

COMMUNICATIONS

TC-Office

TIC meeting, April 27th 2026

BACKGROUND CHALLENGES, NEXT ROUND

GOALS (reminder): Answering to 3 families of questions:

- a) Impact on detector performance;
- b) Impact on data flow, requested bandwidth and potential dead-time;
- c) radiation/fluence damages.

Using data from
simulation campaigns

Using radiation maps
with DIS + background

First Pass: 03/30 – 04/11

- Different assessment level
- Planning indicated by most of the DSCs
- Goal: completion within a few weeks

Second Pass: 05/18 – 05/25


- Report about progress according to planning
- Impact on data flow, requested bandwidth and potential dead-time
EXPECTED FROM ALL DSCs, PID included


TIC AGENDAS

- **5/4 CANCELLED - DIS !!!**
- **5/11**
 - **Mechanics and integration, update / FCDC: 128→32 channels (recommendation)**
 -
- **5/18**
 - **Background challenges, continuation - first part**
- **5/25**
 - **Background challenges, continuation - second part**

TIC TODAY

TIC meeting - MPGD, AC-LGAD test beam preparation

 Monday 27 Apr 2026, 09:00 → 11:35 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: <https://youtu.be/kxnoXAfSrKw>

09:00 → 09:05 **Communications**  5m 




Speakers: Matt Posik (Temple University), Oskar Hartbrich (Oak Ridge National Lab), Prakhar Garg (Yale University), Silvia Dalla Torre (INFN, Trieste)

09:10 → 09:25 **DSC communications**  15m 

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)

09:25 → 09:45 **AC-LGAD beam test preparation**  20m 

Speaker: Alexander Jentsch (Brookhaven National Laboratory)

09:45 → 10:05 **MPGD beam test preparation**   20m 

Speakers: Prof. Annalisa D'Angelo (University of Rome Tor Vergata & INFN Roma Tor Vergata), Fabien Jeanneau (Ifu - Université Paris-Saclay), Francesco Bossu (CEA-Saclay), Kondo Gnanvo (Jefferson Lab)