

Session Program

19-23 May 2025



FCC Week 2025

FCC-ee injector

Hofburg Vienna
Hofburg Vienna, Heldenplatz, 1010 Vienna Austria

Wednesday 21 May

08:30

FCC-ee injector: Overview

Session | **Location:** Rittersaal | **Convener:** Prof. Mark James Boland

08:30–09:00 FCC-ee Injector overview and outlook

Speaker

Paolo Craievich

09:00–09:15 Update on the filling scheme

Speaker

Hannes Bartosik

09:15–09:30 Positron Production for FCC-ee

Speaker

Dr Iryna Chaikovska

09:30–09:45 Positron Target Design, Fabrication - Updates on P3 Integration

Speaker

Ramiro Francisco Mena Andrade

09:45–10:00 FCC-ee top-up operation: photocathodes and laser systems

Speaker

Eduardo Granados

10:00

10:30

FCC-ee injector: Linac and Damping Ring

Session | **Location:** Rittersaal | **Convener:** John Theodore Seeman

10:30–10:50 FCC-ee Injector: New DR at 2.86 GeV

Speaker

Antonio De Santis

10:50–11:05 Approach for low impedance design of the FCC DR vacuum chamber

Speaker

Shalva Bilanishvili

11:05–11:25

FCC-ee injector linacs: the design and the RF frequency choices for the TDR

Speaker

Alexej Grudiev

11:25–11:45 FCC-ee injector: linacs design for single- and multi-bunch effects

Speaker

Simona Bettoni

11:45–12:00 RF-Track development for FCC-ee injector studies

Speaker

Andrea Latina

12:00

13:30

FCC-ee injector: Booster and transfer lines

Session | Location: Rittersaal | Convener: Jorg Wenninger

13:30-13:50 Overview of the booster status**Speaker**

Antoine Chance

13:50-14:10 Updates on FCC-ee High Energy Booster collective effects studies**Speaker**

Adnan Ghribi

14:10-14:25**Status and perspectives of the emittance tuning of the FCC-ee High Energy Booster ring****Speaker**

Quentin Bruant

14:25-14:40 Injection/extraction systems across the FCCee complex**Speaker**

Sen Yue

14:40-14:55**Swap-out injection with beam recycling in the booster: design and commissioning at the High Energy Photon Source****Speaker**

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15:00