HSF Detector Simulation Working Group Meeting

https://hepsoftwarefoundation.org/workinggroups/detsim.html

Conveners:
Krzysztof Genser (Mu2e, Geant4, Fermilab)
Kolja Kauder (STAR/EIC BNL)
Tommaso Lari (ATLAS, INFN Milano)

6th of May 2024

- Today's talk:
  - "**Machine Learning for Detector Simulation**"
    - Speaker: Kevin Pedro (Fermilab/CMS)
  - Please "raise hand" on zoom to ask questions or make comments; please defer longer comments or questions requiring longer answers till after the end of the talk
  - Link to the live notes is posted on indico where questions or comments can be entered as well:
  - https://indico.cern.ch/event/1408850/
- Topic of the next session, currently scheduled for June 3rd(a formal announcement and details coming soon):
  - An end-to-end fast simulation

- We are soliciting contributions to the to be scheduled session on
  - Extensions to the standard Geant4 Physics models that experiments are using in their detector simulations, but which have not been pushed back to the main Geant4 repository

- Please contact the conveners if you would like to give a talk or provide slides on the above topic

- Other ideas and input regarding future meetings is very welcome, especially for cross-Working Group items
  - Please feel free to contact the conveners to suggest a topic, volunteer a talk or provide feedback

- If you are not a member of the HSF Detector Simulation Google Group/mailing list and would like to join, please go to: https://groups.google.com/g/hsf-simulation

- The main HSF mailing list link: https://groups.google.com/g/hsf-forum

- Also see: https://hepsoftwarefoundation.org/future-events.html