10 TeV Detector Meeting

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Introduction

- Update on computing resources:
  - We have been using the Snowmass Connect cluster (supported by Chicago, part of OSG).
  - Expectation from Chicago admins is that these resources will shift to Fermilab.
  - We should find out if we can use Fermilab computing; otherwise we will need to look for other resources.
- For future meetings; let me know if you'd like to give a longer talk!
  - If you need access to Indico; follow these instructions to create an account.
- Some upcoming future collider events:
  - CCC Fundamentals and Simulation Tools by Lindsey Gray (Fermilab Colliders of Tomorrow) **today at 1:30 CDT**.
  - Status of high-field magnet R&D for future colliders by Andrzej Siemko, Bernhard Auchman (CERN Future Colliders) on **Tuesday, May 2nd**.
  - Muon4Future, May 29-31.
  - IMCC Annual Meeting, June 19-22.

Useful Links

- (Taken from Federico's intro slides last week).
- Documentation:
    - Google doc with notes and list of tasks
    - Muon Collider Software Tutorial
    - Shared Overleaf
- Federico's github repos:
    - https://github.com/madbaron/detector-simulation.git (detector model, branch KITP_10TeV)
    - https://github.com/madbaron/SteeringMacros.git (dd4hep and Marlin steering)
    - https://github.com/madbaron/LCIOmacros.git (analysis)
    - https://github.com/madbaron/PLOTmacros.git (steering)
- Data files: /collab/project/snowmass21/data/muonc/fmeloni
- #10tev-simulations channel on SCHEMA slack.