

Towards Implementation of DRD Calorimetry



- Entry point, "DRD Calo indico page": https://indico.cern.ch/event/1213733/
 - Information on important events and access to relevant documents
 - Note also the Q&A Doc
 - 227 people from four regions registered so far
- 1st Community Meeting 12/1/23
 - https://indico.cern.ch/event/1212696/
- Proposal phase until 1st of July 2023
 - Input-proposals until latest 1st of April 2023
 - 2nd Community Meeting 20th April at CERN
 - https://indico.cern.ch/event/1246381/
 - Summary of input-proposals (w/o disclosing confidential information)
 - Presentation/discussion of organisation of DRD Calorimetry (with focus on scientific aspects)
 - Guidance by existing R&D collaborations
 - Input-proposals will be condensed into a DRD on Calorimetry proposal until (around) 1st of June 2023
 - Further iteration with stakeholders, community and higher level bodies



DRD Calo - Proposal Team



Coordinators: Roberto Ferrari (INFN-Pavia) currently replaced by Gabriella Gaudio, R.P.

Representative from Coordination Team: Felix Sefkow

Track 1: Sandwich calorimeters with fully embedded Electronics – Main and forward calorimeters Track conveners: Adrian Irles (IFIC, adrian.irles@ific.uv.es), Frank Simon (KIT, frank.simon@kit.edu), Jim Brau (University of Oregon, jimbrau@uoregon.edu), Wataru Ootani (University of Tokyo, wataru@icepp.s.u-tokyo.ac.jp)

Track 2: Liquified Noble Gas Calorimeters

Track Conveners: Martin Aleksa (CERN, martin.aleksa@cern.ch), Nicolas Morange (IJCLab, nicolas.morange@ijclab.in2p3.fr), Marc-Andre Pleier (mpleier@bnl.gov)

Track 3: Optical calorimeters: Scintillating based sampling and homogenous calorimeters

Track Conveners: Etiennette Auffray (CERN, etiennette.auffray@cern.ch),
Gabriella Gaudio (INFN-Pavia, gabriella.gaudio@pv.infn.it),
Macro Lucchini (University and INFN Milano-Bicocca, marco.toliman.lucchini@cern.ch),
Philipp Roloff (CERN, philipp.roloff@cern.ch), Sarah Eno (University of Maryland, eno@umd.edu),
Hwidong Yoo (Yonsei University, hdyoo@cern.ch)

Track 4: Alternatives or transversal proposals.

Watched by entire proposal team

DRD Calo is about to be turned into a real worldwide effort



Status of DRD Calo – Some high-level information



Input proposals

• 23 received

Analysis of input-proposals has started



- Gabri and R.P. have read all input proposals
- 107 institutes (plus two consortia) out of which 12 French institutes (IN2P3, CEA-Irfu and UCA)
- 23 countries from 4 continents
- More details at 2nd Community Meetings, register!!!

• 2nd Community Meeting

- 79 registrants
- Agenda complete, Christophe will give the talk on elx./DAQ.