

# Agendas for the coming TIC meetings

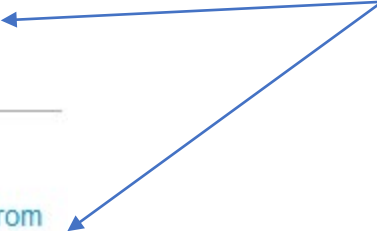
## March 2024

- 11 Mar TIC meeting - detector integration, an update NEW
- 04 Mar TIC meeting - planning for TDR effort (PID, far detectors); LFHCAL absorbers

## February 2024

- 26 Feb TIC meeting - Tracking update
- 19 Feb TIC meeting - planning for TDR effort (tracking, calorimetry, el/r-o/DAQ); report from the far detector review

Planning for TDR effort,  
now split in 2 sections



# Today

## TIC meeting - planning for TDR effort (tracking, calorimetry, el/r-o/DAQ); report from the far detector review

Monday 19 Feb 2024, 09:00 → 11:10 US/Eastern

Silvia Dalla Torre (INFN, Trieste)

**Description** Technical and Integration Council Meeting

Join Zoom Meeting

<https://cern.zoom.us/j/9374314394?pwd=YTFjZjFGcXptMG13cGFQYWVhZz09>

Recording:

09:00 → 09:05 **Communications**

Speaker: Silvia Dalla Torre (INFN, Trieste)

09:10 → 09:30 **Planning for TDR effort - Tracking**

Speaker: Ernst Sichtermann (Lawrence Berkeley National Laboratory)

09:35 → 09:55 **Planning for TDR effort - electronics/r-o/DAQ**

Speakers: Fernando Barbosa (JLab), Jeff Landgraf (Brookhaven National Laboratory), Jin Huang (Brookhaven National Lab)

10:00 → 10:20 **Planning for TDR effort - Calorimetry**

Speaker: oleg tsai (ucla)

10:25 → 10:45 **report: news from the far detector review**


Speaker: Yulia Furlitova (Jefferson Lab)

Planning for TDR effort

Learning about the review and its outcome will help us in better understanding what is needed to support and consolidate the far detectors

# Planning for the TDR effort

First session about planning for TDR effort, **some considerations are needed**

- TDR plan for subsystems **for calendar year 2024**
    - **Note:** we still do not have confirmation of the project timeline modifications
  - **What is requested for in the planning:**
    - The lab/testbeam/prototyping needed (namely **hardware effort** still needed in view of the TDR);
    - The further progress needed for the **reconstruction software**;
    - The verification of the implementation of the detector and **detector response** in simulation and **validation** using information from lab/testbeam exercises or from literature;
    - The **studies** required to **demonstrate the detector performance**;
    - The required **engineering design**;
    - The **needed resources** to achieve 60% (CD-2) and 90% (CD-3) design completion;
      - Note: relevance of a fully open and honest answer; only knowing what is missing we can attempt a global planning and try to help
    - The plan should include the time required to **draft the text** for the pre-TDR (CD-2) and TDR (CD-3).
      - The ultimate goal of this exercise should be 90% design completion consistent with the requirements of the TDR and CD-3
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# Planning for the TDR effort

## some considerations, cont.

- **Additional comments** (already in the invitation e-mail):
  - Request that the plan presents the activities **month by month** in order to allow for **progress monitoring**.
  - We recognize that the available **time is limited**. Therefore, please **make an educated selection** of the most essential studies doable within the available time.
  - We understand that a planning exercise like this will **identify shortcoming in workforce and resources**. Those shortcomings should be clearly identified so everyone is aware and **we can work together to address them**.
- **A further comment:**
  - Why to call for these reports and for common discussion ?
  - One of the ingredients for **ePIC success is in a collaborative attitude**. A way to progress in this direction is by common discussions with the goals of **spreading information** and **promoting cooperation**.
- **Summarizing:**
  - Planning for TDR effort is not adding load on subsystem shoulders, is **the first phase of building together the ePIC detector**, which is reflected in the TDR and the related publications.