

Session Program

13-17 Jan 2025



8th FCC Physics Workshop

Poster session and cocktail

CERN, 500/1-001 - Main Auditorium

Wednesday 15 January

18:30

Poster session and cocktail

Session | **Location:** CERN, 61/1-201 - Pas perdu - Not a meeting room -

18:30-18:31 **Expectations for the Luminosity Theory Error at FCC-ee**

Speakers

Bennie Ward, Wiesiek Placzek

18:31-18:32 **A study of tZ FCNC trends using Effective field theory at FCC energies**

Speaker

Prof. Sehban Kartal

18:32-18:33

Investigating resonant Higgs Production Cross-Section at FCC-ee: Machine Learning-based Analysis for Semi-Leptonic W Boson Decay Channel

Speaker

Reza Jafari

18:33-18:34

New Physics contamination in small-angle Bhabha scattering at FCC-ee

Speaker

Francesco Pio Ucci

18:34-18:35

Implementation of AI frameworks for S/B Analysis of tZ FCNC process

Speaker

Abdullah Bin Saqlain

18:35-18:36

Probing HZZ at FCC-ee

Speaker

Orhan Cakir

18:36-18:37

Preliminary performance study of FCC-ee compton polarimeters

Speaker

Juba TAMAZIRT

18:37-18:38

Constraining Anormal Quartic Gauge Couplings via $pp \rightarrow Z\gamma\gamma$ Process at FCC-hh

Speaker

Ilkay Turk Cakir

20:30