

Geant 4

Meeting goals

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2013 Geant4 Collaboration Meeting
Seville, Spain



NATIONAL
ACCELERATOR
LABORATORY



Meeting goals

- Preparation toward the major release of Geant4 version 10.0
 - Thread safety
 - Interface changes
 - New or enhanced features
 - Example/test/document update
 - Testing strategy
- Credibility and cooperativeness
 - Bug report, HyperNews, requirement tracking
 - Join to the efforts, share responsibilities
 - Publication
- Strategic planning
 - Plan our future

Major release of Geant4 version 10.0

- Making clear and detailed **work plan** toward the 10.0 release is **the** major goal of this collaboration meeting.
- Pre-release test should cover as many use-cases as we are aware of.
 - Communicate with your WG colleagues and check the coverage.
 - Migrate from obsolete classes/methods/commands ASAP.
 - Don't scream on one day after the release. Try your application as well very soon.
- Join the efforts on examples/tests/documents.
 - You are part of these processes.
 - Plenary 2 – Collaboration tools
 - Plenary 5 – Work plan toward version 10.0
 - Parallel sessions

Credibility – 1

- The key of our past, current and future success is satisfaction of our customer users. We have to make them feel well taken care of and well supported.
- There are many open bug reports. The Steering Board is now checking every open bug report at every SB meeting. Please update bug report you are assigned to.
 - You can change the severity and priority of the bug report if you believe they are unnecessarily too high (or too low).
 - If you think the report should be assigned to someone else, please re-assign it. Otherwise change the status to "assigned".
 - 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.

Credibility – 2

- There are many unattended HyperNews postings even though they are asking reasonable questions. We have to address to them.
 - This is a team effort. None of us is expert of all Geant4 aspects.
- Join the collaboration-wide efforts. Collaboration meeting is a good opportunity for stepping in.
 - Testing, computing and physics performance monitoring
 - Examples, documentation, web
 - Publication
- Please encourage your local users to attend to the Technical Forum.
 - If needs are, we may have it more than 4 times a year, and you may locally host it.
 - Let's discuss how we can improve our user-support processes.

Plan our future

- Geant4 version 10 is not our ultimate goal. It's a solid milestone we have to step upon, and it's the beginning of our new era.
- We will keep improving Geant4, maintaining it and supporting our customer users for foreseeable future.
- Robust and achievable longer term strategic plan can only be made with brainstorming discussions.
- We obviously have scalability problem in user support. Our resource is not growing proportionally with the number of users.
 - Encourage and conduct experienced users
 - Some key developers have retired. Some others are “tired.”
 - Encourage and promote new generation collaborators

We are even more
productive...



Taito (Petteri's son)



Arturo
(Davide's son)



Rei (Akinori's daughter)

Let's discuss

- 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, parallel to parallel sessions, evening getting together, etc. Find every opportunity for “non-scheduled” discussions.
 - We are now at the home of *tapas*!