Session Program

Jun 8 – 12, 2026

FCC Week 2026

Physics, Experiments and Detectors

University of Helsinki, Main building
Fabianinkatu 33, 00170 Helsinki

Tue, June 9

8:30 AM

Physics, Experiments and Detectors: Physics Studies (i)

Session | **Location:** F4050 Pieni juhlasali | **Conveners:** Juan Alcaraz Maestre, Bogdan Malaescu

8:30 – 8:50 AM **Electroweak physics at FCC-ee: Status and Plans**

Speaker
Matteo Defranchis

8:50 – 9:05 AM **QCD & gammagamma at FCC-ee: Status and Plans**

Speaker
Giovanni Stagnitto

9:05 – 9:25 AM **Flavor Physics at FCC-ee: Status and Plans**

Speaker
Guy Wilkinson

9:25 – 9:40 AM **BSM Physics at FCC-ee: Status and Plans**

Speaker
Rebeca Gonzalez Suarez

9:40 – 10:00 AM **Precision Calculation for FCC-ee: Status Plans**

Speaker
Janusz Gluza

10:00 AM

10:30 AM

Physics, Experiments and Detectors: Detectors (i)

Session | **Location:** F4050 Pieni juhlasali | **Convener:** Lucia Masetti

10:30 – 10:50 AM **Projects for Vertex detectors**

Speaker
Dominik Dannheim

10:50 – 11:10 AM **PID with trackers**

Speaker
Chris Rasmussen

11:10 – 11:30 AM **Vertex Reconstruction**

Speaker
Mariarosaria D'Alfonso

11:30 – 11:45 AM **Overview of occupancy studies and discussion of a minimal trigger system**

Speaker
Thorsten Wengler

11:45 AM – 12:00 PM **TDAQ Simulation status**

Speaker
Jan Eysermans

12:00 PM

3:30 PM

Physics, Experiments and Detectors: Education, Communication, Outreach, Inreach

Session | **Location:** F3005 | **Conveners:** Panagiotis Charitos, Claire Adam Bourdarios

3:30 – 3:50 PM **Carte blanche to the CERN ECO group**

Speaker
Arnaud Marsollier

3:50 – 4:10 PM **Carte blanche to the FCC Earlly Career Professionals**

Speaker
Armin Ilg

4:10 – 4:30 PM **The new PED ECOI Work Package**

Speaker
Claire Adam Bourdarios

5:00 PM

Wed, June 10

8:30 AM

Physics, Experiments and Detectors: Physics Software and Computing

Session | **Location:** F4050 Pieni juhlasali | **Convener:** Gerardo Ganis

8:30 – 8:48 AM **Towards an FCC Computing Model**

Speaker
Giovanni Guerrieri

8:48 – 9:06 AM **MC Production Tools and Schedule**

Speaker
Pantelis Kontaxakis

9:06 – 9:24 AM **Key4hep Status and Plans**

Speaker
Juan Miguel Carceller

9:24 – 9:42 AM **ACTS and FCC**

Speaker
Paul Gessinger

9:42 – 10:00 AM **Leveraging Synergies Between CEPCSW and FCCSW**

Speaker
Prof. Sheng-Sen Sun

10:00 AM

10:30 AM

Physics, Experiments and Detectors: Detectors (ii)

Session | **Location:** F4050 Pieni juhlasali | **Convener:** Valentina Cairo

10:30 – 10:50 AM **Highly granular calorimeters with fully embedded electronics**

Speaker
Lucia Masetti

10:50 – 11:04 AM **ALLEGRO Noble Liquid Calorimeter**

Speaker
Dr Mikael Mieskolainen

11:04 – 11:24 AM **Optical Readout Calorimetry**

Speaker
Hwi Dong Yoo

11:24 – 11:42 AM **Muon Systems**

Speaker
Tae Jeong Kim

11:42 AM – 12:00 PM **CEPC detector R&D**

Speaker
Joao Guimaraes da Costa

12:00 PM

10:30 AM

Physics, Experiments and Detectors: Physics Studies (ii)

