#### **Session Program**

10-14 Jun 2024



## FCC Week 2024

# FCC accelerators

The Westin St. Francis San Francisco on Union Square 335 Powell St, San Francisco, CA 94102, United States

### Monday 10 June

08:30-09:00	GHC ontics and collider parameters
Speaker Dr Katsunobu	Dide
09:00-09:20 Speaker Peter Kicsiny	Beam-beam studies for FCC-ee
09:20-09:40 <b>Speaker</b> Giacomo Brogg	FCC-ee collimation
09:40-10:00 <b>Speaker</b> Yann Dutheil	Top-up injection into the collider
FCC accel	erators: Optics alternatives & lessons ation: Elizabethan B   Convener: Mika Masuzawa
10:30-11:00 <b>Speaker</b> Dr Pantaleo Ra	LCC Optics
11:00-11:20 <b>Speaker</b> Leon Van Riese	Nested Magnet Optics for FCC-ee
11:20-11:40 <b>Speaker</b> Dr Angeles Fau	Monochromatization Optics for FCC-ee
11:40-12:00 The IOTA R Speaker Giulio Stancari	esearch Program and Possible Studies Relevant for the FCC
FCC accel	erators: FCC-ee injector incl. booster (i) ation: Elizabethan B   Convener: Dr Mark Palmer
13:30-13:55	High-energy booster overview



Speaker	
Yoshinori Eno	moto
18:30-18:50	Polarized injector for CEPC
Creaker	
Speaker	

### Tuesday 11 June

Speaker   Mauro Migliorati   08:50-09:10 Collective effects in the high energy booster   Speaker   Adnan Ghribi   09:10-09:30   Xsuite simulations of beam-beam effects with impedance contributions   Speaker   Roxana Soos   09:30-09:45   Transverse feedback options for FCC	ion
08:50-09:10 Collective effects in the high energy booster   Speaker   Adnan Ghribi   09:10-09:30   Ksuite simulations of beam-beam effects with impedance contribut   Speaker   Roxana Soos   09:30-09:45	ion:
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Speaker Dmitry Teytelman	
09:45-10:00 Electron Cloud studies for the FCC-ee	
Speaker Luca Sabato	
FCC accelerators: FCC-ee optics correction & tuning   Session   Location: Elizabethan B   Convener: Prof. Mark James Boland   10:30-11:00 Status of optics correction studies   Speaker   Rogelio Tomas Garcia	
11:00-11:20 EIC Dynamic aperture optimization & implications for Speaker Yunhai Cai	FCC
11:20-11:40 Beam-based alignment simulations Speaker	

#### Wednesday 12 June



13:30	FCC accelerators: High-Field Magnets for FCC-hh (i) Session   Location: Elizabethan B   Convener: Soren Prestemon
	13:30-14:00 HL-LHC MQXF results and lessons learnt
	<b>Speaker</b> Paolo Ferracin
	14:00-14:30 LTS option for FCC-hh and the HFM program
	<b>Speaker</b> Dr Ezio Todesco
	14:30-15:00 HTS option for FCC-hh and the HFM program
15:00	<b>Speaker</b> Bernhard Auchmann
15:30	FCC accelerators: High-Field Magnets for FCC-hh (ii) Session   Location: Elizabethan B   Convener: Attilio Milanese
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