Session Program

13–17 Jan 2025

8th FCC Physics Workshop

Physics Programme

CERN, 500/1-001 - Main Auditorium

Tuesday 14 January

09:00

Physics Programme: General

Session | **Location:** CERN, 503/1-001 - Council Chamber | **Convener:** Matthew Philip Mccullough

09:00–09:20 **ZH at one loop in SMEFT**

Speaker
Sally Dawson

09:20–09:40 **Positivity at FCC**

Speaker
Ken Mimasu

09:40–10:00 **Quantum Tops**

Speaker
Eleni Vryonidou

10:00–10:20 **Probing new physics indirectly at FCC-ee**

Speaker
Lukas Allwicher

10:30

16:30

Physics Programme: BSM

Session | **Location:** CERN, 503/1-001 - Council Chamber | **Convener:** Marzia Bordone

16:30–16:50 **New physics off the Z pole**

Speaker
Prof. Shao-Feng Ge

16:50–17:10 **Single particle Extensions, Globally**

Speaker
Jaco ter Hoeve

17:10–17:30 **New Physics Through Flavour Tagging at FCC-ee**

Speaker
Alessandro Valenti

17:30–17:50
Tracing the bottom electroweak dipole operators at future lepton colliders

Speaker
Xiaoze Tan

17:50–18:10 **Imprints of SUSY at FCC**

Speaker
Kevin Langhoff

18:10–18:30 **Criticality and FCC**

Speaker
Thomas Steingasser

18:30

Thursday 16 January

09:00

Physics Programme: Higgs/EW

Session | **Location:** CERN, 503/1-001 - Council Chamber | **Convener:** Andreas Helset

09:00–09:20 **New angles on alpha_em**

Speaker
Marc Riembau

09:20–09:40 **Update to global fits**

Speaker
Jorge de Blas

09:40–10:00 **SMEFT at 2 loops**

Speaker
Javier Fuentes-Martin

10:00–10:20 **Linear extensions at one loop and Tera-Z**

Speaker
Hoa Vuong

10:30

11:00

Physics Programme: FCC-hh

Session | **Location:** CERN, 503/1-001 - Council Chamber | **Convener:** Claudia Cornella

11:00–11:25 **Results and plans from the FCC-hh physics performance WG**

Speaker
Birgit Stapf

11:25–11:45 **Higgs coupling projections at the FCC-hh**

Speaker
Simone Tentori

11:45–12:05 **FCC-hh forward physics facility**

Speaker
Juan Rojo Chacon

12:05–12:30 **FCC-hh physics potential: next steps**

Speaker
Michelangelo Mangano

12:30