

# BNL-PO @ EIC kickoff meeting

- **Huge efforts from BNL PO toward DPAP process**
  - BNL staff made major contributions to the two primary “detector 1” proposals, ATHENA & ECCE
  - Science program, detector design, computing, simulations, software, etc
- **We have embarked on process to transform reference design (based on ECCE) to “Detector 1”**
  - combining the best ideas from both experiments
  - ongoing, and constant, meetings on all subsystems, as well as a “global design/integration” process (earlier today) to converge on the final design
- **There was an NPP strategy process for the EIC produced two years ago**
  - General agreement that BNL should be contributing on subsystems that reflect core strengths of the groups
    - *forward instrumentation/calorimetry*
    - *fast timing silicon (e.g. AC-LGAD) for far-forward/backward tracking systems*
- **Urgent need to develop a plan for PO (including computing/software) to best support EIC, and to create opportunities for EIC-related funding from project**
- **At this stage, the meeting includes only groups in Physics, since the drivers will be physics based on not just technology based, and should couple to future research strategies in the department**
  - So we are not including here direct discussions with EIC project or ATRO/IO