

## Charge from GD/I WG (June11):

We would like to invite you to report at our June 27th GD/I WG meeting (<https://indico.bnl.gov/event/16210>) and we request from you some specific points of information:

- Details on the work done to provide the necessary input for your decision making process. This includes both collection of existing information and any new studies your WG initiated to establish the expected system performance.
- The full pro/con list that was used to inform your recommendations. This should include any and all considerations that helped the WG form your recommendations.
- A presentation of your recommendations and reasoning for them based on the information presented in the points above.
- Your view of how these recommendations fit with the global detector. e.g. did you ensure the system fits within the geometrical constraints. Have you considered how service routing might work? What is the assumption of performance and material distribution of other subsystems that were relevant for your study? Do you see any potential challenges integrating your recommended solution within the global detector?

Further, we would like to see simulations that validate the performance of the proposed configuration.

We believe that this discussion will be valuable to us all in understanding the path forward. Please aim at a presentation of about 30 min in length, and we will follow with a discussion.