

TIC meeting

August 26

TDR in overleaf, frame for subsystem sections

8.3.5.2 The barrel electromagnetic calorimeter

Requirements

Requirements from physics: Add text here.

Requirements from Radiation Hardness: Add text here.

Requirements from Data Rates: Add text here.

Justification

Device concept and technological choice: Add text here.

Subsystem description:

General device description: Add text here.

Sensors: Add text here.

FEE: Add text here.

Other components: Add text here.

Performance

Implementation

Services: Add text here.

Subsystem mechanics and integration: Add text here.

Calibration, alignment and monitoring: Add text here.

Status and remaining design effort:

R&D effort: Add text here.

E&D status and outlook: Add text here.

Other activity needed for the design completion: Add text here.

Status of maturity of the subsystem: Add text here.

Environmental, Safety and Health (ES&H) aspects and Quality Assessment (QA planning): Add text here.

Construction and assembly planning: Add text here.

Collaborators and their role, resources and workforce: Add text here.

Risks and mitigation strategy: Add text here.

Additional Material Add text here.

THIS WAS MISSING !

A request from the “Gaseous Trackers” DSC

- ❖ What timing requirement? **10 - 20 ns or worse?**
 - ❖ Need clarification here from simulation → detector design choices depend on that



A common google document to note the communications

Please, DSC colleagues, anticipate your communications here (very informal format!) :

https://docs.google.com/document/d/1TI1D3ie_TK1q0e2Fs7MpqmQf1t8BDGBoBVIP0yHMxeM/edit

DSC Updates on Aug 26, 2024

- A
- B

DSC Updates on Sep 2, 2024

- A
- B

DSC Updates on Sep 9, 2024

- A
- B

DSC Updates on Sep 16, 2024

↑

TIC meeting - CMS Detector DB and tools; pFRICh prototype



Monday 26 Aug 2024, 09:00 → 11:00 US/Eastern

Silvia Dalla Torre (INFN, Trieste)

Description Technical and Integration Council Meeting

Join Zoom Meeting

<https://cern.zoom.us/j/9374314394?pwd=YTFjZjFGcXptMG13cGFQYWFWQOWdrZz09>

Recording:

09:00 → 09:05 **Communications**

5m



Speaker: Silvia Dalla Torre (INFN, Trieste)

09:15 → 09:40 **Exploring CMS Detector Database and Tools**

25m



Speaker: Prof. Jeremiah Mans (University of Minnesota)

09:45 → 10:05 **DSC communications**

20m



Speakers: Alexander Jentsch (Brookhaven National Laboratory), Alexander Kiselev (BNL), Brian Page (Brookhaven National Laboratory), Carlos Munoz Camacho (IJCLab, CNRS/IN2P3), Ernst Sichtermann (Lawrence Berkeley National Laboratory), Friederike Bock (ORNL), Grzegorz Kalicy (CUA), Hwidong Yoo (Yonsei University), Jaroslav Adam, Kondo Gnanvo (Jefferson Lab), Krzysztof Piotrkowski (AGH UST), Laura Gonella (University of Birmingham), Dr Leszek Kosarzewski (Ohio State University), Marco Contalbrigo (INFN Ferrara), Maria Zurek (Argonne National Laboratory), Megan Connors (Georgia State University), Miguel Arratia (University of California, Riverside), Nicholas Zachariou (University of York), Oleg Tsai, Satoshi Yano (Hiroshima University), Dr Simon Gardner (University of Glasgow), Stefan Bathe (Baruch College, CUNY, & RBRC), Sylvester Joosten (Argonne National Laboratory), Tanja Horn (Cath), Zhangbu Xu (Kent State University)

10:10 → 10:30 **pFRICh prototype**

20m



Speaker: Brian Page (Brookhaven National Laboratory)