Production Preparation

June 16

Upcoming production

- **P**
- **Production naming theme**
- **Directory:**
  - **JLab: /work/eic2**
  - **BNL:**
  - **S3:**
- **Job Location**
  - **Fun4all**:
    - BNL: Inclusive, Jets and others
    - JLab: Exclusive, Diffractive and Tagging
  - **DD4HEP:** HTCondor
- **Storing Generated files**
  - **Common location for all.**
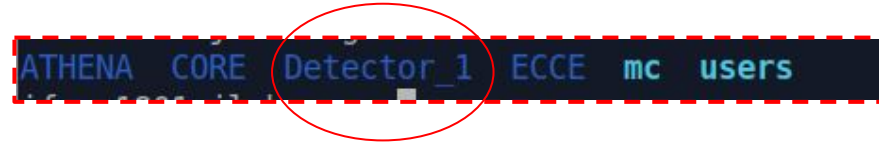
Look strange

Job Submission Tool Kits

https://github.com/ECCE-EIC/productions

BNL   **JLab**   **MIT**

Configuration option file →	configurations.py	Updated to prop.7.0 (#47)	4 months ago
	configurations.pyc	Bills branch (#25)	8 months ago
	setup.sh	Streamline installation and submission and documentation. (#18)	10 months ago
Master script →	setupProduction.py	Updated to prop.7.0 (#47)	4 months ago
JLab setup script →	setup_eic_JLAB.csh	Bills branch (#25)	8 months ago
	submit_diff_tagg.sh	Bills branch (#25)	8 months ago

Job Submission to-do list with Fun4all

- **Fresh copy of simulation tool kit**

- **Create production Branches**
  - **Different scattering parameterization.**
  - **Turning on and off the beam after-burner.**

- **Create Configuration files**

- **Create file list (with input location)**

- **submit Test jobs [Done by 20, June]**

DD4Hep

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- **Implement babar magnet file map**

    I will work with Sylvester and Wouter
    on the configuration steps.

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- **Test job**

Details

- **Documentation:**
  - **Spreadsheet during the production**
  - **Wiki to report final location**

- **Do we need to produce material map?**

- **Is analyzing DST tree part of the production? (Fun4all specific)**

- **Validation and feedback mechanism?**
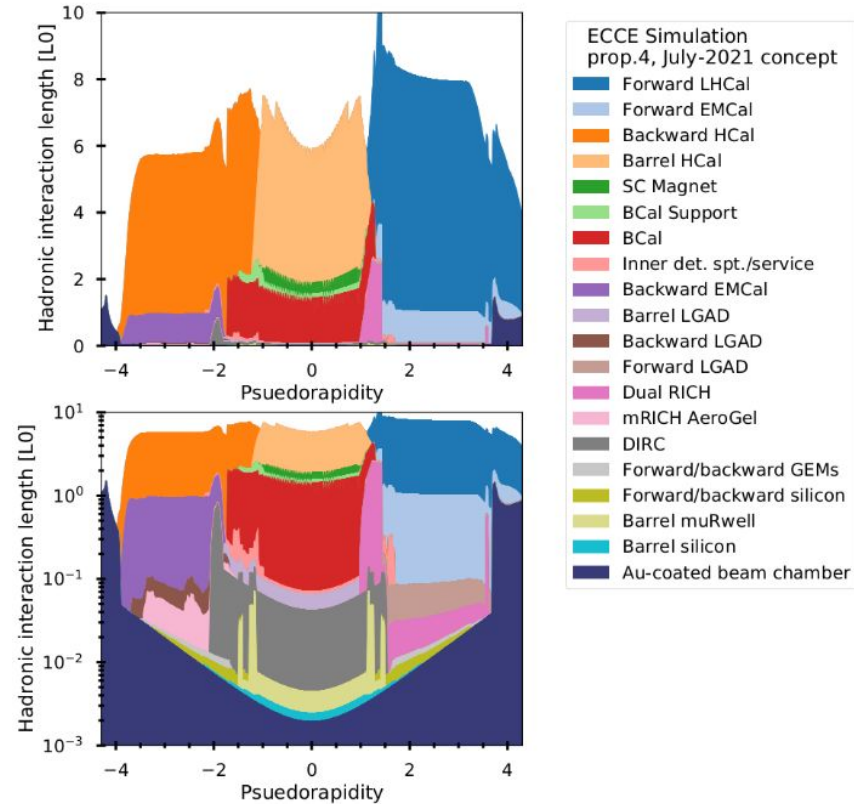
Question to Cherenkov PID Group

- **Would the 35cm shift for dRICH be implemented before or after the 1st simulation launch?**

- **That is the plan to validate the new detector location?**