

# Reporting Detector Requirements

- The official detector parameter set for the EIC YR effort is documented in the ‘Detector Matrix’: <https://physdiv.jlab.org/DetectorMatrix/>
- The plan is to freeze the matrix on **August 31<sup>st</sup>** in order to give the DWG time to integrate requirements and run simulations
- In order to pass on requirements for inclusion in the matrix please:
  1. Discuss the studies justifying the requirement with the wider JHQ WG
  2. Document your studies in some form which can be linked from the wiki page and send it to the JHQ conveners (optionally, write a small blurb and a money plot which can be added directly to the wiki)
- Once we have your documented study, we will upload it to the wiki ([https://wiki.bnl.gov/eicug/index.php/Yellow\\_Report\\_Physics\\_Jets-HF](https://wiki.bnl.gov/eicug/index.php/Yellow_Report_Physics_Jets-HF)) and communicate the results to the PWG and DWG conveners
- Do not worry if you will not be ready to pass along requirements by August 31<sup>st</sup>, your work will still be documented in the YR and will contribute to future design efforts
- P.S. If you have not already done so, please send the JHQ conveners particle level kinematic plots