**5th Geant4 Users'
Space Workshop**

13 – 15 Feb. 2008 @ Univ. of Tokyo, Tokyo, Japan

Go Iwai, KEK/CRC

Geant4 Go! DVD

Geant4 9.1 / CLHEP 2.0.3.2 / ROOT 5.18.00 / gLite UI 3.1.0

no more installation

Motivation and ...

2

- No more installation
  - The difficulty of installation is an obstacle for some of novice users potentially
    - also lectures
- A few candidates
  - Geant4 Live DVD
    - Basically read-only system
    - Just download and burn
    - Quick trial without any troublesome
  - Geant4 virtual machine
    - With VMware Player or VMware Fusion
    - Writable system
    - As the educational materials, learn and practice more about Geant4 and so on rather than trial
  - Geant4 Live USB
    - Still not yet
- Hope that ...
  - Easier to start Geant4
  - Practice quickly
  - Uniform environment, not to waste time on trifles
    - benefits for both users and lectures

Go Iwai, KEK/CRC

12nd February 2008

Contents of Live DVD

3

- Scientific Linux 4.5
  - Kernel 2.6
  - GNU gcc 3.4
- SL4 Live DVD provided by Urs Beyerle, IT division of PSI
  - See http://linux.web.psi.ch/livecd/
- Additional software
  - Geant4 9.1
  - CLHEP 2.0.3.2
  - ROOT 5.18.00
  - gLite tared UI 3.1.0
    - put a pair of certificates in $HOME/.globus by yourself
  - Visualization Tools
    - DAWN, DAVID
    - vrmlview
    - Wired

Go Iwai, KEK/CRC

12nd February 2008

Quick Tour with Live DVD

4

1. Download ISO image and burn it
2. Insert it to DVD drive and boot
3. Set the language and password
4. Click an icon "Try Geant4" on the desktop
5. Select preferable tab and click the button "Try now !" at bottom of the panel
   a. Change the focus to xterm window to control demo program and try various commands
   b. Input "exit" from command line if you want to try other demos
6. Click the button "Quit" if you want to exit

3min demonstration here (if possible)

Go Iwai, KEK/CRC

12nd February 2008

Slide 5

Concerning Items
Instead of Summary

- Still many bugs and inconvenience remain
  - Basically, any special drivers are not installed
    - Network configuration
      - Especially on wireless networks
    - Screen resolution
      - Unavailable for WXGA, WXGA+, and so on
      - XGA, SXGA, SXGA+, etc are available
  - Manual adjustment for the clock
    - Not so important on Geant4, but serious on Grid
  - A bit cheaper GUI for demo should be improved
- Already belated version in use, the latest one is 9.1.p01
  - Due to untimely released
  - No way to update on DVD, please wait for new release
    - PC will be frozen if you do it

Slide 6

References and Acknowledge

- Temporary workspace for Geant4 Live DVD
  - http://geant4.kek.jp/g4users/g4space5/
- Scientific Linux
  - http://www.scientificlinux.org/
- Scientific Linux Live CD/DVD
  - http://linux.web.psi.ch/livecd/
  - Thank much for Urs Beyerle and his great efforts
- Geant4 Virtual Machine for Windows
  - http://www-geant4.kek.jp/g4users/g4tut07/install-win.html
    - All in Japanese but VM is setup in English
- VMware Player
  - http://www.vmware.com/products/player/
- ML for Geant4 Users Support in Japan
  - Address: geant4-users@geant4.org
  - Subscription: http://www-geant4.kek.jp/mailman/listinfo/geant4-users
- Any suggestions and comments are welcome to me:
  - Go Iwai -- go.iwai@kek.jp

Many Thanks for Your Attention