

# TIC meeting

April 13<sup>th</sup> 2026

# DSC Background challenges

- Process initiated with a kick-off at the February 23<sup>rd</sup> TIC meeting
- First report by DSCs + EI/R-O/DAQ CC WG ~ 1 moth later, split in 2 meetings
  - March 30<sup>th</sup> , summary now in the Indico Agenda
  - April 13<sup>th</sup> , today
- NEXT steps:
  - Advanced reports ~ 1 moth later (beginning of May)
    - These second set of reports is expected to match the planned actions also reported in the summaries
  - Assuming well advanced status by the end of Spring, the preTDR DSC subsections will be updated to include the outcome of the DSC background studies

# DSCs in NIM special issue: "The ePIC Detector and Science Program at the Electron Ion Collider"

- Collecting information from the DSCs + EI/R-O/DAQ CC WG
- Deadline on April 10<sup>th</sup>
  - 10 inputs received (thank you), 6 still missing
  - Interesting approaches from various DSCs
  - Also several questions have been posed
- On April 20<sup>th</sup>, input presentation at the TIC meeting followed by an appropriate discussion intended to be a guide to readily proceed to the writing phase

# Today agenda

## TIC meeting - Background challenges, feedback - second session ✎

📅 Monday 13 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=YTFjZjFGcXptMG13cGFQYWw0OWdrZz09>

Recording:

09:00 → 09:05	<b>Communications</b>	🕒 5m <span>✎</span>
Speakers: Matt Posik (Temple University), Oskar Hartbrich (Oak Ridge National Lab), Prakhar Garg (Yale University), Silvia Dalla Torre (INFN, Trieste)		
09:10 → 09:25	<b>DSC communications</b>	🕒 15m <span>✎</span>
Speakers: Alexander Jentsch (Brookhaven National Laboratory), Alexander Kiselev (BNL), Brian Page (Brookhaven National Laboratory), Carlos Munoz Camacho (JCLab, 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)		
09:30 → 09:40	<b>EEEMCAL background challenges</b>	🕒 10m <span>✎</span>
Speakers: Carlos Munoz Camacho (JCLab, CNRS/IN2P3), Matthew Nguyen		
09:45 → 09:55	<b>BIC background challenges</b>	🕒 10m <span>✎</span>
Speaker: Sylvester Joosten (Argonne National Laboratory)		
10:00 → 10:10	<b>FEMCAL background challenges</b>	🕒 10m <span>✎</span>
Speaker: Oleg Tsai		
10:15 → 10:25	<b>nHCAL background challenges</b>	🕒 10m <span>✎</span>
Speaker: Prof. Daniel Brandenburg (Ohio State University)		
10:30 → 10:40	<b>barrel HCAL background challenges</b>	🕒 10m <span>✎</span>
Speaker: Stefan Bathe (Baruch College, CUNY, & RBRC)		
10:45 → 10:55	<b>LFHCAL background challenges</b>	🕒 10m <span>✎</span>
Speaker: Friederike Bock (ORNL)		