

Session Program

7-9 May 2025

FCC-ee Workshop: Tracking Detectors and Software

Session:

Physics Building 510A , Physics Large Seminar Room

Friday 9 May

08:05

Session:: Simulation

Session | **Location:** Physics Building 510A , Physics Large Seminar Room | **Conveners:** Michele Selvaggi, Brieuc Francois

08:30-08:50

Overview of simulation and reconstruction

Speaker

Brieuc Francois

08:50-09:10

Detailed digitization for drift chambers

Speaker

Nicola De Filippis

09:10-09:20

Simulation needs for hardware design

Speaker

Didier Claude Contardo

09:20-09:40

Lessons learned from Straw Tube tracker implementation in DD4hep

Speaker

Kevin Michael Nelson

09:40-10:00

Adaptation of the ILD tracking system for FCC-ee

Speaker

Daniel Jeans

10:00-10:20

Detailed digitization for silicon based sensors

Speaker

Gaelle Boudoul

10:20

10:40

Session:: Reconstruction

Session | **Location:** Physics Building 510A , Physics Large Seminar Room | **Conveners:** Michele Selvaggi, Brieuc Francois

10:40-11:00

Track reconstruction in CLD

Speaker

Leonhard Reichenbach

11:00-11:20

ML based tracking reconstruction and status in IDEA

Speaker

Andrea De Vita

11:20-11:40

Reconstruction in the CEPC Drift Chamber

Speaker

Dr Weidong Li

11:40-12:00

ACTS tracking in Key4hep

Speaker

Samuel Ferraro

13:00

12:00-12:20

FastSim Tracking**Speaker**

Franco Bedeschi

12:20-12:40

Guided discussion with open questions