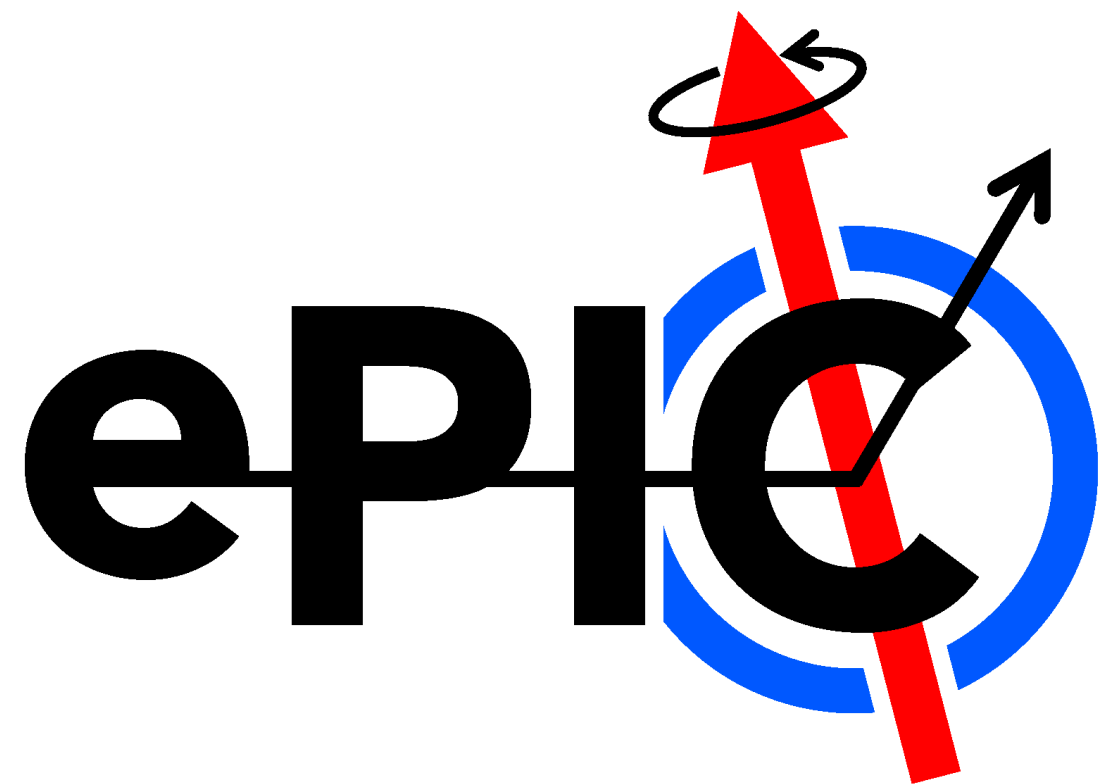


# Inclusive physics status

Claire Gwenlan, Tyler Kutz

ePIC PWG meeting

June 2, 2023



# Inclusive benchmarks

## Detector performance

- Resolutions (electron, hadronic final state, kinematic variables)
- Electron purity and efficiency

## Physics

- Reduced NC cross sections
- Double-spin asymmetry  $A_1^p$

# Relevant tasks

- Electron identification!
  - Diagnostic plot framework (resolutions, electron ID)
  - Kinematic reconstruction
  - Particle flow
- 
- Pretty much *all* of this requires having working reconstruction
    - Actively contribute to EICrecon (not strictly “inclusive”)

# Administration

Meeting time: Mondays (biweekly) at 12pm EDT

Next meeting on Monday June 5, 2023

Mailing list: [eic-projdet-Inclusive-I@lists.bnl.gov](mailto:eic-projdet-Inclusive-I@lists.bnl.gov)

(subscribe <https://lists.bnl.gov/mailman/listinfo/eic-projdet-inclusive-I>)

Mattermost: <https://eic.cloud.mattermost.com/main/channels/inclusive-physics>