

# **DRD1 Community Meeting**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## MoU and Common Fund(s)

*Thursday 2 March 2023 15:20 (20 minutes)*

**Session Classification:** Collaboration issues

Contribution ID: 2

Type: **not specified**

## Common Projects

*Thursday 2 March 2023 15:40 (20 minutes)*

**Session Classification:** Collaboration issues

Contribution ID: 3

Type: **not specified**

## Work Packages

*Thursday 2 March 2023 16:00 (20 minutes)*

**Session Classification:** Collaboration issues

Contribution ID: 4

Type: **not specified**

## **Structure of the DRD1 Collaboration**

*Thursday 2 March 2023 16:20 (20 minutes)*

**Session Classification:** Collaboration issues

Contribution ID: 5

Type: **not specified**

## **WG8 scope, survey and activities**

*Thursday 2 March 2023 14:00 (40 minutes)*

**Presenters:** PAOLONI, Alessandro (INFN e Laboratori Nazionali di Frascati (IT)); LIBERTI, Barbara (INFN e Universita Roma Tor Vergata (IT)); BARACCHINI, Elisabetta; BRUNBAUER, Florian Maximilian (CERN); IODICE, Mauro (INFN - Sezione di Roma Tre)

**Session Classification:** WG8: Training and dissemination

Contribution ID: 6

Type: **not specified**

## **Discussion on training and dissemination**

*Thursday 2 March 2023 14:40 (20 minutes)*

**Session Classification:** WG8: Training and dissemination

Contribution ID: 7

Type: **not specified**

## Common Test Facilities

*Thursday 2 March 2023 11:20 (45 minutes)*

**Presenters:** FERRETTI, Alessandro (Universita e INFN Torino (IT)); OLIVERI, Eraldo (CERN); IASELLI, Giuseppe (Universita e INFN, Bari (IT)); GUIDA, Roberto (CERN); TSIPOLITIS, Yorgos (National Technical Univ. of Athens (GR))

**Session Classification:** WG7: Common test facilities



Contribution ID: 8

Type: **not specified**

## Discussion

*Thursday 2 March 2023 12:05 (15 minutes)*

**Session Classification:** WG7: Common test facilities

Contribution ID: 9

Type: **not specified**

## Introduction

**Session Classification:** WG2: Applications

Contribution ID: **10**

Type: **not specified**

## **Applications: (Muon) Tracking and Triggering Systems**

*Wednesday 1 March 2023 11:40 (15 minutes)*

**Presenter:** AIELLI, Giulio (INFN e Universita Roma Tor Vergata (IT))

**Session Classification:** WG2: Applications

Contribution ID: 11

Type: **not specified**

## **Inner and central tracking with PID capability: Drift Chambers & Straw Chambers**

*Wednesday 1 March 2023 11:55 (15 minutes)*

**Presenter:** Dr GRANCAGNOLO, Francesco (Universita & INFN Lecce (IT))

**Session Classification:** WG2: Applications

Contribution ID: 12

Type: **not specified**

## **Inner and central tracking with PID capability: TPCs**

*Wednesday 1 March 2023 14:00 (15 minutes)*

**Presenter:** GARCIA FUENTES, Francisco Ignacio (Helsinki Institute of Physics (FI))

**Session Classification:** WG2: Applications

Contribution ID: 13

Type: **not specified**

## TPCs for rare event searches

*Wednesday 1 March 2023 12:25 (15 minutes)*

**Presenter:** GONZALEZ DIAZ, Diego (Universidade de Santiago de Compostela (ES))

**Session Classification:** WG2: Applications

Contribution ID: 14

Type: **not specified**

## Photon detection and Time of Flight systems

*Wednesday 1 March 2023 12:10 (15 minutes)*

**Presenter:** GASIK, Piotr (GSI - Helmholtzzentrum für Schwerionenforschung GmbH (DE))

**Session Classification:** WG2: Applications

Contribution ID: 15

Type: **not specified**

# Calorimetry and Fundamental research applications beyond HEP

*Wednesday 1 March 2023 14:15 (15 minutes)*

**Presenter:** PUGLIESE, Gabriella (Universita e INFN, Bari (IT))

**Session Classification:** WG2: Applications



Contribution ID: 16

Type: **not specified**

## **WG2 Summary in the context of the ECFA Detector R&D Roadmap Implementation**

*Wednesday 1 March 2023 14:30 (30 minutes)*

**Presenters:** COLALEO, Anna (Universita e INFN, Bari (IT)); TITOV, Maksym (Université Paris-Saclay (FR))

**Session Classification:** WG2: Applications

Contribution ID: 17

Type: **not specified**

## **DRD1-WG6: survey results and future prospects**

*Thursday 2 March 2023 10:00 (25 minutes)*

**Presenters:** DE OLIVEIRA, Rui (CERN); JEANNEAU, Fabien (Université Paris-Saclay (FR)); DELBART, Alain (Université Paris-Saclay (FR)); IASELLI, Giuseppe (Universita e INFN, Bari (IT)); CHARLES, Gabriel (Université Paris-Saclay (FR)); LAKTINEH, Imad (Centre National de la Recherche Scientifique (FR))

