

FCC Week 2023

Tuesday 6 June 2023

Joint FCC-ee Accelerator and PED: Machine Detector Interface (I) - Orchard Suite (13:30 - 15:00)

-Conveners: John Seeman

time	[id] title	presenter
13:30	[243] MDI Overview	BOSCOLO, Manuela
13:45	[242] Mechanical integration of the IDEA detector in the FCC-ee interaction region	PALLA, Fabrizio
14:05	[248] Progress on the IDEA vertex detector implementation in key4hep full simulation	ILG, Armin
14:25	[282] Mechanical model of the MDI	FRANSESINI, Francesco
14:45	[283] Towards mechanics and optics evaluation of the vibrations effects for the FCC-ee MDI	BRUNETTI, Laurent

Joint FCC-ee Accelerator and PED: Machine Detector Interface (II) - Orchard Suite (15:30 - 17:00)

-Conveners: Manuela Boscolo

time	[id] title	presenter
15:30	[284] SuperKEKB MDI lessons	NAKAYAMA, Hiroyuki
15:50	[285] Beam Losses in the MDI	BROGGI, Giacomo
16:05	[316] Synchrotron radiation background studies	ANDRE, Kevin Daniel Joel
16:25	[287] Detector background simulations	CIARMA, Andrea
16:45	[246] Beamstrahlung dump and radiation levels in the experiment IRs	FRASCA, Alessandro Dr LERNER, Giuseppe

Wednesday 7 June 2023

Joint FCC-ee Accelerator and PED: EPOL (I) - Orchard Suite (13:30 - 15:00)

-Conveners: Jacqueline Keintzel

time	[id] title	presenter
13:30	[294] Introduction to EPOL WG and overview	KEINTZEL, Jacqueline
13:34	[261] Compton polarimeter	MARTENS, Aurelien
13:55	[295] Polarisation studies	WU, Yi
14:16	[374] Spin based beam energy measurements	HAERER, Bastian BLOMLEY, Edmund
14:37	[375] Center-of-mass energy shifts	BLONDEL, Alain

Joint FCC-ee Accelerator and PED: Machine Detector Interface (III) - Kensington Suite (13:30 - 15:00)

-Conveners: Kathleen Amm

time	[id] title	presenter
13:30	[399] SC IR magnets system	PARKER, Brett
13:50	[298] Magnet design for beamstrahlung photons extraction line	JAERMYR ERIKSSON, Carl
14:10	[257] Preliminary design study of interaction region crab sextupole for FCC-ee collider	Dr FOUSSAT, Arnaud Pascal
14:30	[250] Alignment systems propositions to face the FCC-ee MDI challenges	Mr WATRELOT, Leonard
14:45	[247] Challenges for the IR BPMs	WENDT, Manfred

Thursday 8 June 2023

Joint FCC-ee Accelerator and PED: EPOL (II) - Cromwell 1+2 (08:30 - 10:00)

-Conveners: Angeles Faus-Golfe

time	[id] title	presenter
08:30	[376] Depolarizer for the FCC-ee	KOOP, Ivan
08:52	[234] The challenges of collision-energy calibration above the Z pole	WILKINSON, Guy
09:14	[377] Monochromatisation optics for FCC-ee lattices	ZHANG, Zhandong
09:36	[297] The roadmap to the final report	KEINTZEL, Jacqueline