

# ECCE Software Workshop

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# Overview

- Steering Committee floated the idea of having a “software workshop” in which we have an open discussion on the future and evolution of the ECCE software stack
  - Timely as we have internally discussed this as well. Need to make decisions soon about future of software stack towards TDR and CD-2
- Software workshop could be open to all ECCE (and non ECCE) collaborators about what future of EIC software looks like

# Topics for Discussion?

- External package involvement and use
  - Things such as ACTS, Gaudi, Fun4All, etc.
- Software distribution
  - Use of cvmfs and singularity was well received by users based on software survey
- Data model and roles of things such as the event evaluator
  - If we don't use a flat tree structure for all in the mDST, how do we encourage development of analysis modules from DSTs?
- Role of hybrid architectures and LCF
- Others?

# Organization of Workshop?

- How would we organize such an event?
  - Have a few “plenary” talks followed by extensive discussion time for each?
  - “Round table” in which people bring their own ideas for discussion?
  - Give user community an opportunity to provide input?
  - All or none of these? Something else?
- In some senses this is a similar idea to the “EIC town hall” efforts that the EICUG SWG has organized
  - How will this be perceived outside of ECCE - want to be inclusive and not step on toes