

# Charge to the Validation Review

The goal of the validation review is to determine:

- What changes may be useful in the DQG validation of physics quantities on small datasets (100 pb<sup>-1</sup>)
- What physics quantities would be most useful in the DQG validation of the simulation, with emphasis on what can be done with limited MC samples.
- What additional physics quantities would be useful in the validation of data, reconstruction, and simulation on larger datasets (10 fb<sup>-1</sup>)
- Estimate, using run4 data the impact on physics of the trickle injection and of higher backgrounds
  - Readiness for an increase in trickle injection rate
  - Translate machine/detector backgrounds into impact on physics

The output of the review activity is expected to be:

- a BAD with recommendations to the DQG
- a released executable that can be used to perform the large-sample validations
- a document summarizing the trickle injection/background studies