

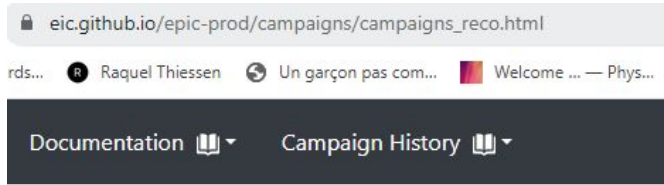
# General Updates for November 2023 Campaign

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29 November 2023

# Campaigns

## [epicprod website](#)



- [22.10.0/](#)
- [22.11.0/](#)
- [22.11.2/](#)
- [22.11.3/](#)
- [22.12.0/](#)
- [23.01.0/](#)
- [23.03.0/](#)
- [23.05.1/](#)
- [23.05.2/](#)
- [23.06.0/](#)
- [23.06.1/](#)
- [23.07.1/](#)
- [23.07.2/](#)
- [23.08.0/](#)
- [23.09.0/](#)
- [23.09.1/](#)
- [23.10.0/](#)
- [23.11.0/](#)

Most recent  
(November Campaign)

The simulation trains in each campaign are tagged with year.month.patch (YY.MM.pp) convention.

The changes in [ePIC geometry](#) and [ElCrecon](#) from campaign to campaign are tracked in the release notes.

A set of default datasets are run during every train and special requests are addressed through charters/taxis.

# Accessing 23.11.0 Output Files

Instructions for file access are provided on our [FAQ](#) page. Assumes knowledge of running eic-shell container. New users should look at the [ePIC Collaboration Landing Page](#) for tutorials. List of datasets already completed can be found [here](#).

## Listing Files

```
xrdfs root://dtn-eic.jlab.org
      Server address
```

```
ls /work/eic2/EPIC/RECO/23.11.0/epic_craterlake/DIS/NC/18x275/minQ2=1000
```

Base Address	Detector Geometry Config	Physics Process	Beam Properties
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RECO: Reconstructed Output  
FULL: Geant4 Output  
EVGEN: Input hepmc3.tree.root  
and singles steering files

## Opening Files Over Xrootd

```
auto f =  
TFile::Open("root://dtn-eic.jlab.org/work/eic2/EPIC/RECO/23.11.0/epic_craterlake/DIS/NC/18x275/minQ2=1000  
/pythia8NCDIS_18x275_minQ2=1000_beamEffects_xAngle=-0.025_hiDiv_1.0000.eicrecon.tree.edm4eic.root")
```

# Datasets

Datasets for every train are preferred in hepmc3.tree.root format.

Singles have steering files.

[CSV files](#) contains the location of the input datasets and steering files on xrootd.

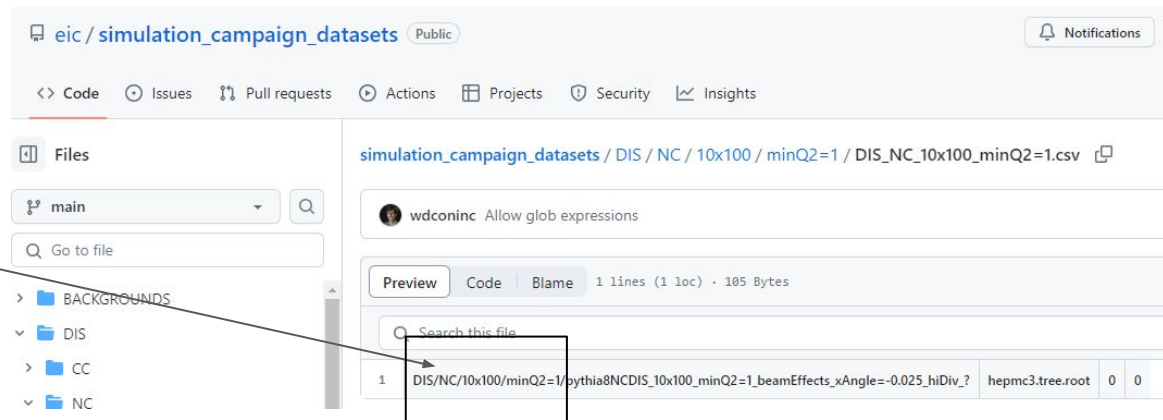
## Listing files

```
xrdfs root:dtm-eic.jlab.org  
ls /work/eic2/EPIC/EVGEN/
```

## Copying files

```
xrdcp <file> <local_dir>
```

DIS NC and DIS CC - Pythia 8 datasets (18x275, 5x41, 10x100)	SIDIS Pythia 6 dataset - just q2=0 for 18x275 and 5x41	EXCLUSIVE-pi0 DVMP
EXCLUSIVE- DEMP, DVCS, TCS, UCHANNEL_RHO, UCHANNEL_PI0	DIFFRACTIVE PHI	RHO
SINGLES- etaScan for gamma, e- and mu-	SINGLES- e-, e+, pi-, pi0, pi+, kaon-, <u>kaon+</u> , gamma, proton for 3 angular ranges (3to50deg, 45to135deg, 130to177deg)	DIFFRACTIVE_R RHO



# Refining the Default Input Datasets List

We ask each PWG to provide us with a brief email summarizing the **essential set of MC event generators and settings** needed for studies by **December 12, 2023**.

Please ensure to **include information on versions and any potential extensions (github repo)**. We will follow up with guidance on how to consolidate this information into a shared repository.