

ECFA Higgs Factories: 2nd Topical Meeting on Generators

Report of Contributions

Contribution ID: **1**

Type: **not specified**

Welcome

Wednesday 21 June 2023 10:30 (10 minutes)

Presenter: Prof. MALTONI, Fabio (Universite Catholique de Louvain (UCL) (BE) and Università di Bologna)

Contribution ID: 2

Type: **not specified**

Introduction

Wednesday 21 June 2023 10:40 (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**

Famous Last Words

Thursday 22 June 2023 15:50 (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**

Overview KEY4HEP Interface to Generators

Wednesday 21 June 2023 14:30 (20 minutes)

Presenter: GANIS, Gerardo

Session Classification: KEY4HEP

Contribution ID: 5

Type: **not specified**

Lessons learned from LEP2

Thursday 22 June 2023 09:00 (30 minutes)

Presenter: PICCININI, Fulvio (Pavia University and INFN (IT))

Session Classification: Benchmarks

Contribution ID: 6

Type: **not specified**

Technical Benchmarks

Thursday 22 June 2023 09:30 (30 minutes)

Presenter: PRICE, Alan

Session Classification: Benchmarks

Contribution ID: 7

Type: **not specified**

Discussion

Thursday 22 June 2023 11:00 (30 minutes)

Session Classification: Benchmarks

Contribution ID: 8

Type: **not specified**

Generator Comparisons at Reconstruction Level

Thursday 22 June 2023 10:00 (25 minutes)

Presenter: ZHAO, Zhijie

Session Classification: Benchmarks

Contribution ID: **9**

Type: **not specified**

Discussion

Wednesday 21 June 2023 17:30 (20 minutes)

Session Classification: ECFA Topics

Contribution ID: **10**

Type: **not specified**

Status of Beamstrahlung

Wednesday 21 June 2023 10:50 (30 minutes)

Presenter: OHL, Thorsten

Session Classification: Beamstrahlung/Bremsstrahlung/ISR/FSR

Contribution ID: **11**

Type: **not specified**

Increasing the accuracy of QED radiation: inclusive vs exclusive description

Wednesday 21 June 2023 11:20 (30 minutes)

Presenter: FRIXIONE, Stefano (INFN)

Session Classification: Beamstrahlung/Bremsstrahlung/ISR/FSR

Contribution ID: **12**

Type: **not specified**

MC Formats: HepMC

Wednesday 21 June 2023 14:50 (25 minutes)

Presenter: BUCKLEY, Andy (University of Glasgow (GB))

Session Classification: KEY4HEP

Contribution ID: **13**

Type: **not specified**

Discussion

Wednesday 21 June 2023 15:15 (15 minutes)

Session Classification: KEY4HEP

Contribution ID: **14**

Type: **not specified**

Discussion

Wednesday 21 June 2023 12:00 (30 minutes)

Session Classification: Beamstrahlung/Bremsstrahlung/ISR/FSR

Contribution ID: 15

Type: **not specified**

Status and prospects of parton shower accuracy

Thursday 22 June 2023 11:45 (30 minutes)

Presenter: HELLIWELL, Jack Oliver (University of Oxford (GB))

Session Classification: Prediction Precision and Analysis

Contribution ID: 16

Type: **not specified**

Precision for KKMC Monte Carlo – necessary associated efforts

Thursday 22 June 2023 14:00 (25 minutes)

Presenter: WAS, Zbigniew Andrzej (Polish Academy of Sciences (PL))

Session Classification: Prediction Precision and Analysis

Contribution ID: 17

Type: **not specified**

Lessons learned from Vectorizing Madgraph

Thursday 22 June 2023 14:25 (25 minutes)

Presenter: VALASSI, Andrea (CERN)

Session Classification: Prediction Precision and Analysis

Contribution ID: **18**

Type: **not specified**

Discussion

Thursday 22 June 2023 15:15 (35 minutes)

Session Classification: Prediction Precision and Analysis

Contribution ID: **19**

Type: **not specified**

Focus topic MC needs: Bhabha luminometry

Wednesday 21 June 2023 16:50 (20 minutes)

Presenter: SKRZYPEK, Maciej (Polish Academy of Sciences (PL))

Session Classification: ECFA Topics

Contribution ID: **20**

Type: **not specified**

Focus topic MC needs: BSM

Wednesday 21 June 2023 16:30 (20 minutes)

Presenter: WILLIAMS, Sarah Louise (University of Cambridge (GB))

Session Classification: ECFA Topics

Contribution ID: **21**

Type: **not specified**

Focus topic MC needs: ttbar threshold

Wednesday 21 June 2023 17:10 (20 minutes)

Presenter: ZARNECKI, Aleksander (University of Warsaw (PL))

Session Classification: ECFA Topics

Contribution ID: 23

Type: **not specified**

C³ : First Results on Beamstrahlung

Wednesday 21 June 2023 15:30 (15 minutes)

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

Session Classification: Beamstrahlung/Bremsstrahlung/ISR/FSR

Contribution ID: **24**

Type: **not specified**

Discussion

Wednesday 21 June 2023 15:45 (15 minutes)

Session Classification: Beamstrahlung/Bremsstrahlung/ISR/FSR

Contribution ID: 25

Type: **not specified**

Monte Carlo Tuning at Future Lepton Colliders

Wednesday 21 June 2023 14:00 (20 minutes)

Presenter: GELLERSEN, Leif Erik

Session Classification: Benchmarks

Contribution ID: 26

Type: **not specified**

Collinearly Enhanced Realizations of the YFS MC Approach to Precision Resummation Theory

Thursday 22 June 2023 14:50 (25 minutes)

Presenter: WARD, Bennie

Session Classification: Prediction Precision and Analysis