

2nd Software Tutorial Planning

Feb/15/2023

Tutorial #2 Planning

- **Maintain the documentation standard**
 - Including recording and notes at the same high standard
- **Correlated with 2nd simulation campaign**
 - Campaign starts March 15th
- **Short training period**
 - 3 weeks
- **More targeted: address needs from community**
 - **Nonexpert level:** quick starting guide and Analysis
 - **Expert level:** reconstruction, benchmarking, detector geometry

ePIC SOFTWARE TUTORIALS

03/07, 03/08

Analyzing Simulation Output

03/14, 03/15

Running Simulations

03/21, 03/22

Writing Benchmarks



FOR DETAILS SEE:



Tutorial #2 Format

- Three week training period
- More targeted: address needs from community
 - **Nonexpert level: quick starting guide and Analysis**
 - **Expert level:** reconstruction, benchmarking, detector geometry
- **Other goals/objectives:**
 - EIC India training
 - Create a standard “How to start” material for future use.
- **Next step:**
 - Gather feedback
 - advertise
 - Look for volunteers

ePIC SOFTWARE TUTORIALS

For Nonexperts

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03/14, 03/15	Running Simulations
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For experts

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FOR DETAILS SEE:

Session 1 Planning

- Hosted by “newly” trained collaborators from October
- Three segments:
 - 1st setting up work environment on SDCC (BNL), JLab(JLab) and personal computer
 - **Kolja, Kong or Bill**
 - How to access simulated data stored on S3 or xrootd
 - **Kolja, Barak, Tyler, Bill**
 - How to analyze the root tree
 - **Chris, Barak, Tyler, Stephen**

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Session 2 Planning

- Three segments:
 - Generator inputs and afterburner:
 - **Brian, Kolja or Bill**
 - Detector geometry and detector modification
 - **Wouter/Sylvester**
 - Job submission
 - to JLab
 - to SDCC
 - To condor
 - **Wouter/Bill**

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Session 3 Planning

- Three segments:
 - EICrecon module?
 - David or Sylvester
 - How to write a physics benchmark:
 - Nick, Chris
 - More ...

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