



# FCC Week 2019

## Tuesday, June 25, 2019

### FCC-ee accelerator: Injector linacs - Crea/Explo (4:30 PM - 6:00 PM)

-Conveners: Lenny Rivkin

time	[id] title	presenter
4:30 PM	[497] SLAC/SLC 2-mile S-Band Linac	Dr SEEMAN, John
4:48 PM	[560] SuperKEKB S-band/C-band linac	FURUKAWA, Kazuro
5:06 PM	[482] PAL-XFEL S-band Linac	Dr KANG, Heung-Sik
5:24 PM	[481] The SACLA C-band linac	INAGAKI, Takahiro
5:42 PM	[495] SwissFEL C-band Linac and S-band Linac for FERMI	BRAUN, Hans-H.

# Wednesday, June 26, 2019

## FCC-ee accelerator: Machine design (1) - Ballroom I (8:30 AM - 10:00 AM)

-Conveners: Ralph Wolfgang Assmann

time	[id] title	presenter
8:30 AM	[561] Issues for the next step	OIDE, Katsunobu
8:48 AM	[562] Beam-beam effects for 4 IP	SHATILOV, Dmitry
9:06 AM	[475] Low emittance tuning of FCC-ee	CHARLES, Tessa
9:24 AM	[441] Beam polarization for energy calibration in FCCee	GIANFELICE-WENDT, Eliana
9:42 AM	[419] Two new approaches of estimating the Polarization in High Energy Electron Storage Rings	Dr HEINEMANN, Klaus

## FCC-ee accelerator: Machine design (2) - Ballroom I (10:30 AM - 12:00 PM)

-Conveners: Jie Gao

time	[id] title	presenter
10:30 AM	[524] Collective effects with ttbar configuration	MIGLIORATI, Mauro
10:48 AM	[563] Feedback scenarios	TEYTELMAN, Dmitry
11:06 AM	[461] A self-consistent analysis method in X-ray interferometer in the FCC and proposal for testing in the X-ray monitor line in the SuperKEKB	MITSUHASHI, Toshiyuki
11:24 AM	[564] FCC-ee machine availability	NIEMI, Arto
11:42 AM	[464] SuperKEKB status and experience with collisions at large Piwinski angle	OHMI, kazuhito

## FCC-ee accelerator: Injector design - Eva/Inno (1:30 PM - 3:00 PM)

-Conveners: John Seeman

time	[id] title	presenter
1:30 PM	[565] Baseline scheme	OIDE, Katsunobu
1:48 PM	[566] Alternatives	SCHULTE, Daniel
2:06 PM	[525] Collective effects in the booster synchrotron	MIGLIORATI, Mauro
2:24 PM	[460] Positron source for FCC-ee	CHAIKOVSKA, Iryna
2:42 PM	[567] Damping of injection oscillations and transverse stability in the PBR	ZIMMERMANN, Frank

# Thursday, June 27, 2019

## FCC-ee accelerator: Machine detector interface design (1) - Ballroom I (8:30 AM - 10:00 AM)

-Conveners: Maria Chamizo Llatas

time	[id] title	presenter
8:30 AM	[568] Overview of MDI issues toward the TDR	BOSCOLO, Manuela
8:48 AM	[569] Mechanical design of the interaction region	LEVICHEV, Evgeny
9:06 AM	[570] Final-focus quadrupoles and solenoids	KORATZINOS, Michail
9:24 AM	[657] Beam-beam blow-up issues	EL KHECHEN, Dima
9:42 AM	[573] Impact of beam-beam effects on luminosity measurement	PEREZ, Emmanuel Francois

## FCC-ee accelerator: Machine detector interface design (2) - Ballroom I (10:30 AM - 12:00 PM)

-Conveners: Evgeny Levichev

time	[id] title	presenter
10:30 AM	[574] Synchrotron radiation background studies	LUCKHOF, Marian
10:48 AM	[572] Beam losses at IR	BURKHARDT, Helmut
11:06 AM	[571] Improvement of detector performance with smaller central IP beam pipe	LEOGRANDE, Emilia
11:24 AM	[406] HOM and heating with smaller central IP beam pipe	NOVOKHATSKI, Alexander
11:42 AM	[658] Synchrotron radiation with smaller central IP beam	BOSCOLO, Manuela