FCC Software Tutorials

Snowmass 2021

Sep 22, 2020
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For the FCC software team

Structure of the event

- Day 1, Sept 22nd
  - General introduction; closer look to Gaudi@FCCSW
  - Hands-on: environment, generation with Pythia8, Whizard
- Day 2, Sept 23rd
  - Hands-on: Delphes, analysis
- Day 3, Sept 29th
  - Hands-on: full simulation and reconstruction

Goals of the FCC software tutorials

- Make participants able to use what exists
- Make interested participants able to contribute to the evolution / development
- Get feedback on topics and expectations

AoB

- **Public Resources**
  - **lxplus**, requires CERN account
  - OSG **login.snowmass21.io**, requires registration
- Private resources
  - Any desktop/laptop running CentOS7 should work (requires cvmfs)
  - CernVM-based dedicated VM can also be used (see instructions)
- Technical documentation available as ReadTheDocs
- Public Support channel on Mattermost
  - https://mattermost.web.cern.ch/fccsw/channels/fcc-sw-workshop
  - Requires CERN account and invitation
    (please contact fcc-software-workshop@cern.ch)