Particle-Physics Computing and Analysis

Wed 01-Jun-2022

T0 = After lunch (1:30PM or when everyone's on Zoom)

- T0: Particle-physics computer resources at Nevis
- T0 + 15 min: ROOT - What is it? Why do we use it?
- T0 + 30 min ➤ 5:30PM - Hands-on ROOT study

Thu 02-Jun-2022

T1 = 9:30AM or when everyone's on Zoom

- T1: The physicists' guide to statistics slang
- T1 + ΔT ➤ noon: Hands-on ROOT study continues

Particle-Physics Computing and Analysis

Thu 02-Jun-2022

T2 = After lunch (1:30PM or when everyone's on Zoom)

- T2: Batch systems
- T2 + ΔT ➤ 5:30PM - Hands-on ROOT study continues

Fri 03-Jun-2022

T3 = 9:30AM or when everyone's on Zoom

- T3: A fast way to analyze in ROOT (plus speed up code)
- T3 + ΔT ➤ noon: Hands-on ROOT study continues

Who am I?
(Systems administration)

Bill Seligman

seligman@nevis.columbia.edu

Office phone: 1-914-591-2823 (but email is the best way to reach me)

Room 116 (in non-pandemic eras)

Will cheerfully answer questions on:

Unix (& Mac) / security / software / networking

Will grumpily complain about questions on:

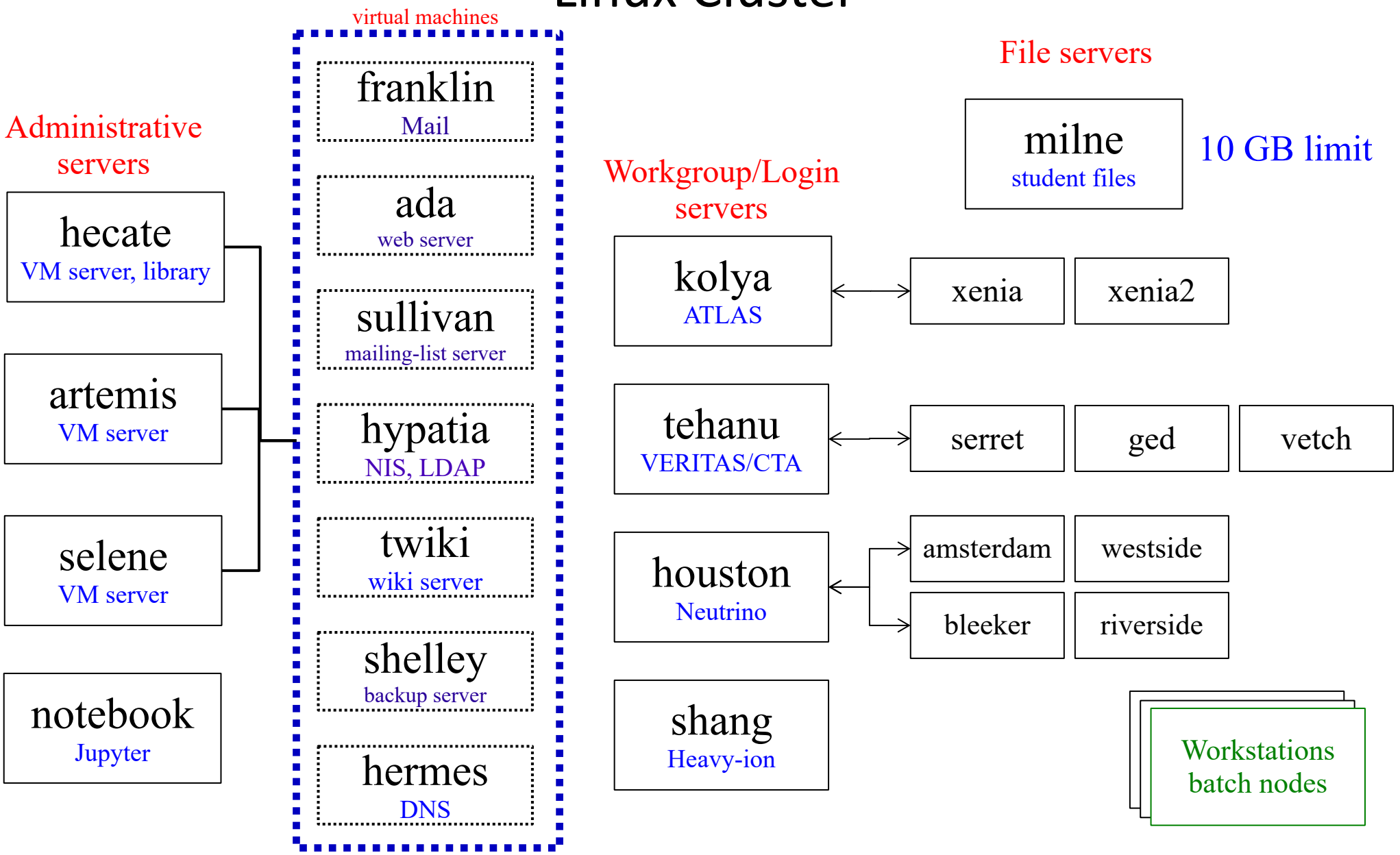
Windows / hardware

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

Nevis' social media: FB = Nevis Laboratories
Twitter = @NevisLabs (maybe losing this)
Instagram = nevislaboratories
YouTube = *search for* #ScienceOnHudson

