

FCC November Week 2020

Tuesday, 10 November 2020

WP2 Collider Design: FCC-ee optics (08:30 - 10:00)

-Conveners: Ralph Wolfgang Assmann

time	[id] title	presenter
08:30	[65] Lattice status and open questions/ next steps	OIDE, Katsunobu OIDE, Katsunobu
09:00	[66] Emittance tuning simulations and next steps	CHARLES, Tessa
09:30	[92] Status and plan for the FCC-ee booster design	Dr CHANCE, Antoine

WP2 Collider Design: FCC-ee collective effects - Remote (10:30 - 12:00)

-Conveners: Katsunobu Oide

time	[id] title	presenter
10:30	[67] Beam-beam and parameter studies	SHATILOV, Dmitry
11:00	[68] Single-beam collective effects	MIGLIORATI, Mauro
11:30	[69] Collective effects – expertise and plans at DESY	WANZENBERG, Rainer

WP2 Collider Design: Joint FCC-ee accelerator and experiments session (13:30 - 15:00)

-Conveners: Eugene Levichev

time	[id] title	presenter
13:30	[70] MDI challenges toward the TDR	BOSCOLO, Manuela
14:00	[100] SuperKEKB experience on MDI design and beam background	NAKAYAMA, Hiroyuki
14:20	[98] Vibration/stabilization: from SuperKEKB to FCC-ee	BRUNETTI, Laurent BRUNETTI, Laurent
14:40	[99] Possible contributions to MDI	ASSMANN, Ralph Wolfgang ASSMANN, Ralph Wolfgang

WP2 Collider Design: FCC-ee beam diagnostics, beam tests and girders (15:30 - 17:00)

-Conveners: Philip Nicholas Burrows

time	[id] title	presenter
15:30	[113] Developing and testing beam diagnostics for FCC-ee	MUELLER, Anke-Susanne NIEHUES, Gudrun
15:55	[71] Possible beam studies at SuperKEKB	KEINTZEL, Jacqueline
16:05	[72] Possible beam studies at DAFNE	KEINTZEL, Jacqueline
16:15	[73] Possible beam studies at PETRA III	AGAPOV, Ilya
16:25	[74] Possible beam studies at VEPP-4M	Dr NIKITIN, Sergei
16:35	[114] FCC-ee injector update & e+ source test at PSI	CRAIEVICH, Paolo

16:45	[117] FCC-ee beam diagnostics, beam tests, and support structures	BALIK, Gael
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Wednesday, 11 November 2020

WP2 Collider Design: MDI - joint accelerator & experiments (14:00 - 15:30)

time	[id] title	presenter
14:00	[101] See contributions on 4th FCC Physics Workshop	

WP2 Collider Design: MDI - joint accelerator & experiments (16:00 - 17:30)

time	[id] title	presenter
16:00	[128] See contributions on 4th FCC Physics Workshop	

Thursday, 12 November 2020

WP2 Collider Design: Accelerator code development (08:30 - 10:00)

-Conveners: Mike Seidel

time	[id] title	presenter
08:30	[75] Desirable optics code features	Dr OIDE, Katsunobu
08:45	[76] Code development plan	Dr PIELONI, Tatiana
09:00	[77] Modelling tapering	VAN RIESEN-HAUPT, Leon
09:10	[78] The tilted solenoid	PERSSON, Tobias Hakan Bjorn
09:20	[79] Tracking tool for background simulations	CIARMA, Andrea
09:30	[80] The polarization code challenge	GIANFELICE-WENDT, Eliana
09:40	[81] Questions and answers	

WP2 Collider Design: EIC/FCC 1 (13:30 - 15:00)

-Conveners: Andrei Seryi

time	[id] title	presenter
13:30	[103] Impedances, beam instabilities, and beam feedbacks	BLASKIEWICZ, Michael
13:50	[104] Lepton polarisation	BLONDEL, Alain
14:10	[105] Beam instrumentation, SR monitors	LEFEVRE, Thibaut
14:30	[106] MDI, IR shielding and IR handling equipment	Prof. WITTMER, Walter

WP2 Collider Design: EIC/FCC 2 (15:30 - 17:00)

-Conveners: Frank Zimmermann

time	[id] title	presenter
15:30	[107] SRF	RIMMER, Robert Alan
16:00	[108] Vacuum system	KERSEVAN, Roberto
16:30	[109] Final-focus quadrupoles	PARKER, Brett