

Session Program

19-23 May 2025



FCC Week 2025

Joint effort PED & accelerators

Hofburg Vienna
Hofburg Vienna, Heldenplatz, 1010 Vienna Austria

Thursday 22 May

08:30

Joint effort PED & accelerators: Machine Detector Interface (i)

Session | **Location:** Geheime Ratstube | **Convener:** Fabrizio Palla

08:30–08:50 **MDI overview and IR mockup status**

Speaker

Manuela Boscolo

08:50–09:10 **Status report on the MDI alignment monitoring study**

Speaker

Leonard Watrelot

09:10–09:30

FCC-ee HTS CCT magnet design proposal for the final focus quadrupole and its cooled beam pipe

Speaker

Laurent BRUNETTI

09:30–09:50

MDI efforts at Magnet Division, BNL: Corrector Magnets and Screening Solenoid design for Interaction region of FCC-ee

Speaker

Vikas Teotia

09:50–10:10

Integration of vertex detector services and cooling

Speaker

Gherardo Ammirabile

10:10

10:30

Joint effort PED & accelerators: Machine Detector Interface (ii)

Session | **Location:** Geheime Ratstube | **Convener:** Angelika Drees

10:30–10:52 **First look at injection backgrounds**

Speaker

Giulia Nigrelli

10:52–11:14

IR beam losses and MDI collimators

Speaker

Giacomo Broggi

11:14–11:36

TID and Fluence in the detector and IR

Speaker

Alessandro Frasca

11:36–11:58

Update on IR HOM evaluations

Speaker

Dr Alexander Novokhatski

12:00

13:30

Joint effort PED & accelerators: EPOL (i)**Session** | **Location:** Geheime Ratstube | **Convener:** Anke-Susanne Mueller**13:30–13:50** **Beam Polarization studies: status and challenges****Speaker**

Yi Wu

13:50–14:10 **Development of Spin Tracking in XSuite****Speaker**

Kiel Hock

14:10–14:30 **The FCCee Inverse Compton polarimeter design****Speaker**

Dr Robert Kieffer

14:30–14:50 **FCC-ee Inverse compton polarimetry simulations****Speaker**

Juba Tamazirt

15:00

15:30

Joint effort PED & accelerators: EPOL (ii)**Session** | **Location:** Geheime Ratstube | **Convener:** Alain Blondel**15:30–15:50** **Studies towards a depolariser design****Speaker**

Wolfgang Hofle

15:50–16:10 **Polarized electron sources in LINACS****Speaker**

Kurt Aulenbacher

16:10–16:30 **Polarization status at the Electron Ion Collider****Speaker**

Kiel Hock

16:30–16:50 **Injecting polarized beams****Speaker**

Jorg Wenninger

17:00