZINOS, m
14:20	[196] IR Magnet review	SEEMAN, John
14:35	[56] Machine induced backgrounds in the FCC-ee MDI region and Beamstrahlung radiation	CIARMA, Andrea
14:55	[50] Synchrotron radiation background studies	ANDRE, Kevin Daniel Joel
15:10	[198] Challenges of design and operation of high power beam dumps	CALVIANI, Marco