

Particle-Physics Computers and Analysis

30-May-2018 Bill Seligman

- **2:00 PM:** Computer resources at Nevis
- **2:15 PM:** ROOT - What is it? Why do we use it?
- **2:30 PM->end of day:**
 - Hands-on ROOT Course, day 1

Tomorrow:

- **9:30AM:** Concepts in batch processing
- **10AM->whenever:**
 - Hands-on ROOT Course, day 2

Who am I? (Systems administration)

Bill Seligman

seligman@nevis.columbia.edu

x2823

Room 116

Will cheerfully answer questions on:

Unix (& Mac) / security / software / networking

Will grumpily complain about questions on:

Windows / hardware

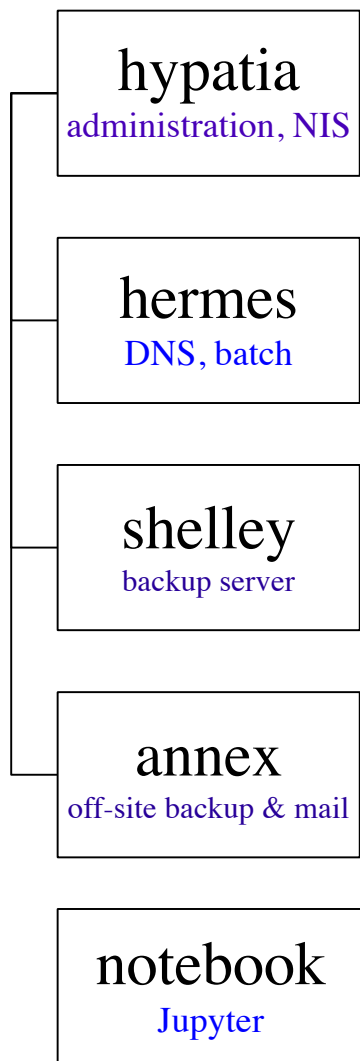
You can find more information about me (too much!) on my web site,
which I'll leave for you to discover.

Social media: FB = Nevis Laboratories
 Twitter = @NevisLabs
 Instagram = nevislaboratories
 YouTube = *search for* #ScienceOnHudson

Particle-Physics Computer Systems

Linux Cluster

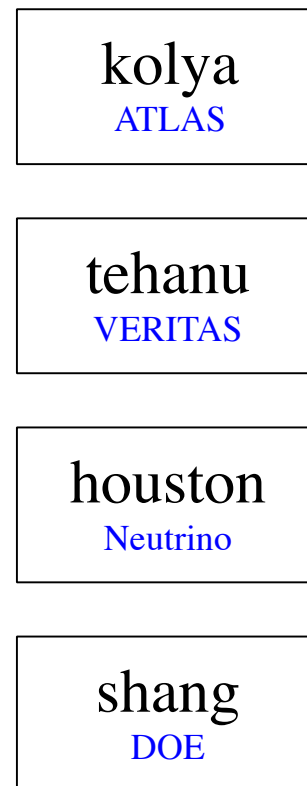
Administrative servers



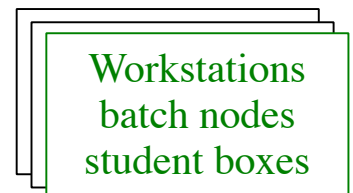
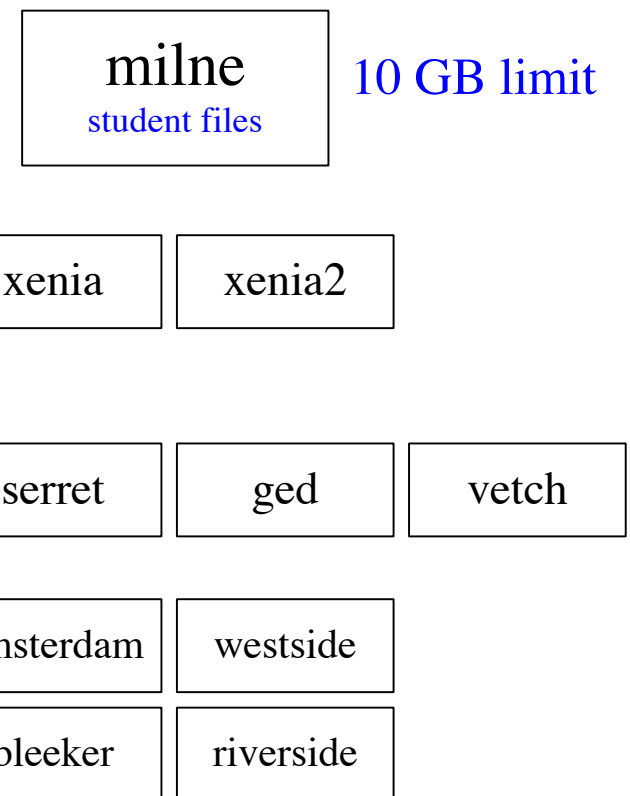
virtual machines



Workgroup/Login servers



File servers



<http://www.nevis.columbia.edu/linux/>

<http://www.nevis.columbia.edu/linux/cluster-names.html>

Particle-Physics Computer Systems

Printers

bw-research: Black and white, high-speed, duplex
Location: near building entrance

color-research: Color, duplex
Location: near building entrance

bw-admin: Black and white
Location: far end of west hall

**bw-elec &
bw-design:** Black and white, high-speed
Location: electronics building

Typical printer commands:

To print black and white on plain paper:

```
lpr -Pbw-research document.ps
```

To print in color :

```
lpr -Pcolor-research filename
```

For more information, see:

<<http://www.nevis.columbia.edu/software/printing.html>>

Particle-Physics Web Sites

Nevis Home Page:

<<http://www.nevis.columbia.edu/>>

Computing Pages (home->wiki):

<<http://www.nevis.columbia.edu/twiki/bin/view/Nevis/Computing>>

Linux Cluster Pages (home->wiki->computing):

<<http://www.nevis.columbia.edu/twiki/bin/view/Nevis/LinuxCluster>>

System News (home->wiki->computing):

<<http://listserv.nevis.columbia.edu/pipermail/nevis-linux/>>

I try to keep these pages up-to-date. If there are problems,
let me know -- but please be forgiving!

And now...

A waste of three
minutes