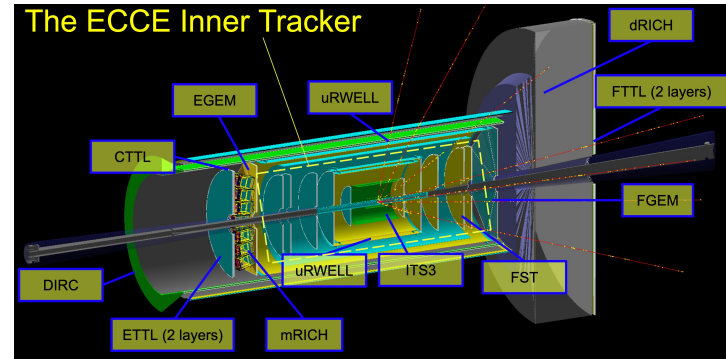


EIC Project Involvement

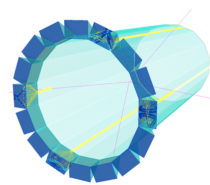
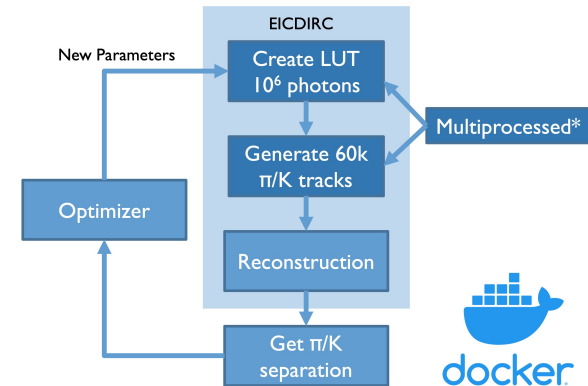
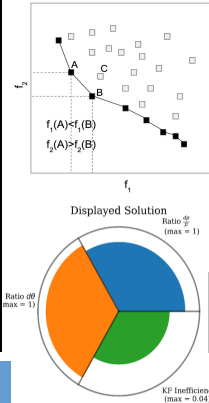
- At CNU we are involved in EIC primarily within the ECCE proto-collaboration - **Will Phelps** (CNU/Jlab) - convener of the AI Working Group under the Computing Team. During the proposal phase we are working with other working groups (physics and detector) to assist in detector design optimization
 - [Link to AI4EIC Workshop ECCE AI Working Group talk](#)
- In the future this scope will be expanded to include other AI applications as well (Reconstruction & Analysis: tracking, PID, etc.)
- Hackathons and Outreach through AI4EIC
 - AI4EIC Site with Hackathon Information – <https://eic.ai>
- CNU is part of the collaboration that has been investigating streaming readout applications and development for EIC - organized Streaming Readout II at CNU (January 2018)

ECCEAI Working Group

- Tracking (Brunel/MIT/Regina)
- DIRC (CNU/MIT)
- Zero Degree Calorimeter (JLab/Duquesne)
- Calorimetry (MIT/Regina)
- PID/Clustering (MIT/Regina)



Tracker MO-Optimization – C. Fanelli (MIT) and K. Suresh (Regina)



Optimization framework (in progress) – W. Phelps and A. Quiroga (CNU)