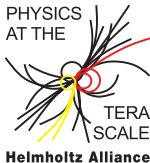


Laptop preparation



DESY, March 10-14, 2014

Fabian Bach, Johannes Bellm, Simon Plätzer, Stefan Prestel, Marco Sekulla, Jennifer Thompson

General

You can get hands-on experience with

Herwig++: Ask Johannes Bellm or Simon Plätzer

Pythia 8: Ask Stefan Prestel

Sherpa: Ask Jennifer Thompson

Whizard: Ask Fabian Bach or Marco Sekulla

The tutorials will use the virtual machine we're handing out right now.

For the first and second day, please form *four* groups. In each group, please make sure that each Monte Carlo generator is represented.

For the third day, you can mix up the groups.

On Friday morning, you will have the opportunity to present some of your findings.

Updating

Whenever you restart the Virtual machine, open the terminal, do

```
cd /home/student/tutorials
```

and update with

```
cd ./update.sh
```

Installing guest additions

To share folder between your VM and the host system, install the "Virtualbox Guest Additions". In the running VM, go to

`http://download.virtualbox.org/virtualbox/`

Go into the folder for your VirtualBox version (see "About Virtual Box" in the "Help" dialog). Download the `VBoxGuestAdditions_xxx.iso` file. Save this file in `/home/student`

Then go to `/home/student` and do

```
sudo mkdir /media/GuestAdditionsISO
```

and

```
sudo mount -o loop /home/student/VBoxGuestAdditions_xxx.iso /media/GuestAdditionsISO
```

Then, do

```
cd /media/GuestAdditionsISO
```

and do

```
sudo ./VBoxLinuxAdditions.run
```

After this, restart the virtual machine. Now, guest additions are installed.

Creating a shared folder

- In your running virtual machine, go to Devices -> Shared folders (or something similar).
- Click on the "Add" or "+" symbol.
- Select a folder on your HOST computer.
- Call this folder (in the dialog window!) `share_host`
- Tick the "automount" box. Tick the "Make permanent" box.
- Close with "OK".
- Then, open the terminal, and go to `/home/student`
- Execute `./tutorial/mountSharedFolder.sh`

Your shared folder is now available under `/home/student/share`