Welcome to Geant4 Users’ Workshop

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Feb. 18th – 22th, 2002
On behalf of the Organizing Committee, I welcome you to the *Geant4* Users’ Workshop, SLAC 2002.

This workshop is the first *Geant4* users workshop to be held in U.S.

The workshop consists of 3 days of tutorials and 2 days of presentations.
Tutorial course

- This is the largest *Geant4* tutorial course ever had in terms of
  - *Amount of time and lecture*
  - *Number of lecturers*
  - *Number of participants*

- Tutorials start at the installation and novice level tutorials, aimed at users who are new to *Geant4*, and will then proceed to advanced lectures for experienced users.

- This time we put emphasis on tutorials for physics processes.
Introduction / Installation tutorials

- **General introduction to Geant4**
  Feb. 18th (Mon) 9:20 - 9:40

- **Installation of Geant4**
  Feb. 18th (Mon) 9:40 - 10:30

- **Installation of Visualization/GUI/Analysis tools**
  Feb. 18th (Mon) 11:00 - 11:45

- **Installation workout**
  Feb. 18th (Mon) 11:45 - 14:00
  - Because of National holiday, SLAC cafeteria is closed.
  - Sandwich and beverage catering will be arranged. Sign-up sheet is at the registration desk.
  - Participants are expected to try the installation.
Novice level tutorials

- **Getting started**
  Feb. 18th (Mon) 14:00 - 14:50

- **Primary particle generation**
  Feb. 18th (Mon) 14:50 - 15:10

- **Material**
  Feb. 18th (Mon) 15:10 - 15:30

- **Geometry description**
  Feb. 18th (Mon) 16:00 - 17:00

- **Magnetic field**
  Feb. 18th (Mon) 17:00 - 17:30

- **Detector sensitivity**
  Feb. 18th (Mon) 17:30 - 18:30

- **Documents, user forum and user supports**
  Feb. 19th (Mon) 18:30 - 19:00

- **User commands**
  Feb. 19th (Tue) 9:00 - 10:00
GUI/Vis/Analysis tutorials

- Visualization/GUI/Analysis (Part I)
  Feb. 19th (Tue) 10:00 - 10:30

- Visualization/GUI/Analysis (Part II)
  Feb. 19th (Tue) 11:00 - 12:30
Physics processes tutorials

- Physics process in general
  Feb. 19th (Tue) 14:00 - 15:00

- Transportation process
  Feb. 19th (Tue) 15:00 - 15:30

- Decay process
  Feb. 19th (Tue) 16:00 - 16:30

- Standard electromagnetic processes
  Feb. 19th (Tue) 16:30 - 17:30

- Relativistic Particle Energy Loss
  Feb. 19th (Tue) 17:30 - 18:00

- Low energy electromagnetic processes
  Feb. 20th (Wed) 9:00 - 10:00

- Optical processes
  Feb. 20th (Wed) 10:00 - 10:30
Physics processes tutorials (cont’d)

- Muon-nucleous and other lepton-hadron processes
  Feb. 20th (Wed) 11:00 - 11:30

- Hadronic processes (Part I)
  Feb. 20th (Wed) 11:30 - 12:30

- Hadronic processes (Part II)
  Feb. 20th (Wed) 14:00 - 15:00
Advanced tutorials

- Adding new process
  Feb. 20th (Wed) 15:00 - 15:30

- Shower parameterization
  Feb. 20th (Wed) 16:00 - 16:30

- Geometry, advanced features
  Feb. 20th (Wed) 16:30 - 17:15

- Stack management, digitization and pile-up
  Feb. 20th (Wed) 17:15 - 18:00
Please note

- Organizers are NOT responsible to any personal belongings left in this room.
- Back half of this room will not be available for 10:45~14:00, tomorrow.
- You must show BOTH a valid photo-ID AND the workshop badge every time you enter through the gate. The ID check applies to passengers as well as to drivers.

- Enjoy the workshop!