Geant 4

IEEE Nuclear Science Symposium and Medical Imaging Conference Short Course

Simulation Techniques Using Geant4

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http://www.ge.infn.it/geant4/events/nss2008/geant4course.html

This course exploits training material developed by several Geant4
Collaboration members: thanks to all of them!



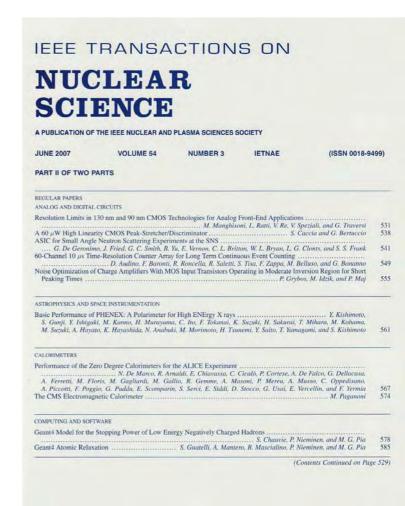
Conclusion

Feedback and outlook



What comes next

- Once cannot learn Geant4 in one day…
 - ...but hopefully the vision you acquired today will guide you in your next steps
- Feel free to contact myself and the Geant4 Collabortion
 - Your feedback is welcome!
- Various Geant4-related papers by former Geant4 Course students published in IEEE TNS
 - a pleasure for the Associate Editor!





Outlook

 Geant4 will celebrate its 10th birthday since its first public release on 15 December 2008

A mature system

- ~1000 citations of Geant4 NIM 2003 reference paper as of today
- Most cited publication in Nuclear Science & Technology (JCR®)

Still under development

- New features, refinements etc.

New experimental domains, new challenges...

- Project to revisit the design of Geant4 kernel to address new experimental challenges recently launched at INFN
- Co-working condensed/discrete schemes, Monte Carlo/deterministic methods

Many Geant4-related talks in NSS Computing & Software sessions Excellent opportunity to learn more: do not miss them!