Session | **Location:** F2044 Auditorium | **Convener:** Eric Laenen

10:30 – 10:48 AM **Four-jet production at electron-positron colliders at NNLO**

Speaker
Matteo Marcoli

10:48 – 11:06 AM **Cornering Natural SUSY at a Tera-Z Factory**

Speaker
Alessandro Valenti

11:06 – 11:24 AM **Long-lived Left-Right Symmetry at FCC-ee**

Speaker
Jonathan Kriewald

11:24 – 11:42 AM
Global fits and the search for new physics: past, present and future

Speaker
Anders Kvellestad

11:42 AM – 12:00 PM **Warm dark matter at the FCC**

Speaker
Duarte Da Silva Feiteira

12:00 PM

1:30 PM

Physics, Experiments and Detectors: Joint session Physics & Physics Software and Computing

Session | **Location:** F4050 Pieni juhlasali | **Convener:** Michele Selvaggi

1:30 – 1:48 PM **MC Generators Status and Plans**

Speaker
Andrzej Konrad Siodmok

1:48 – 2:06 PM **Analysis Tools and Visualisation**

Speaker
Juraj Smiesko

2:06 – 2:24 PM **Tracking and Vertexing Status and Plans**

Speaker
Andrea De Vita

2:24 – 2:42 PM **High Level Reconstruction Status and Plans**

Speaker
Sanghyun Ko

2:42 – 3:00 PM **LEP Data Status and Plans**

Speaker
Apranik Fatehi

3:00 PM

Thu, June 11

8:30 AM

Physics, Experiments and Detectors: Physics Studies 3

Session | **Location:** F4050 Pieni juhlasali | **Conveners:** Gaelle Boudoul, Santeri Laurila

8:30 – 8:50 AM **Higgs at FCC-ee: Status and Plans**

Speaker
Marco Delmastro

8:50 – 9:05 AM **Top quark at FCC-ee: Status and Plans**

Speaker
Xunwu Zuo

9:05 – 9:25 AM **FCC-hh: Status and Plans**

Speaker
Sarah Louise Williams

9:25 – 9:40 AM **Global Fits Status and Plans**

Speaker
Andrew Gilbert

10:00 AM

10:30 AM

Physics, Experiments and Detectors: Detectors (iii)

Session | **Location:** F4050 Pieni juhlasali | **Convener:** Tae Jeong Kim

10:30 – 10:48 AM **ALFA status and plans**

Speaker
Duccio Abbaneo

10:48 – 11:06 AM **ALLEGRO status and plans**

Speaker
Hucheng Chen

11:06 – 11:24 AM **CLD status and plans**

Speaker
Jinlong Zhang

11:24 – 11:42 AM **IDEA status and plans**

Speakers
Paolo Giacomelli, Paolo Giacomelli

11:42 AM – 12:00 PM **ILD status and plans**

Speaker
Taikan Suehara

12:00 PM

1:30 PM

Physics, Experiments and Detectors: Joint session Physics Software and Computing & Detectors

Session | **Location:** F4050 Pieni juhlasali | **Convener:** Chris Rasmussen

1:30 – 1:48 PM **Geometry and Simulation Status and Plans**

Speaker
Joshua Falco Beirer

1:48 – 2:06 PM **Digitizers and Local Reconstruction Status and Plans**

Speaker
Ulrich Einhaus

2:06 – 2:24 PM **Silicon Sensor Digitization**

Speaker
Jona Dilg

2:24 – 2:42 PM **Muon System Optimization for Displaced Signatures**

Speaker
Mahmoud Ali

2:42 – 3:00 PM

Surviving Generations of Code Changes: Preserving Physics and Performance

Speaker
Andreas Loeschcke Centeno

3:00 PM