Particle-Physics Computer Systems

Linux Cluster



https://twiki.nevis.columbia.edu/twiki/bin/view/Main/LinuxCluster
https://twiki.nevis.columbia.edu/twiki/bin/view/Main/ListOfMachines

Particle-Physics Computer Network

VPN

The particle-physics network (including the research building and the electronics building) is protected by a firewall. Many of the computer systems (especially those associated with electronics design and testing) are inaccessible from the outside world without using VPN.

https://twiki.nevis.columbia.edu/twiki/bin/view/Main/VPN

Your supervisor will (hopefully) let you know if you have to use VPN for your work. This means installing Cisco AnyConnect on your laptop, which you can download from:

https://vpn.nevis.columbia.edu

Note that Nevis VPN is *not* set up for anonymous Internet access. They'll know who you are (for some arbitrary definition of *they*).

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-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:
https://twiki.nevis.columbia.edu/twiki/bin/view/Main/Printing

Particle-Physics Web Sites

Nevis Home Page:
https://nevis.columbia.edu/

Computing Pages (home->wiki):
https://twiki.nevis.columbia.edu/twiki/bin/view/Nevis/Computing

Linux Cluster Pages (home->wiki->computing):
https:/twiki.nevis.columbia.edu/twiki/bin/view/Nevis/LinuxCluster

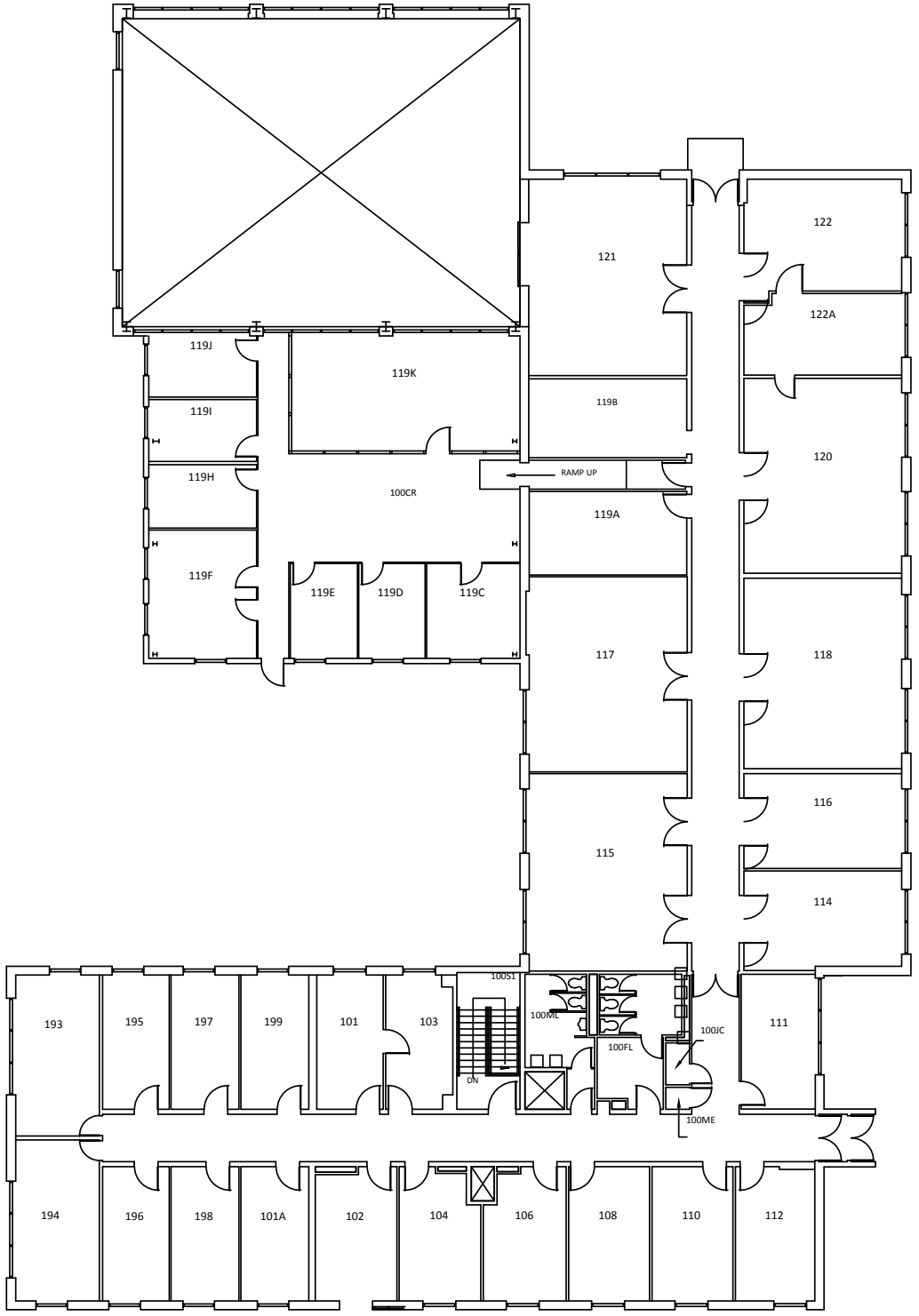
System News (home->wiki->computing):
https://listserv.nevis.columbia.edu/pipermail/nevis-linux/

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


Nevis Labs
Columbia University



RESEARCH BUILDING
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