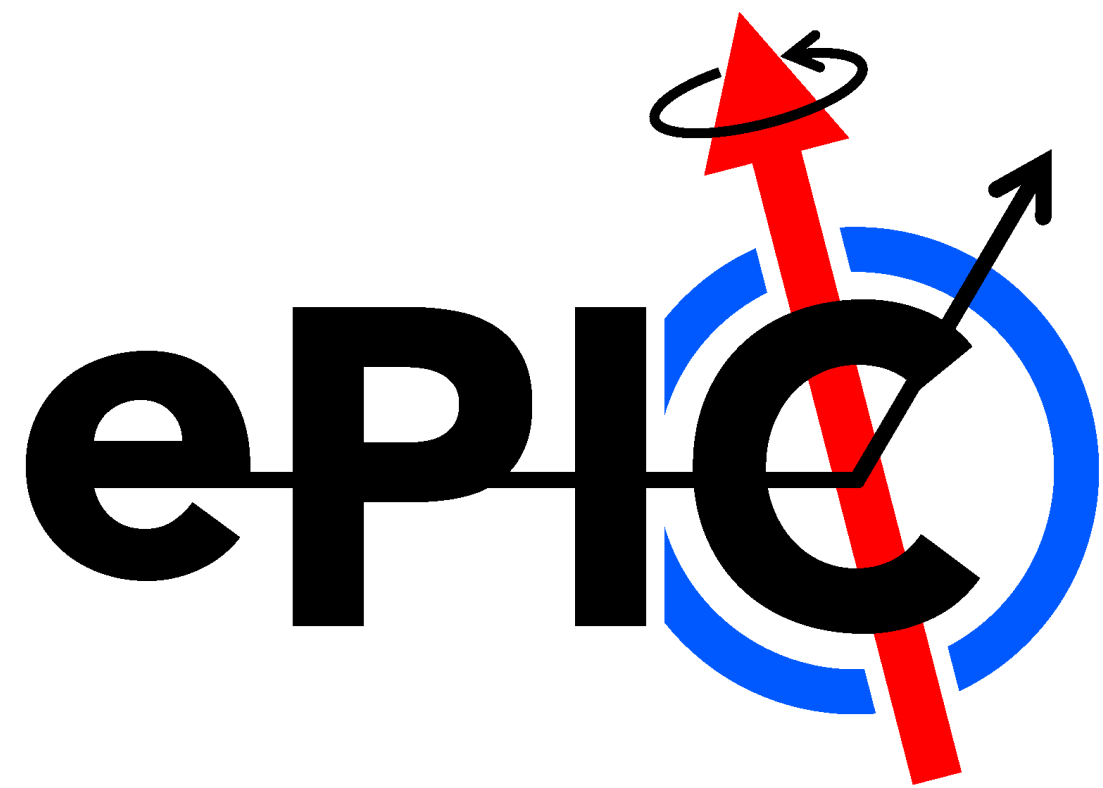


EICrecon and electron ID

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Inclusive working group meeting

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Elements required from EICrecon for electron ID

- Reconstructed tracks
 - Exists (but truth info used for seeding?)
- Reconstructed clusters
 - Exists (being improved/optimized)
- Track + cluster matching
 - Does not exist
 - Efforts by Barak, Nicolas, Tyler
- Track/cluster + MC matching
 - Does not exist?
- PID
 - Does not exist?

Developing electron ID

- Initial development outside of EICrecon?
 - More flexible, less overhead, better for optimization
 - Faster/easier to get non-experts working productively
- Ultimately integrate into more comprehensive reconstruction algorithm (i.e. particle flow), but start with stand-alone electron finder?
- Should develop set of benchmarks/plots for evaluating and demonstrating performance

Getting started with EICrecon

- GitHub repository: <https://github.com/eic/eicrecon>
- Documentation: <https://eic.github.io/EICrecon>
- Tutorials: <https://indico.bnl.gov/category/443/>