

MPGD-DSC – General Monthly Meeting

Kondo Gnanvo – Jan. 15, 2026

Request from Prakhar (TIC deputy leader) → Address the questions below at the Integration session of the coll. Meeting

<https://indico.bnl.gov/event/30532/sessions/8774/#20260121>

1. Gas mixing system, who will design and build it? Or the design exist?
2. How many channels for mixing unit and are there environmental concerns?
3. Recirculation system/exhaust schemes?
4. How many different gases you would need, flow rate, purity etc.
5. Or any other specific needs MPGDs have during operation which requires pre-planning.
6. Do you care Cu or SS tubing/ what gas filters?
7. Do you need gas controls as a part of slow control systems?
8. Do you need N2 purging while not in operation etc.

Request from Vallary:

Can you also discuss the progress on the Inspection and Test Plans? We need to show the status of ITPs in review.

Example and template to be found in the link below

<https://eic.jlab.org/Detector/>

Email from Karl Floethner – DRD1 Test beam campaign coordinator

At the moment, we have been assigned 2 periods by the SPS coordinators, which **still have to be confirmed**:

- First period is **6-20May** with a low chance of getting two extra days in the beginning, meaning 4-20May.
- Second period is **15.07.-03.08.** in the current schedule, but also needs to be confirmed

We need feedback from you by 01.02.2026 to proceed with the planning!

Therefore, please **reply to this email** in case you want to express your interest in joining one or both periods by **providing the following information**:

- **Institute**
- **Contact**
- **Period**
- **Program**
- **Gas (optimally with expected flow in l/h)**

Also, we ask everyone who already expressed interest to review the information and add the required gas (by replying to this email, please):

<https://docs.google.com/spreadsheets/d/1tK-2f5PR107S04Y7bvk0dvNltxuIDaIAhlwI6nxUEj4/edit?usp=sharing>