

# **ECFA WG3: Topical workshop on calorimetry, PID and photodetectors**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## Introduction

*Wednesday 3 May 2023 13:30 (20 minutes)*

DRD process and ECFA study plans, relations to DRDs, projects and concepts, news

**Presenter:** SEFKOW, Felix (Deutsches Elektronen-Synchrotron (DE))

**Session Classification:** Introduction and requirements by future facilities

Contribution ID: 2

Type: **not specified**

## **Requirements from future facilities: experimental conditions**

*Wednesday 3 May 2023 13:50 (35 minutes)*

bunch time structure, backgrounds, pile-up, rates, MDI aspects for FCALs

**Presenter:** MARCHIORI, Giovanni (APC, CNRS/IN2P3 and Université de Paris)

**Session Classification:** Introduction and requirements by future facilities

Contribution ID: 3

Type: **not specified**

## Physics drivers for calorimeters

*Wednesday 3 May 2023 14:25 (45 minutes)*

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

**Session Classification:** Introduction and requirements by future facilities

Contribution ID: 4

Type: **not specified**

## **Physics drivers , conceptual designs and R&D challenges for particle ID**

*Thursday 4 May 2023 09:00 (45 minutes)*

**Presenter:** EINHAUS, Ulrich

**Session Classification:** R&D Plans for e+e- factories

Contribution ID: 5

Type: **not specified**

## Highly granular sandwich calorimeters

*Wednesday 3 May 2023 15:10 (45 minutes)*

**Presenter:** BOUDRY, Vincent (LLR, CNRS, École polytechnique, Institut Polytechnique de Paris)

**Session Classification:** Introduction and requirements by future facilities

Contribution ID: 6

Type: **not specified**

## Noble liquid calorimeters

*Wednesday 3 May 2023 16:25 (45 minutes)*

**Presenter:** FALTOVA, Jana (Charles University (CZ))

**Session Classification:** Conceptual designs and related R&D challenges

Contribution ID: 7

Type: **not specified**

## Optical and dual read-out calorimeters

*Wednesday 3 May 2023 17:10 (45 minutes)*

**Presenter:** VIVARELLI, Iacopo (University of Sussex (GB))

**Session Classification:** Conceptual designs and related R&D challenges



Contribution ID: 9

Type: **not specified**

## DRD4 plans for photon detectors and PID

*Thursday 4 May 2023 09:45 (30 minutes)*

**Presenter:** HARNEW, Neville (University of Oxford (GB))

**Session Classification:** R&D Plans for e+e- factories

Contribution ID: **10**

Type: **not specified**

## **DRD6 plans for sandwich ECALs**

*Thursday 4 May 2023 11:45 (40 minutes)*

**Presenter:** IRLES, Adrian (IFIC CSIC/UV)

**Session Classification:** R&D Plans for e+e- factories

Contribution ID: **11**

Type: **not specified**

## **DRD6 plans for sandwich HCALs**

*Thursday 4 May 2023 12:25 (35 minutes)*

**Presenter:** KRUGER, Katja (Deutsches Elektronen-Synchrotron (DE))

**Session Classification:** R&D Plans for e+e- factories

Contribution ID: 12

Type: **not specified**

## DRD6 plans for noble liquid calorimeters

*Thursday 4 May 2023 16:05 (30 minutes)*

**Presenter:** NIKIFOROU, Nikiforos (CERN)

**Session Classification:** R&D Plans for e+e- factories

Contribution ID: 13

Type: **not specified**

## **Optimisation studies and software tools, common items (electronics and infrastructure)**

*Thursday 4 May 2023 17:35 (30 minutes)*

**Presenter:** POESCHL, Roman (Université Paris-Saclay (FR))

**Session Classification:** R&D Plans for e+e- factories

Contribution ID: 14

Type: **not specified**

## **DRD1 plans on gaseous detectors for PID**

*Thursday 4 May 2023 10:15 (30 minutes)*

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

**Session Classification:** R&D Plans for e+e- factories

Contribution ID: 15

Type: **not specified**

## **DRD3 plans on solid state detectors for calorimetry and PID**

*Thursday 4 May 2023 17:05 (30 minutes)*

**Presenter:** DOPKE, Jens (Science and Technology Facilities Council STFC (GB))

**Session Classification:** R&D Plans for e+e- factories

Contribution ID: **16**

Type: **not specified**

## **DRD7 plans on electronics for calorimetry and PID**

*Thursday 4 May 2023 11:15 (30 minutes)*

**Presenter:** Prof. NEWBOLD, Dave (STFC Rutherford Appleton Laboratory (GB))

**Session Classification:** R&D Plans for e+e- factories



Contribution ID: 17

Type: **not specified**

## **DRD8 plans on mechanics for calorimetry and PID (cancelled)**

*Thursday 4 May 2023 16:35 (30 minutes)*

**Presenter:** RIEGLER, Werner (CERN)

**Session Classification:** R&D Plans for e+e- factories

Contribution ID: **18**

Type: **not specified**

## **DRD6 plans for fibre calorimeters**

*Thursday 4 May 2023 14:15 (40 minutes)*

**Presenter:** GAUDIO, Gabriella (INFN-Pavia)

**Session Classification:** R&D Plans for e+e- factories

Contribution ID: **19**

Type: **not specified**

## **DRD6 plans for crystal and homogeneous calorimeters**

*Thursday 4 May 2023 14:55 (40 minutes)*

**Presenter:** LUCCHINI, Marco Toliman (Università & INFN, Milano-Bicocca (IT))

**Session Classification:** R&D Plans for e+e- factories

Contribution ID: 20

Type: **not specified**

## **DRD1 plans on gaseous detectors for calorimeters**

*Wednesday 3 May 2023 17:55 (30 minutes)*

**Presenter:** LAKTINEH, Imad (Centre National de la Recherche Scientifique (FR))

**Session Classification:** Conceptual designs and related R&D challenges