

# MPGD-DSC General Meeting

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# MPGD-DSC / Introduction

## “Official” kick off of the MPGD-DCCs

- eRD108 as a consortium is now be “defunct” and will be split in to two entities
  1. MPGD-DSC: the ePIC MPGD DSC (Detector Subsystem collaboration)
  2. MPGD R&D consortium (plays similar roles as past eRD6 and eRD108)
- **MPGD DSC in two words:**
  1. Exclusively dedicated to ePIC MPGD trackers i.e. Cyl. MM inner barrel, barrel  $\mu$ RWELL outer tracker and end cap discs
  2. Technical / technological issues of MPGDs including readout electronics, integration, simulation (if manpower available)
  3. DSL (DSC leader): **Kondo Gnanvo, JLab** – DSTC (DSC technical coordinator): **Maxence Vandenbroucke, CEA Saclay**
- **MPGD R&D consortium:**
  1. plays similar roles as past eRD6 and eRD108
  2. Forum of all discussions on MPGD technologies, R&D efforts etc ...
    - natural home for EIC Generic R&D but will cover
  3. Sourav Tarafdar volunteers to take over my past role as eRD6/108 MC and be in charge of organizing bi-weekly meetings
  4. Start with a new mailing list different from the eRD108 mailing list that would be reserved for the MPGD-DSC

# Organization of MPGD-DSC

- We will have bi-weekly meeting on Thursday at 9:00 am (→ previous eRD108 slot)
- MPGD-DSC meetings is split in 4 “themes” meetings
  - 1. 1<sup>st</sup> Thursday of the month:** MPGD-DSC **General** meetings
    - Dedicated to common topics to Micromegas and  $\mu$ RWELL trackers (integration, readout electronics, gas system..)
    - **Kondo** is leading this effort
  - 2. 3<sup>rd</sup> Thursday of the month:** MPGD-DSC  **$\mu$ RWELL** meetings
    - Dedicated to topics specific to  $\mu$ RWELL trackers (design, fabrication, testing ....)
    - **Kondo** is leading this effort
  - 3. 2<sup>nd</sup> Thursday of the month:** MPGD-DSC **simulation** meetings
    - Topics specific to simulation of MPGD trackers in the ePIC simulation framework (design, fabrication, testing ....)
    - **Matt Posik** is leading this effort
  - 4. Wednesday:** MPGD-DSC **CyMBaL** meetings (not sure the frequency)
    - Dedicated to topics specific to Micromegas Inner Layer (design, fabrication, testing ....)
    - **Francesco / Maxence** will be leading this effort →

# Organization of MPGD-DSC

Meeting details are shown below

Wiki : <https://wiki.bnl.gov/eic/index.php/Eic-rd-meeting>

Indico: <https://indico.bnl.gov/category/497/>

Zoom: <https://virginia.zoom.us/j/91920338307?pwd=TEF3VDhlVUN0UnBIY0xkeWxqMXprQT09>

Mailing list: <https://mailman.jlab.org/mailman/listinfo/erd108>