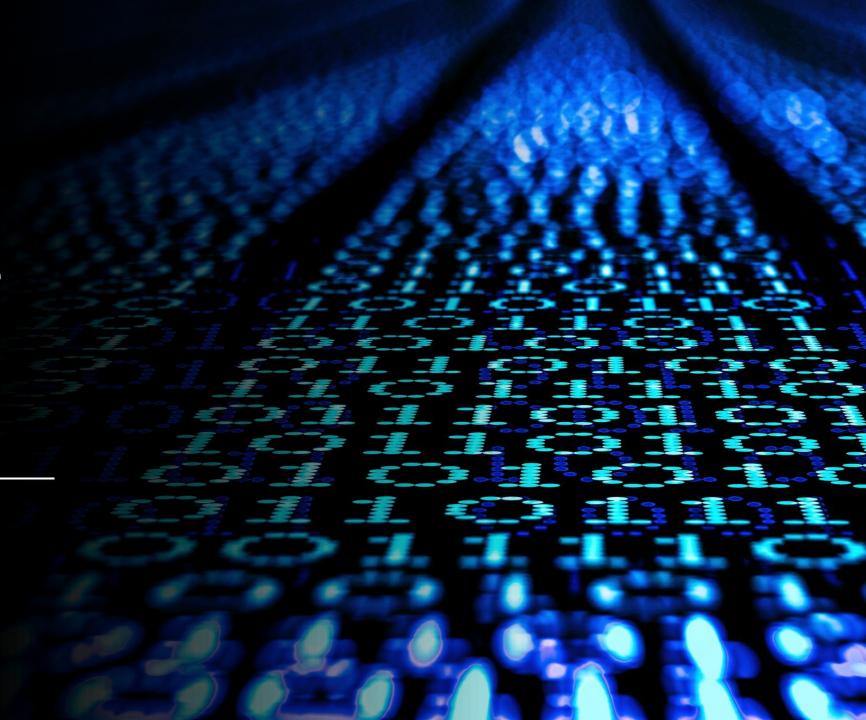
ePIC Software and NERSC Computing

EIC@LBL Meeting
6 September 2022



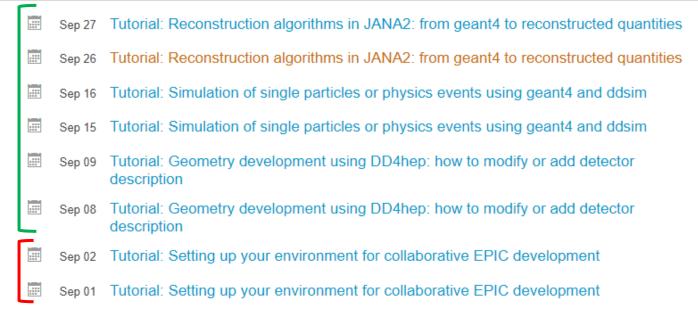
## ePIC Software Tutorials

- Long EPIC General Meeting
  - Thursday Aug 25, 2022, 6:30 PM  $\rightarrow$  8:30 PM America/Los\_Angeles
- Announcement of software tutorials

#### https://indico.bnl.gov/category/443/

- Tutorials are coupled to allow all time zones
- Hands-on style allows to actually have a running software stack and simulation packages by the end of the session
- Availability of the developers during the tutorials allows all the possible questions to be answered
- I highly recommend attending these

#### September 2022



# Energy Research Computing Allocations Process - ERCAP

- Yearly allocation of resources at NERSC's HPC
  - Cori and Perlmutter both available currently
  - These resources come for free to the group
  - Anybody in this group can acquire NERSC account and use these resources for the EIC related work [project name "m3763"]
  - Project currently has 14 users with

User	Username	Account	Node Hours Charged	Machine Hours	Node Hours
♣ Cruz Torres, R	reynier	m3763	159	159	454
♣ Fan, Wenqing	wenqing	m3763	78	78	224
▲ Yeats, Emma	eyeats	m3763	70	70	200
Liang-Gilman,	blianggi	m3763	20	20	57

- Deadline for 2023 requests is October 3, 2022
  - I have started updating the request and will need your input in a week or so to finalize

### **ERCAP Allocation History**

- EIC Project at NERSC started in 2021
- ERCAP allocations are based on
  - Justification of need
  - Past utilization
- GPU allocations for 2022 were given by default, because NERSC was testing – this may change in 2023

