



Meeting goals

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2019 Geant4 Collaboration Meeting

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NATIONAL
ACCELERATOR
LABORATORY



Meeting goals

- Validation / quality assurance in particular in MT mode and large event samples
 - Critical for both physics and non-physics
 - Examine the test coverage : do we cover all functionalities / phase space?
 - Collaboration-wide effort
- Familiarize with new (and current) tools
 - Git and the new code development procedures
 - Do we need wrappers like g4svn?
 - Discourse, Drupal
 - Coverity, performance monitoring, Cdash, physics validation DB, etc.
- Update user requirements
 - New requirements, forgotten requirements
 - Emerging user domains, e.g. material science, radiation security, ...

Credibility

- There are still quite a many open bug reports.
 - The Steering Board is now checking every open bug report at every SB meeting.
 - Collaboration meeting is an excellent opportunity for tackling to long-standing issues.
- Please update bug report you are assigned to.
 - If you think the report should be assigned to someone else, please re-assign it. Otherwise change the status to "assigned".
 - If you identify a bug in the released code by yourself, create a bug report.
 - If you have already fixed the issue, or if you have identified the report as invalid, please update the report status accordingly. Don't remain the report unattended.
- Many "good" Discourse postings are unattended.
 - First of all, subscribe threads that are related to your WGs.

Let's discuss

- Let's shape Geant4 version 11.
 - Robust and achievable strategic plan can only be made with brainstorming discussions.
 - Join the discussions at plenary / parallel sessions on shorter- / longer-term developments.
- Join the collaboration-wide efforts. Collaboration meeting is a good opportunity for joining in.
 - Testing, computing and physics performance monitoring
 - Examples, documentation, web
- Face-to-face discussion is by far the best way of communication.
 - Speakers, please keep your talk in time. Session chairs, please allocate enough amount of discussion time.
 - Please make the best use of coffee and lunch breaks, evening getting together, etc. Find every opportunity for “non-scheduled” discussions.