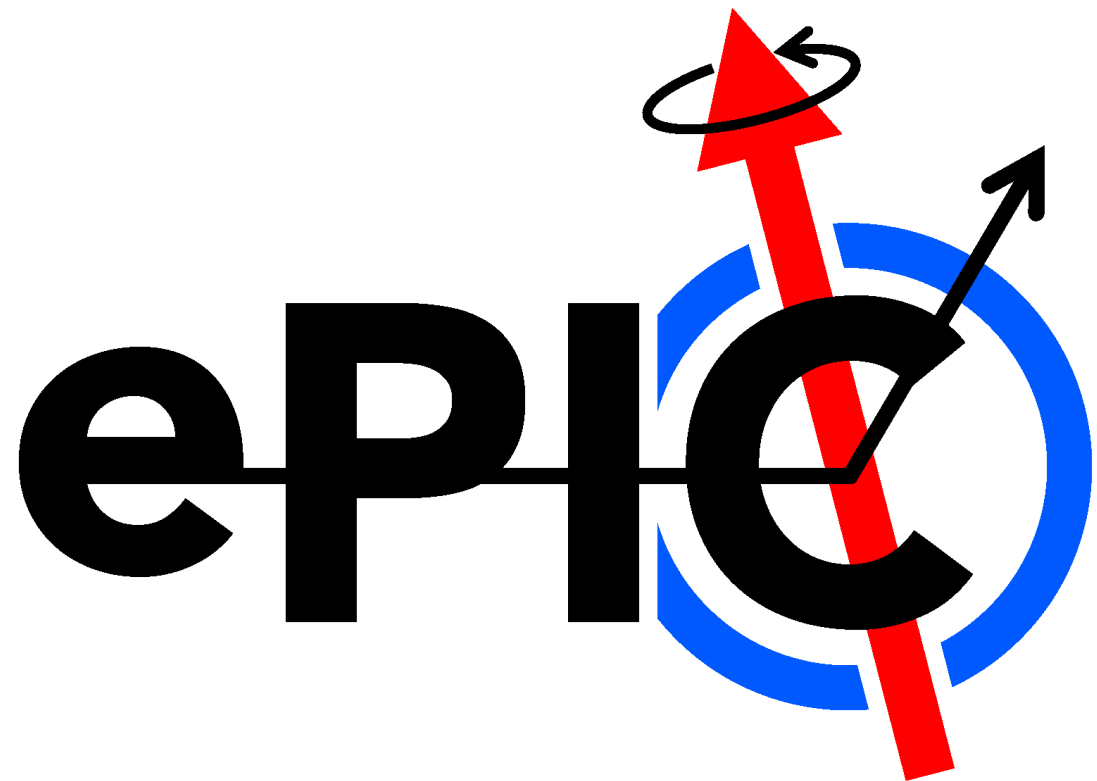


Inclusive physics status

Tyler Kutz, Claire Gwenlan

ePIC PWG meeting

April 28, 2023



Inclusive benchmarks

Detector performance

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

Physics

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

Inclusive 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 at 12pm EDT

Next meeting on Monday May 8, 2023

Mailing list: 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>