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Welcome and Introduction

Open Session of the 4th Meeting of the Detector R&D Committee

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13 Nov 2024

Overview DRD Collaborations

Fully Approved for an initial period of 3 years by CERN Research Board in December 2023

- Gaseous Detectors (DRD1) [ex RD51]
- Liquid Detectors (DRD2)
- Photodetectors & Particle ID (DRD4)
- Calorimetry (DRD6)

Reports at [March 2024 open DRDC session](#); first review at this DRDC meeting

Fully Approved for an initial period of 3 years by CERN Research Board in June 2024

- Semiconductor Detectors (DRD3) [ex RD50, RD42,..]
- Quantum Sensors (DRD5)
- Electronics (DRD7)

Talks at [open session June 3rd 2024](#)

Letter of Intent submitted

- Integration (DRD8) Full Proposal submitted by 31 Oct 2024

DRDC Reviewing

- This first review round is not going into depth, as we are not yet in a fully steady state
 - MoU is not in place yet with deliverables and work packages listed there, which might need a re-iteration of the work plan listed in the approved DRD proposals
 - We have asked the DRD collaborations for the closed session to
 - Explain how they started the operation of the collaboration and established all its bodies.
 - Prepare a list of milestones and accomplishments they have planned for the first year, according to the approved DRD proposals.
- Will be more into details for next year's review
 - Will have members of DRDC assigned to each collaboration
 - Start to discuss with them already well in advance of DRDC meeting on their achievements, compare to plan and budget,... (similar to LHCC review)

MoU Template by CERN

- CERN will provide a template for the **Memorandum of Understanding between all institutes of each DRD collaboration (and CERN)**
 - To agree with CERN's *General Conditions for the execution of experiments*, legal service, KT office,...
- **Main MoU** is the only one that is physically/electronically signed by each institution; Contains: Obligations of CERN as host laboratory, industrial involvements, common fund, definitions of work packages, working groups. Meant to be unchanged during the whole collab. lifetime
- **Annexes:** everything that can change over time
 - Do not necessarily need a physical signature by funding agencies, but agreement/vote at a finance committee meeting (with representatives of funding agencies)
 - However: Annex 7/8 should be filled already with reasonable work program. FAs will most likely not sign an empty table
- **Status:** Final draft of MoU Template distributed among all DRD collaboration managements
 - Deadline for responses by Nov 8th
 - Then formal signature procedure to be started

- Annex 1: Collaborating Institutions and their Contact Persons
- Annex 2: Funding Agencies and their Representatives
- Annex 3: Equipment Structure and Technical Participation of the Collaborating Institutions
- Annex 4: The Organisational Structure of the Collaboration
- Annex 5: Overview of the Financial Participation of the Funding Agencies
- Annex 6: Specific Obligations and Responsibilities of CERN as the Host Laboratory of the DRDn Collaboration
- **Annex 7: Work Packages**
- **Annex 8: Working Groups**
- Annex 9: Other Work Entities
- Annex 10: Included Background IP
- Annex 11: Conflict of Interest Disclosure Form
- Annex 12: CERN General Conditions Applicable to Experiments

Outlook

- DRDC Meetings 2025:
 - 24-25 February: first round of DRD 3,5 & 7
 - 4-5 November: second round with more detailed review
- 2026: written status reports "prolongation request", as approval period is 3 years
- DRD jamboree 29 October 2025 (morning)
 - 20 minutes of presentation plus 5 minutes of Q&A of each DRD collaboration representative/spokesperson in front of funding agencies
 - On the occasion of the LHC Resources Review Boards (RRB) meetings which will happen on 27/28 October, representatives from major funding agencies will be at CERN
 - It was suggested to take this opportunity to present the Funding Agencies the DRD work program

The End.

DRD Managers Forum

- The DRD Collaborations Managers Forum (DCMF) is an **informal body** (in the sense of not being a committee of either CERN or ECFA) set up by the **ECFA Detector Panel (EDP)** at the request of the DRD Collaboration managements to provide a forum for communications and discussions of common issues among DRD Collaborations.
 - Two representatives per DRD collab.
 - EDP members; DRDC members only if cross-membership
- Meetings so far:
 - 11 March: introduction, DRD8 LoI
 - 29 April: focus on AIDA-successor
 - 18 July on MoU
 - 14 October on MoU

DRDC: reviewing body
EDP: advising/supporting body

Indico: <https://indico.cern.ch/category/12772/>