Concluding remarks

Makoto Asai
On behalf of the SLAC Geant4 team
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Following up - 1

http://geant4.slac.stanford.edu/

- Please keep maintaining your Geant4 installation updated.
  - Irregular patch releases may be more important than regular releases.
  - Check our web page regularly to find release news, or register to Geant4 announcement mailing list.
Following up - 2

- If you have a question
  - Look for our documents.
    - Users guides, Twiki pages, tips pages, examples and their READMEs
  - Post your question on Geant4 HyperNews
    - Please make sure to do a bit of survey that no one has already asked the same question before.
  - As the final method, write us a mail.
    - Avoid anonymous mail account such as hotmail, gmail, etc., if possible.
    - Mention you attended Texas A&M Geant4 tutorial 2011.
  - Or, catch us at meetings/conferences.
    - Apologies if we cannot recognize you…

Concluding remarks
Geant4 at SLAC

Geant4 is a toolkit for the simulation of particles passing through and interacting with matter. Its areas of application include high energy, nuclear and accelerator physics, as well as studies in medical and space science. Geant4 is developed and maintained by the international Geant4 Collaboration. Members of the SLAC Geant4 team have been actively participating in the Geant4 collaboration since its beginning, and currently take leading roles in several key areas of the collaboration. SLAC Geant4 members made significant contributions in simulation development for the BaBar experiment at SLAC, which pioneered the use of Geant4 in the simulation of high energy physics experiments. The SLAC Geant4 Team supports the use of Geant4 for on-site users including ATLAS, BaBar, Cryogenic Dark Matter Search (CDMS), Enriched Xenon Observatory (EXO), Fermi Gamma-ray Space Telescope, and International Linear Collider. The team also supports general Geant4 users of all application domains in North America and beyond.

• Large-scale simulations requiring event biasing and GRID capabilities.
• General shielding optimization applications.

This 7th GEANT4 Space Users workshop follows events organized at selecting future events:

• Geant4 space users workshop – November/December, 2011 @ Tsukuba (Japan)
• American Brachytherapy Society meeting – April 14-16 @ San Diego
• PTCOG – May 08-14 @ Philadelphia
• G4NAMU annual meeting – @AAPM meeting, Jul. 31-Aug. 04, 2011 @ Vancouver

For general users:

• IEEE/NSS Conference – October 23-29, 2011 @ Valencia (SPAIN)

Concluding remarks
Past events

User meetings organized by SLAC Geant4 team

- 7th Geant4 Space Users Workshop - August 18-20, 2010 - co-organized with Boeing Co., NASA/JPL and Vanderbilt University
- Geant4 North American Medical User Organization (G4NAMU) meeting - July 18, 2010
- Geant4 North American Medical User Organization (G4NAMU) meeting - July 26, 2009
- Geant4 North American Medical User Organization (G4NAMU) meeting - July 27, 2008
- Symposium on Particle Beams in Cancer Management - April 18, 2008 - co-organized with Dept. of Radiation Oncology, Stanford Univ.
- 4th Geant4 Space Users Workshop - November 6-10, 2006 - co-organized with NASA/JPL
- 2nd Geant4 Space Users Workshop - May 10-12, 2004 - co-organized with Vanderbilt University
- 1st International Geant4 Users Workshop - February 18-20, 2002

Geant4 tutorials conducted by SLAC Geant4 team

- Puebla, Mexico - June 14-18, 2010
- SLAC - November 02-06, 2009
- SLAC - May 14-18, 2007
- NASA JPL, California - November 10, 2006
- McGill University, Quebec, Canada - September 25-28, 2006
- Jefferson Lab, Virginia - May 22-25, 2006
- SLAC - March 7-10, 2006
- Helsinki Institute of Physics, Finland - June 6-7, 2005
- ESA/ESTEC, Netherlands - March 3, 2005
- SLAC - March 8-10, 2004
- Vanderbilt University, Tennessee - January 12-14, 2004
- Fermilab, Illinois - October 27-29, 2003
- SLAC - February 18-20, 2002

For the complete list of past events, please visit Geant4 Collaboration web page.
Future tutorials

Geant4 @ SLAC

Radiation Safety Information Computational Center
Delivering the Best Computational Tools for Nuclear Research

Package Index: 1 2 3 ABC DEF GHI JKL MNO PQRST UVWXYZ

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Geant4/SWORD TRAINING WORKSHOP
Co-Sponsored by RSICC and NEA
Oak Ridge National Laboratory
Oak Ridge, Tennessee
March 7-11, 2011

Joint Geant4/SWORD Workshop
Presented by the Geant4 (SLAC/LLNL) and SWORD (NRL) Developers

Monday

- **Purpose—SWORD:** SoftWare for Optimization of Radiation Detectors (SWORD) is a framework to allow easy simulation and evaluation of radiation detection systems. It is targeted at system designers, who want to evaluate and optimize system parameters without actually building hardware first, at sponsors who need to evaluate proposed or actual system designs independent of the supplier, without having access to actual hardware, and at operators who want to use simulation to evaluate observed phenomena.

SWORD is vertically integrated and modular. It allows users to define their own radiation detection instruments by building them from basic geometric “objects” and assigning those objects materials, shapes, and orientations. The system automatically calculates properties such as position resolution, energy resolution, and detection efficiency.
## IN2P3 Geant4 collaborators

IN2P3 Geant4 collaborators are listed alphabetically by surname followed by contact information. Some of them are members of the Geant4 collaboration.

<table>
<thead>
<tr>
<th>Surname</th>
<th>Forename</th>
<th>Laboratory</th>
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[geant4.in2p3.fr](http://geant4.in2p3.fr/)

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**Overview**

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**AO6041 Collaboration**

**Visualization & Qt**

**Search**

- On this website
- On the whole CNRS Web
The SLAC Geant4 team

Members of SLAC Geant4 team and their roles in Geant4 collaboration

Member List

Makoto Asai
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Working Groups: Run Event & Detector Response, Track & Particle, Geometry, Generic Process, Intercoms, Visualization, Documentation
Other roles: Spokesperson, Chair of Steering Board, Oversight Board

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Working Groups: Hadronics, Documentation
Other role: Steering Board, Chair of Publication Board

Concluding remarks

• Covers most of the Geant4 categories
• Is happy to organize Geant4 tutorial
  - At SLAC or preferably at your place
• Is happy to collaborate with you!!
Thank you for your attendance.
Let’s keep in touch.