

Session Program

5-7 Oct 2022

First ECFA WORKSHOP.

**on e^+e^- Higgs/EW/Top Factories, October 5-7,
2022, in Hamburg**

WG 2: Physics Analysis Methods

DESY Hamburg, Auditorium
Notkestr. 85 22769 Hamburg Germany

Wednesday 5 October

16:45

WG 2: Physics Analysis Methods: Session 1

Session | **Location:** DESY Hamburg, CSSB Auditorium | **Conveners:**
Alan Price, Dirk Zerwas, Patrizia Azzi, Fulvio Piccinini

16:45-17:00 **Luminosity Spectra for lepton colliders**

Speaker
Thorsten Ohl

17:00-17:20 **QCD for Lepton Colliders**

Speaker
Daniel Reichelt

17:20-17:45 **QED Status and Benchmarking Event Generators for Lepton Colliders**

Speaker
Alan Price

17:45-18:00 **Progress in DELPHES**

Speaker
Michele Selvaggi

18:00-18:15 **Generative Models for Fast Simulation of Electromagnetic and Hadronic Showers in Highly Granular Calorimeters**

Speaker
Engin Eren

18:15

Thursday 6 October

14:00

WG 2: Physics Analysis Methods: Session 2

Session | **Location:** DESY Hamburg, CSSB Auditorium | **Conveners:** Dirk Zerwas, Fulvio Piccinini, Patrizia Azzi

14:00–14:15 **Reconstruction with KEY4HEP**

Speaker

Juraj Smiesko

14:15–14:30 **High level reconstruction for Higgs factories**

Speaker

Taikan Suehara

14:30–14:45 **PID with Cluster Counting**

Speaker

Nicola De Filippis

14:45–15:00 **Identification of charged leptons in jets at future Higgs factories.**

Speaker

Leonhard Reichenbach

15:00–15:15 **A Particle Identification Framework for Future Higgs Factories**

Speaker

Ulrich Einhaus

15:15–15:30

ErrorFlow: Jet Error Estimation for Kinematic Fitting in Particle Flow Detectors at Future Higgs Factories

Speaker

Yasser Radkhorrami

15:30