

Session Program

13-17 Jan 2025



8th FCC Physics Workshop

Joint Software, Physics Performance & Detectors: reconstruction

CERN, 500/1-001 - Main Auditorium

Thursday 16 January

09:00

Joint Software, Physics Performance & Detectors: reconstruction

Session | **Location:** CERN, 4/3-006 - TH Conference Room | **Convener:** Brieuc Francois

09:00–09:18 Detailed vertex detector digitization: from CMS to CLD

Speakers

Gaëlle Boudoul, Jessy Daniel

09:18–09:36 Drift chamber digitization (remote)

Speaker

Nicola De Filippis

09:36–09:54 Standalone muon reconstruction in IDEA

Speaker

Mahmoud Ali

09:54–10:12 Particle Identification with the ARC in Key4hep

Speaker

Serena Pezzulo

10:12–10:30 Jet clustering algorithms for ZH fully hadronic

Speaker

Anna Elizabeth Connelly

10:30

11:00

Joint Software, Physics Performance & Detectors: reconstruction

Session | **Location:** CERN, 4/3-006 - TH Conference Room | **Convener:** George Iakovidis

11:00–11:22 ML based tau identification

Speaker

Laurits Tani

11:20–11:42 ML based flavor tagging in Fast/Full sim

Speaker

Sara Aumiller

11:44–12:06 Particle Flow at FCC

Speaker

Anna Zaborowska

12:06–12:28 Tracking and ML based Particle Flow

Speaker

Andrea De Vita

12:57