

Experience with Geant4 training

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Geant4 Workshop
Lisbon, 10-14 October 2006

Do we remember how Geant4 training was launched?

Training and Courses
An introduction to the discussion

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Geant4 Workshop
ESTEC, 20-24 September 1999

Experience in the Collaboration since then

- **Geant4 Training Kit**
 - Contribution from many collaborators
 - Is it maintained?
- **Courses**
 - Short Course (introductory overview)
 - Hands-on Course (with exercises)
 - Academic lectures
- **Complementary material**
 - SLAC CD
- **Trainers**
 - Several
- **Students**
 - Hundreds?

Feedback & Evaluation

● On lecturers

- Thanks to IEEE! (*rating: from excellent to “not so good” ...*)

● On students

- Follow-up (*needs a more rigorous statistical analysis*)
- Guidelines from SEI's reports on software training

● Has it been useful?

- To students: hopefully...
- To Geant4: yes, **powerful PR instrument!**
- To Geant4 trainers: yes
- To Geant4 developers: yes in most cases, serious problems in other cases

For the future

- New guidelines discussed in the special workshop on collaboration reorganization, July 2006
 - In practice?

Food for thought

- **Planning courses**
 - Dates, locations, type of course, announcements, training team, course material
 - Advance planning useful to users and developers
- **Sharing the honour and effort of giving lectures**
 - A more collaborative and transparent attitude would be beneficial to a more pleasant atmosphere in the collaboration
- **Up-to-date training material**
 - Supported by the whole collaboration
- **Competent trainers**
 - No one has in-depth expertise on all Geant4 domains and APPLICATIONS
 - Matching trainers' competences to students' background
- **Involvement of young Geant4 developers**
 - Often better placed to interact with the majority of students (of the same age)
- **Cooperation, transparency and fairness are beneficial**
 - In training like in other Geant4 domains
- **Internal competition and politically-driven decisions are harmful**
 - In training like in other Geant4 domains

Parallel session: Public Relations

- Geant4 web
- Training
- Conferences

- Many important topics squeezed in ~1 hour only
- Still better than nothing...