

Kick-Off Workshop on Detector Optimisation and Benchmarking for FCC-ee

Report of Contributions

Contribution ID: 1

Type: **not specified**

LAr Concept

Wednesday 22 June 2022 11:30 (20 minutes)

Presenter: FRANCOIS, Brieuc (CERN)

Session Classification: Views from the Detector Concepts

Contribution ID: 2

Type: **not specified**

CLD

Wednesday 22 June 2022 13:30 (20 minutes)

Presenter: SAILER, Andre (CERN)

Session Classification: Views from the Detector Concepts

Contribution ID: 3

Type: **not specified**

IDEA

Wednesday 22 June 2022 11:00 (20 minutes)

Presenters: GIACOMELLI, Paolo (Universita e INFN, Bologna (IT)); GIACOMELLI, Paolo (Universita e INFN, Bologna (IT)); GIACOMELLI, Paolo (INFN Sezione di Bologna)

Session Classification: Views from the Detector Concepts

Contribution ID: 4

Type: **not specified**

ILD Benchmarking and optimisation

Wednesday 22 June 2022 14:00 (25 minutes)

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

Session Classification: Experience from the Linear Collider community

Contribution ID: 5

Type: **not specified**

SiD Benchmarking and Optimisation

Wednesday 22 June 2022 14:30 (25 minutes)

Presenter: STRUBE, Jan

Session Classification: Experience from the Linear Collider community

Contribution ID: 6

Type: **not specified**

CLICdet Benchmarking and Optimisation

Wednesday 22 June 2022 15:00 (25 minutes)

Presenter: SIMON, Frank (Max-Planck-Institut fuer Physik)

Session Classification: Experience from the Linear Collider community

Contribution ID: 7

Type: **not specified**

Detector Performance view on Benchmarking - Part 1

Wednesday 22 June 2022 09:20 (25 minutes)

Presenter: PEREZ, Emmanuel Francois (CERN)

Session Classification: Physics benchmarking

Contribution ID: 8

Type: **not specified**

Introduction

Wednesday 22 June 2022 09:00 (15 minutes)

Presenter: DAM, Mogens (University of Copenhagen (DK))

Session Classification: Physics benchmarking

Contribution ID: 9

Type: **not specified**

Detector Performance View on Benchmarking - Part 2

Wednesday 22 June 2022 09:55 (25 minutes)

Presenter: AZZI, Patrizia (INFN Padova (IT))

Session Classification: Physics benchmarking

Contribution ID: **10**

Type: **not specified**

CMOS pixel sensors

Thursday 23 June 2022 14:00 (20 minutes)

Presenters: EL BITAR, Ziad (CNRS); EL BITAR, Ziad (Centre National de la Recherche Scientifique (FR))

Session Classification: Detector R&D

Contribution ID: **11**

Type: **not specified**

Scintillating sampling ECAL technology

Thursday 23 June 2022 14:30 (20 minutes)

Presenter: ROLOFF, Philipp (CERN)

Session Classification: Detector R&D

Contribution ID: 12

Type: **not specified**

Dual-readout calorimetry in IDEA

Thursday 23 June 2022 15:00 (20 minutes)

Presenter: SANTORO, Romualdo (Insubria University and INFN - MI)

Session Classification: Detector R&D

Contribution ID: 13

Type: **not specified**

IDEA wire chamber

Thursday 23 June 2022 16:00 (20 minutes)

Presenters: GRANCAGNOLO, Francesco (Universita & INFN Lecce (IT)); GRANCAGNOLO, Francesco (INFN - Lecce)

Session Classification: Detector R&D

Contribution ID: 14

Type: **not specified**

Progress on ARC

Thursday 23 June 2022 16:30 (20 minutes)

Presenter: FORTY, Roger (CERN)

Session Classification: Detector R&D

Contribution ID: 15

Type: **not specified**

Software Tools for Detector Optimisation: Introduction (5')

Thursday 23 June 2022 09:00 (5 minutes)

Authors: HELSENS, Clement (KIT - Karlsruhe Institute of Technology (DE)); GANIS, Gerardo (CERN)

Presenters: HELSENS, Clement (KIT - Karlsruhe Institute of Technology (DE)); GANIS, Gerardo (CERN)

Session Classification: Software tools for Detector Optimisation

Contribution ID: 16

Type: **not specified**

New concepts in fast simulation (15'+5')

Thursday 23 June 2022 09:05 (20 minutes)

Author: ZABOROWSKA, Anna (CERN)

Presenter: ZABOROWSKA, Anna (CERN)

Session Classification: Software tools for Detector Optimisation

Contribution ID: 17

Type: **not specified**

Full simulation (15'+5')

Thursday 23 June 2022 09:25 (20 minutes)

Author: SMIESKO, Juraj (CERN)

Presenter: SMIESKO, Juraj (CERN)

Session Classification: Software tools for Detector Optimisation

Contribution ID: **18**

Type: **not specified**

Reconstructions Tools for PED studies (15'+5')

Thursday 23 June 2022 09:45 (20 minutes)

Authors: HELSENS, Clement (KIT - Karlsruhe Institute of Technology (DE)); GANIS, Gerardo (CERN)

Presenters: HELSENS, Clement (KIT - Karlsruhe Institute of Technology (DE)); GANIS, Gerardo (CERN)

Session Classification: Software tools for Detector Optimisation

Contribution ID: 19

Type: **not specified**

Software Session Wrap-up (5')

Thursday 23 June 2022 10:25 (5 minutes)

Author: HELSENS, Clement (KIT - Karlsruhe Institute of Technology (DE))

Presenters: HELSENS, Clement (KIT - Karlsruhe Institute of Technology (DE)); GANIS, Gerardo (CERN)

Session Classification: Software tools for Detector Optimisation

Contribution ID: 20

Type: **not specified**

Tools for MDI related backgrounds (15'+5')

Thursday 23 June 2022 10:05 (20 minutes)

Author: Dr CIARMA, Andrea (CERN)

Presenter: Dr CIARMA, Andrea (CERN)

Session Classification: Software tools for Detector Optimisation