
Report from RECFA

— pp-div meeting 21411.2022 —

Kati Lassila-Perini (HIP)

RECFA this year

- Two meetings in connection with the ECFA meeting in July and November.
 - Implementation of [ECFA Detector R&D Roadmap](#) (next two slides)
 - Reports on European Lab Director Group (LDG) on implementation of ECFA Accelerator R&D Roadmap (see a [report](#) at the November ECFA meeting)
 - Discussion on related workshops ([JENAS Madrid](#), [ECFA e+e- workshop in Hamburg](#))
 - Interaction with Early Career Researchers
- Four country visits
 - Italy, Germany, Denmark, Israel
 - with a full day of presentations of the local community and a half-day wrap-up.
 - producing a report to the the relevant authorities (ministry) with praise for success and expressions of concern where needed.

- The aim is for the DRDs to be up and running as entities by **2024** and to be ready for having a ramp up of the proposed resources awarded for **Strategic R&D** through **2025** to a steady state by **2026**.
- The timescales are set by the necessity to prioritise HL-LHC deliverables, to take account of existing CERN RD collaborations not being expected to continue in their current form beyond **2023**, and to allow a timely completion or transfer of existing funded R&D into this new framework.
- The **formation of the new DRD collaborations** should clearly adopt a **community-driven approach**. We are therefore:
 - proceeding using existing ECFA Detector R&D Roadmap TFs due to their extensive contacts with the community;
 - are engaging existing CERN RDs, and other collaborations covering several DRDT topics, to help nucleate the process;
 - Inviting the different communities to sign up to the topics where they wish to be involved at <https://indico.cern.ch/event/957057/page/27294-implementation-of-the-ecfa-detector-rd-roadmap>.
- Research topics, budget, milestones, etc., to be **adapted as rolling grants for long-term R&D lines** with flexibility for adapting to the changing international landscape and new R&D opportunities (for example coming from “blue-sky” R&D funded through resources outside those awarded for DRDT-specific strategic R&D).
- The needs of the next European Strategy update and any subsequent revision of the Roadmap should not be forgotten.

Detector R&D Roadmap: From the [ECFA meeting](#) in November

24 March 2021 to 30 July 2023

Europe/Zurich timezone



Overview

Implementation of the
ECFA Detector R&D
RoadmapMandate for the
Preparation of the
Roadmap

The Roadmap Document

Panel members and Task
ForcesInput from future
facilities

Symposia

Registration to the
symposiaECFA Detector R&D
Roadmap Process

Implementation of the ECFA Detector R&D Roadmap

After the publication of the ECFA Detector R&D Roadmap, CERN Council requested ECFA to develop the plan for its Implementation.

The document approved by the SPC and CERN Council in September 2022 can be found at https://indico.cern.ch/event/1197445/contributions/5034860/attachments/2517863/4329123/spc-e-1190-c-e-3679-Implementation_Detector_Roadmap.pdf.

As proposed in the document, topic specific community meetings will now be held in the course of the coming months. To sign up for these and to register your interest in participating on the corresponding R&D Collaborations being developed please see the links below.

- TF1 Gaseous Detectors <https://indico.cern.ch/event/1214405/>
- TF2 Liquid Detectors <https://indico.cern.ch/event/1214404/>
- TF3 Solid State Detectors <https://indico.cern.ch/event/1214410/>
- TF4 Photon Detectors and PID <https://indico.cern.ch/event/1214407/>
- TF5 Quantum and Emerging Technologies <https://indico.cern.ch/event/1214411/>
- TF6 Calorimetry <https://indico.cern.ch/event/1213733/>
- TF7 Electronics and On-detector Processing <https://indico.cern.ch/event/1214423/>
- TF8 Integration <https://indico.cern.ch/event/1214428/>
- TF9 Training <https://indico.cern.ch/event/1214429/>

Detector R&D Roadmap: [Sign up](#) to the topic of your interest!

RECFA/ECFA representatives

- RECFA/ECFA meetings to endorse appointments come usually before the pp division meeting.
- Tuomas reappointed this year for the next 3 year term in ECFA
 - pp division board email meeting before the ECFA meeting last week
- Mikko's (ECFA) and Kati's (RECFA) terms go to the end of 2023
 - These are both 2nd 3-year terms, so new representative needed
 - Maybe a good time for raising awareness now!
- Early career representation (ECR) in R/ECFA, nominations by the early-career community:
 - Henning Kirschenmann, Petja Paakkinen (new), Laura Huhta (new)