



# FCC Week 2022

## Tuesday 31 May 2022

### FCC-ee injector: Top-up, booster, pre-injector layout and linacs - Room 105 (14:00 - 15:30)

-Conveners: Alexej Grudiev

time	[id] title	presenter
14:00	[179] Status of the high-energy booster	CHANCE, Antoine
14:25	[14] General pre-injector layout and parameter summary	CRAIEVICH, Paolo
14:45	[47] FCC-ee Linacs design from 200 MeV up to 6 GeV beam energy	BETTONI, Simona
15:00	[180] Beam Dynamics in the Positron Linac up to the Damping Ring	GRUDIEV, Alexej LATINA, Andrea POMMERENKE, Hermann Winrich RAGUIN, Jean-Yves SCHAER, Mattia VALLIS, Nicolas CRAIEVICH, Paolo
15:15	[18] RF design of traveling-wave structures for the FCCee injector	POMMERENKE, Hermann Winrich

### FCC-ee injector: e+ source, DR, transfer lines, and P3 - Room 105 (16:00 - 17:30)

-Conveners: Iryna Chaikovska

time	[id] title	presenter
16:00	[3] Positron capture simulations of the FCC-ee positron source	Mr ZHAO, Yongke
16:15	[89] Radiation load studies for the FCC-ee positron source with a superconducting matching device	HUMANN, Barbara
16:30	[86] DR Design	DE SANTIS, Antonio
16:45	[78] HTS solenoids for the PSI Positron production project in the context of the CHART FCCee injector study	DUDA, Michal
17:00	[64] Transfer lines for the FCC-ee injector complex	RAMJAWAN, Rebecca Louise
17:15	[2] The PSI Positron Production Project	VALLIS, Nicolas