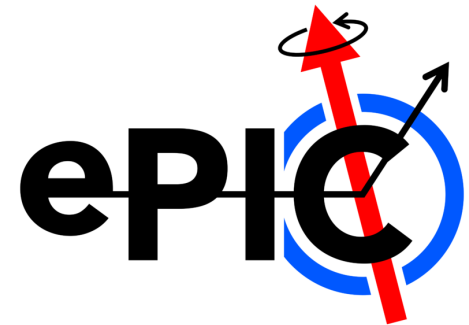# Analysis Coordination Meeting
June 2nd 2023

Rosi Reed – Lehigh University

Salvatore Fazio – Unical

SCC-AC Meeting – May 17th

- Indico at: https://indico.bnl.gov/event/19473/
- Live notes at:
  https://docs.google.com/document/d/1y2zb3x7rUp9jO63uE5PBMpfs-1dAGWyn-77UbUQ0VP8/edit#heading=h.xtwhflkr3s2x
- Identified 4 priorities:
  - **Electron Finder**: Developing an efficient and accurate algorithm for identifying electrons and identifying the scattered electron of the DIS process
  - **Vertexing and PID**: Enhancing the vertexing capabilities and particle identification techniques to study heavy flavor physics
  - **Particle Flow**: Improving the jet reconstruction using particle flow information
  - **Low-Q^2**: Integration of the low-Q^2 tagger into the reconstruction framework for precise measurements of photo production and vector mesons

SCC-AC Meeting – May 17th

- Point of Contacts for each task:
- **Electron Finder**: Daniel Brandenburg (brandenburg.89@osu.edu)
- **Vertexing and PID**: Shujie Li (shujieli@lbl.gov)
- **Particle Flow**: Derek Anderson (dmawxc@iastate.edu)
- **Low-Q^2**: Simon Gardner (simon.gardner@glasgow.ac.uk)
- Contact the POC to get involved in activities ASAP!

PWG Meetings

- All PWGs should have biweekly meetings
  - Please use the mailing lists to announce meetings and look for contributions!
  - Populate Indico in advance with meeting coordinates
    - https://indico.bnl.gov/category/402/calendar
    - All conveners should have access

EPIC

June 2023

Benchmarks

- Inclusive
  - Resolutions (electron, hadronic final state, kinematic variables)
  - Electron purity and efficiency
  - Reduced NC cross sections
  - Double-spin asymmetry A^p_1
- SIDIS
- Jets/HF
- Exclusive + Diffraction + Tagging
- BSM + precision EW
- Benchmark analysis will be run with monthly production
  - Requires personpower as well!

Meeting Times

- Inclusive
  - Mondays (biweekly) at 12pm EDT
  - Next meeting on Monday June 5, 2023
- SIDIS
- Jets/HF
- Exclusive + Diffraction + Tagging
- BSM + precision EW