

TIC meeting:

Background challenge studies

October 5th, 2026

Background studies by DSCs - Priorities

- **Priority one:**
 - **Studies about Data Rates and Occupancy**
 - **Populating Jeff's shared table:**
<https://brookhavenlab.sharepoint.com/:x:/s/ElCPublicSharingDocs/IQB-kLhwyLvUspFzxCNyxGDOAZRAjAheMUOrAjAzU52MJ1s?e=Hhc0ig>
- **After completion of priority one: Subsystem Performance including background**

Current update (September 28th, October 5th)

- **FF** – report on Sep. 28th
- **pfRICH** - report on Sep. 28th
- **BIC** - report on Oct. 5th
- **nHCAL** - report on Oct. 5th
- **LFHCAL** - report on Oct. 5th
- **hpDIRC** - report on Oct. 5th
- **EI/R-O/DAQ WG** → report on Oct. 5th
- **SVT** → report on Oct. 5th
- **MPGDs** → report on Oct. 5th
- **dRICH** - report on Oct. 5th

- **FEMCAL** – no issue already reported, no need of a further update
- **Barrel HCAL** - no issue already reported, no need of a further update

- **Luminosity system** – request to postpone
- **TOF** - request to postpone
- **EEEMCAL** - request to postpone, data for progress not made available in due time

- **Low Q² taggers** – conversation engaged

Reminder – about NIM-A special issue papers by DSCs

- **Progress in paper writing will be monitored by collecting shortform information about the progress of the individual papers**
- **First update requested by October 15 (for the October 19th TIC meeting)**
 - **1 slide per paper with:**
 - **Paper Title**
 - **Paper structure, f.i. by a Table of Content**
 - **Writing board**
 - **PoC for the paper**
 - **Other information that the writing teams would like to add at this point; examples**
 - **Missing information**