

FCC Week 2023

Tuesday, June 6, 2023

Joint FCC-ee Accelerator and PED: Machine Detector Interface (I) - Orchard Suite (1:30 PM - 3:00 PM)

-Conveners: John Seeman

time	[id] title	presenter
1:30 PM	[243] MDI Overview	BOSCOLO, Manuela
1:45 PM	[242] Mechanical integration of the IDEA detector in the FCC-ee interaction region	PALLA, Fabrizio
2:05 PM	[248] Progress on the IDEA vertex detector implementation in key4hep full simulation	ILG, Armin
2:25 PM	[282] Mechanical model of the MDI	FRANSESINI, Francesco
2:45 PM	[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 (3:30 PM - 5:00 PM)

-Conveners: Manuela Boscolo

time	[id] title	presenter
3:30 PM	[284] SuperKEKB MDI lessons	NAKAYAMA, Hiroyuki
3:50 PM	[285] Beam Losses in the MDI	BROGGI, Giacomo
4:05 PM	[316] Synchrotron radiation background studies	ANDRE, Kevin Daniel Joel
4:25 PM	[287] Detector background simulations	CIARMA, Andrea
4:45 PM	[246] Beamstrahlung dump and radiation levels in the experiment IRs	FRASCA, Alessandro Dr LERNER, Giuseppe

Wednesday, June 7, 2023

Joint FCC-ee Accelerator and PED: EPOL (I) - Orchard Suite (1:30 PM - 3:00 PM)

-Conveners: Jacqueline Keintzel

time	[id] title	presenter
1:30 PM	[294] Introduction to EPOL WG and overview	KEINTZEL, Jacqueline
1:34 PM	[261] Compton polarimeter	MARTENS, Aurelien
1:55 PM	[295] Polarisation studies	WU, Yi
2:16 PM	[374] Spin based beam energy measurements	HAERER, Bastian BLOMLEY, Edmund
2:37 PM	[375] Center-of-mass energy shifts	BLONDEL, Alain

Joint FCC-ee Accelerator and PED: Machine Detector Interface (III) - Kensington Suite (1:30 PM - 3:00 PM)

-Conveners: Kathleen Amm

time	[id] title	presenter
1:30 PM	[399] SC IR magnets system	PARKER, Brett
1:50 PM	[298] Magnet design for beamstrahlung photons extraction line	JAERMYR ERIKSSON, Carl
2:10 PM	[257] Preliminary design study of interaction region crab sextupole for FCC-ee collider	Dr FOUSSAT, Arnaud Pascal
2:30 PM	[250] Alignment systems propositions to face the FCC-ee MDI challenges	Mr WATRELOT, Leonard
2:45 PM	[247] Challenges for the IR BPMs	WENDT, Manfred

Thursday, June 8, 2023

Joint FCC-ee Accelerator and PED: EPOL (II) - Cromwell 1+2 (8:30 AM - 10:00 AM)

-Conveners: Angeles Faus-Golfe

time	[id] title	presenter
8:30 AM	[376] Depolarizer for the FCC-ee	KOOP, Ivan
8:52 AM	[234] The challenges of collision-energy calibration above the Z pole	WILKINSON, Guy
9:14 AM	[377] Monochromatisation optics for FCC-ee lattices	ZHANG, Zhandong
9:36 AM	[297] The roadmap to the final report	KEINTZEL, Jacqueline