

A photograph of a server room with blue lighting and rows of server racks. The racks are filled with server units, and some have yellow lights glowing. The perspective is from a low angle, looking down a long aisle of racks.

# National Supercomputer Center in Linköping



# Great events

Installation of Tetralith complete (SNIC resource)

Installation of Sigma complete (Local LiU resource)

Installation of two SMHI, METNO systems complete

... and ClusterVision B.V. went bankrupt ...

Procurement of WLCG system postponed



## Bluegrass - The “new” WLCG cluster

Procurement of identical compute nodes as Tetralith failed. Price became extremely high.

Now running on scavenged hardware from Triolith (48 nodes instead of 52 nodes). Received another rack of 48 nodes last Friday that will be deployed soon. This will be enough for 2019 pledges.

Running CentOS 7, IPv6 and ARC 6-bleeding-edge.

But mostly Alice jobs to cover for lack of Alice resources in the Tier 1.



# Tape

New tape library installed during the fall

LTO 7 and LTO 8 tape drives

Mix of LTO 5 tapes (read only), LTO 6, and LTO 7 tapes

WLCG data on LTO 5 (being migrated to LTO 7) and LTO 6

3PB capacity now, but more tape is being procured



## Plans (regarding WLCG)

Restart of the Bluegrass compute nodes procurement

Starting procurement of disk storage to replace 800TB old disk and some expansion (might include the Swedish Tier 2 Alice pledge)

Introducing a new Bluegrass sysadmin during the spring