

FCC Week 2017

Tuesday, May 30, 2017

FCC-ee physics & experiments: Review: Run plan and SM precision measurements - "Bellevue" (8:30 AM - 10:00 AM)

-Conveners: Giuseppe Iacobucci

time	[id] title	presenter
8:30 AM	[113] FCC-ee (History, motivation, overview of present status of design study and issues, run plan)	JANOT, Patrick
8:50 AM	[114] Electroweak physics at the Z and W – experimental capabilities	AZZURRI, Paolo
9:10 AM	[115] Status and prospects for precision electroweak calculations	PICCININI, Fulvio
9:30 AM	[120] Beam polarization (longitudinal vs transverse) and energy calibration requirements	BLONDEL, Alain

FCC-ee physics & experiments: Review: Higgs, top and flavour - "Bellevue" (10:30 AM - 12:00 PM)

-Conveners: Daniela Bortoletto

time	[id] title	presenter
10:30 AM	[117] Higgs physics at FCC-ee	KLUTE, Markus
10:50 AM	[118] Top physics at FCC-ee	AZZI, Patrizia
11:10 AM	[119] Flavour physics (c, b, LFV)	MONTEIL, Stephane
11:30 AM	[116] QCD and gamma-gamma	D'ENTERRIA, David

FCC-ee physics & experiments: Review: Direct discovery and detectors - "Bellevue" (1:30 PM - 3:00 PM)

-Conveners: Lucie Linssen

time	[id] title	presenter
1:30 PM	[121] Search for New Physics at the FCC-ee	PIERINI, Maurizio
1:50 PM	[122] FCC-ee requirements and specific designs	DAM, Mogens
2:10 PM	[123] Detector design II (CLIC adaption)	LEOGRANDE, Emilia
2:30 PM	[124] Experimental environment and luminosity measurement (experimental side of MDI)	VOUTSINAS, Georgios Gerasimos

FCC-ee physics & experiments: Review: Synergies and complementarities - "Bellevue" (3:30 PM - 5:00 PM)

-Conveners: Michelangelo Mangano

time	[id] title	presenter
3:30 PM	[125] Complementarity between FCC-ee and FCC-hh Searches for BSM Physics	ELLIS, Jonathan R.
3:50 PM	[126] Higgs physics synergies	GROJEAN, Christophe
4:10 PM	[127] QCD synergies	D'ENTERRIA, David
4:30 PM	[128] An example of synergy in BSM physics: right-handed neutrinos	FISCHER, Oliver

FCC-ee physics & experiments: Selected topics - “Bellevue” (5:30 PM - 7:00 PM)

time	[id] title	presenter
5:30 PM	[231] EFT global fit of Higgs couplings at ee colliders	GU, Jiayin
5:50 PM	[232] Implications of a leptoquark explanation of the anomalous magnetic moment of the muon for the FCC-ee	MUELLER, Dario
6:10 PM	[233] Present status on numerical calculation of complete 2-loop EWPOs and 3-loop prospects	GLUZA, Janusz
6:30 PM	[234] Precision Observables at FCC-ee: Status and Future	HEINEMEYER, Sven