

# **ECFA Higgs Factories: 2nd Topical Meeting on Reconstruction**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

# A Comprehensive Particle ID Framework

*Wednesday 12 July 2023 09:55 (25 minutes)*

**Presenter:** EINHAUS, Ulrich

**Session Classification:** Morning Session 2

Contribution ID: 2

Type: **not specified**

## Famous Last Words

*Wednesday 12 July 2023 15:10 (10 minutes)*

**Presenters:** ZERWAS, Dirk (Université Paris-Saclay (FR)); PICCININI, Fulvio (Pavia University and INFN (IT)); AZZI, Patrizia (INFN Padova (IT))

Contribution ID: **3**

Type: **not specified**

## Welcome

*Tuesday 11 July 2023 10:00 (10 minutes)*

**Presenters:** ZERWAS, Dirk (Université Paris-Saclay (FR)); PICCININI, Fulvio (Pavia University and INFN (IT)); AZZI, Patrizia (INFN Padova (IT))

Contribution ID: 4

Type: **not specified**

## **DNN particle flow**

*Wednesday 12 July 2023 11:40 (25 minutes)*

**Presenter:** SUEHARA, Taikan (Kyushu University (JP))

**Session Classification:** Morning Session 2

Contribution ID: 5

Type: **not specified**

## **LCIO2EDM4HEP converter and applications**

*Tuesday 11 July 2023 14:30 (25 minutes)*

**Presenter:** MADLENER, Thomas (Deutsches Elektronen-Synchrotron (DESY))

**Session Classification:** Afternoon Session 1

Contribution ID: 6

Type: **not specified**

## ParticleNet ML tagger

*Wednesday 12 July 2023 11:15 (25 minutes)*

**Presenter:** GARCIA, Dolores (CERN)

**Session Classification:** Morning Session 2

Contribution ID: 7

Type: **not specified**

## **Particle Flow reconstruction with the DR calorimeter in Pandora Framework**

*Wednesday 12 July 2023 12:05 (20 minutes)*

**Presenter:** DI MICCO, Biagio (Universita' degli Studi di Roma Tre e Istituto Nazionale di Fisica Nucleare (INFN))

**Session Classification:** Morning Session 2



Contribution ID: 8

Type: **not specified**

## Overview of KEY4HEP

*Tuesday 11 July 2023 14:00 (30 minutes)*

**Presenter:** GAEDE, Frank-Dieter (Deutsches Elektronen-Synchrotron (DE))

**Session Classification:** Afternoon Session 1

Contribution ID: 9

Type: **not specified**

## Overlay in KEY4HEP

*Tuesday 11 July 2023 14:55 (20 minutes)*

**Presenter:** SAILER, Andre (CERN)

**Session Classification:** Afternoon Session 1

Contribution ID: **10**

Type: **not specified**

## Overlay for C<sup>3</sup>

*Tuesday 11 July 2023 15:15 (20 minutes)*

**Presenter:** GRAY, Lindsey (Fermi National Accelerator Lab. (US))

**Session Classification:** Afternoon Session 1

Contribution ID: **11**

Type: **not specified**

## Discussion

*Tuesday 11 July 2023 15:35 (15 minutes)*

**Session Classification:** Afternoon Session 1

Contribution ID: 12

Type: **not specified**

## **ACTS tracking in a muon collider**

*Tuesday 11 July 2023 16:30 (20 minutes)*

**Presenter:** KRIZKA, Karol (University of Birmingham (GB))

**Session Classification:** Afternoon Session 2: Kinematic Fits

Contribution ID: 13

Type: **not specified**

## Lepton ID in jets

*Tuesday 11 July 2023 17:00 (20 minutes)*

**Presenter:** REICHENBACH, Leonhard (University of Bonn (DE))

**Session Classification:** Afternoon Session 2: Kinematic Fits

Contribution ID: 14

Type: **not specified**

## Cluster Counting with IDEA Drift Chamber

*Wednesday 12 July 2023 09:30 (20 minutes)*

**Presenter:** DE FILIPPIS, Nicola (Politecnico/INFN Bari (IT))

**Session Classification:** Morning Session 2

Contribution ID: 15

Type: **not specified**

## Reconstruction Needs for LLP

*Tuesday 11 July 2023 10:55 (20 minutes)*

**Presenter:** TORRO PASTOR, Emma (Univ. of Valencia and CSIC (ES))

**Session Classification:** ECFA Topics



Contribution ID: 16

Type: **not specified**

## **Higgs to strange and other strange final states**

*Tuesday 11 July 2023 11:30 (20 minutes)*

**Presenter:** SUEHARA, Taikan (Kyushu University (JP))

**Session Classification:** ECFA Topics

Contribution ID: 17

Type: **not specified**

## W physics

*Wednesday 12 July 2023 14:35 (20 minutes)*

**Presenter:** WILSON, Graham (The University of Kansas (US))

**Session Classification:** Afternoon Session 2: Kinematic Fits

Contribution ID: **18**

Type: **not specified**

## **Focus Topics Reconstruction Needs: Overview and Selected Topics**

*Tuesday 11 July 2023 10:10 (30 minutes)*

**Presenter:** LIST, Jenny (Deutsches Elektronen-Synchrotron (DE))

**Session Classification:** ECFA Topics

Contribution ID: **20**

Type: **not specified**

## **Reconstructing Higgs pair production events**

*Wednesday 12 July 2023 14:00 (20 minutes)*

**Presenter:** TORNDAL, Julie Munch (Deutsches Elektronen-Synchrotron (DE))

**Session Classification:** Afternoon Session 2: Kinematic Fits

Contribution ID: **21**

Type: **not specified**

## Discussion

*Wednesday 12 July 2023 14:20 (15 minutes)*

**Session Classification:** Afternoon Session 2: Kinematic Fits

Contribution ID: 22

Type: **not specified**

## DINNER LUIGIA ACADEMY

*Tuesday 11 July 2023 19:00 (3 hours)*

Dinner is booked at 19:00. If you changed idea and would like to come or cancel please send mail to us asap.

Contribution ID: 23

Type: **not specified**

## Discussion

*Wednesday 12 July 2023 14:55 (15 minutes)*

**Session Classification:** Afternoon Session 2: Kinematic Fits

Contribution ID: 24

Type: **not specified**

## Discussion

*Tuesday 11 July 2023 10:40 (15 minutes)*

**Session Classification:** ECFA Topics



Contribution ID: 25

Type: **not specified**

## Discussion

*Tuesday 11 July 2023 11:15 (15 minutes)*

**Session Classification:** ECFA Topics

Contribution ID: 26

Type: **not specified**

## Discussion

*Tuesday 11 July 2023 11:50 (15 minutes)*

**Session Classification:** ECFA Topics