**Session Classification:** WG6: Detector production

Contribution ID: **18**

Type: **not specified**

## Discussion

*Thursday 2 March 2023 10:35 (25 minutes)*

**Session Classification:** WG6: Detector production

Contribution ID: **19**

Type: **not specified**

## **WG3: Gas and material studies**

*Wednesday 1 March 2023 15:00 (30 minutes)*

**Presenters:** PASTORE, Alessandra (Universita e INFN, Bari (IT)); ALVAREZ GONZALEZ, Barbara (Universidad de Oviedo (ES)); MANDELLI, Beatrice (CERN); PICCOLO, Davide (INFN e Laboratori Nazionali di Frascati (IT)); RENGA, Francesco (INFN Roma); MORELLO, Gianfranco (INFN e Laboratori Nazionali di Frascati (IT)); DEHMELT, Klaus; ROTH, Stefan (Rheinisch Westfaelische Tech. Hoch. (DE))

**Session Classification:** WG3: Gas and material studies

Contribution ID: **20**

Type: **not specified**

## **Discussion**

*Wednesday 1 March 2023 15:30 (30 minutes)*

**Session Classification:** WG3: Gas and material studies

Contribution ID: 21

Type: **not specified**

## **Survey :: Detector Physics, Simulation and Software Tools**

*Wednesday 1 March 2023 16:20 (10 minutes)*

**Presenter:** VERWILLIGEN, Piet (Universita e INFN, Bari (IT))

**Session Classification:** WG4: Detector physics, simulations, and software tools

Contribution ID: 22

Type: **not specified**

## Short reports from various technologies (Wires - TPC - RPC - MPGD)

*Wednesday 1 March 2023 16:30 (15 minutes)*

**Presenters:** RENGA, Francesco (INFN Roma); ABBRESCIA, Marcello (Universita e INFN, Bari (IT)); ABBRESCIA, Marcello (Bari Physics Department and INFN); Dr BORYSOVA, Maryna (Weizmann Institute of Science & KINR, NAS of Ukraine); FONTE, Paulo; VERWILLIGEN, Piet (Universita e INFN, Bari (IT))

**Session Classification:** WG4: Detector physics, simulations, and software tools

Contribution ID: 23

Type: **not specified**

## Possible common Software Development

*Wednesday 1 March 2023 16:45 (10 minutes)*

**Presenter:** VERWILLIGEN, Piet (Universita e INFN, Bari (IT))

**Session Classification:** WG4: Detector physics, simulations, and software tools



Contribution ID: 24

Type: **not specified**

## Discussion

*Wednesday 1 March 2023 16:55 (20 minutes)*

**Session Classification:** WG4: Detector physics, simulations, and software tools

Contribution ID: 25

Type: **not specified**

## Introduction

*Wednesday 1 March 2023 10:40 (5 minutes)*

**Presenter:** COLAS, Paul (Université Paris-Saclay (FR))

**Session Classification:** WG1: Technologies

Contribution ID: 26

Type: **not specified**

## Analysis of the Survey

*Wednesday 1 March 2023 10:45 (20 minutes)*

**Presenter:** DEPPNER, Ingo-Martin (Physikalisches Institut der Universität Heidelberg)

**Session Classification:** WG1: Technologies

Contribution ID: 27

Type: **not specified**

## Goals and Challenges

*Wednesday 1 March 2023 11:05 (20 minutes)*

**Presenter:** RESNATI, Filippo (CERN)

**Session Classification:** WG1: Technologies

Contribution ID: 29

Type: **not specified**

## Discussion

*Wednesday 1 March 2023 11:25 (15 minutes)*

**Session Classification:** WG1: Technologies

Contribution ID: **30**

Type: **not specified**

## **DRD1 Survey**

*Wednesday 1 March 2023 09:40 (40 minutes)*

**Presenter:** OLIVERI, Eraldo (CERN)

**Session Classification:** General

Contribution ID: **31**

Type: **not specified**

## **Example of a common facility: CERN MPT Workshop**

*Thursday 2 March 2023 10:25 (10 minutes)*

**Presenter:** DE OLIVEIRA, Rui (CERN)

**Session Classification:** WG6: Detector production

Contribution ID: 32

Type: **not specified**

## **ECFA Roadmap and implementation**

*Wednesday 1 March 2023 09:00 (30 minutes)*

**Session Classification:** General



Contribution ID: 33

Type: **not specified**

## **WG1: Technologies**

*Friday 3 March 2023 09:00 (10 minutes)*

**Session Classification:** Drafting

Contribution ID: 34

Type: **not specified**

## **WG2: Applications**

*Friday 3 March 2023 09:10 (10 minutes)*

**Session Classification:** Drafting

Contribution ID: 35

Type: **not specified**

## **WG3: Gas and material studies**

*Friday 3 March 2023 09:20 (10 minutes)*

**Session Classification:** Drafting

Contribution ID: 36

Type: **not specified**

## **WG4: Detector physics, simulations, and software tools**

*Friday 3 March 2023 09:30 (10 minutes)*

**Session Classification:** Drafting

Contribution ID: 37

Type: **not specified**

## **WG5: Electronics for gaseous detectors**

*Friday 3 March 2023 09:40 (10 minutes)*

**Session Classification:** Drafting

Contribution ID: **38**

Type: **not specified**

## **WG6: Detector production**

*Friday 3 March 2023 09:50 (10 minutes)*

**Session Classification:** Drafting

Contribution ID: 39

Type: **not specified**

## **WG7: Common test facilities**

*Friday 3 March 2023 10:00 (10 minutes)*

**Session Classification:** Drafting

Contribution ID: 40

Type: **not specified**

## **WG8: Training and dissemination**

*Friday 3 March 2023 10:10 (10 minutes)*

**Session Classification:** Drafting



Contribution ID: 41

Type: **not specified**

## **Discussion session (Collaboration issues et al.)**

*Friday 3 March 2023 10:20 (20 minutes)*

**Session Classification:** Drafting