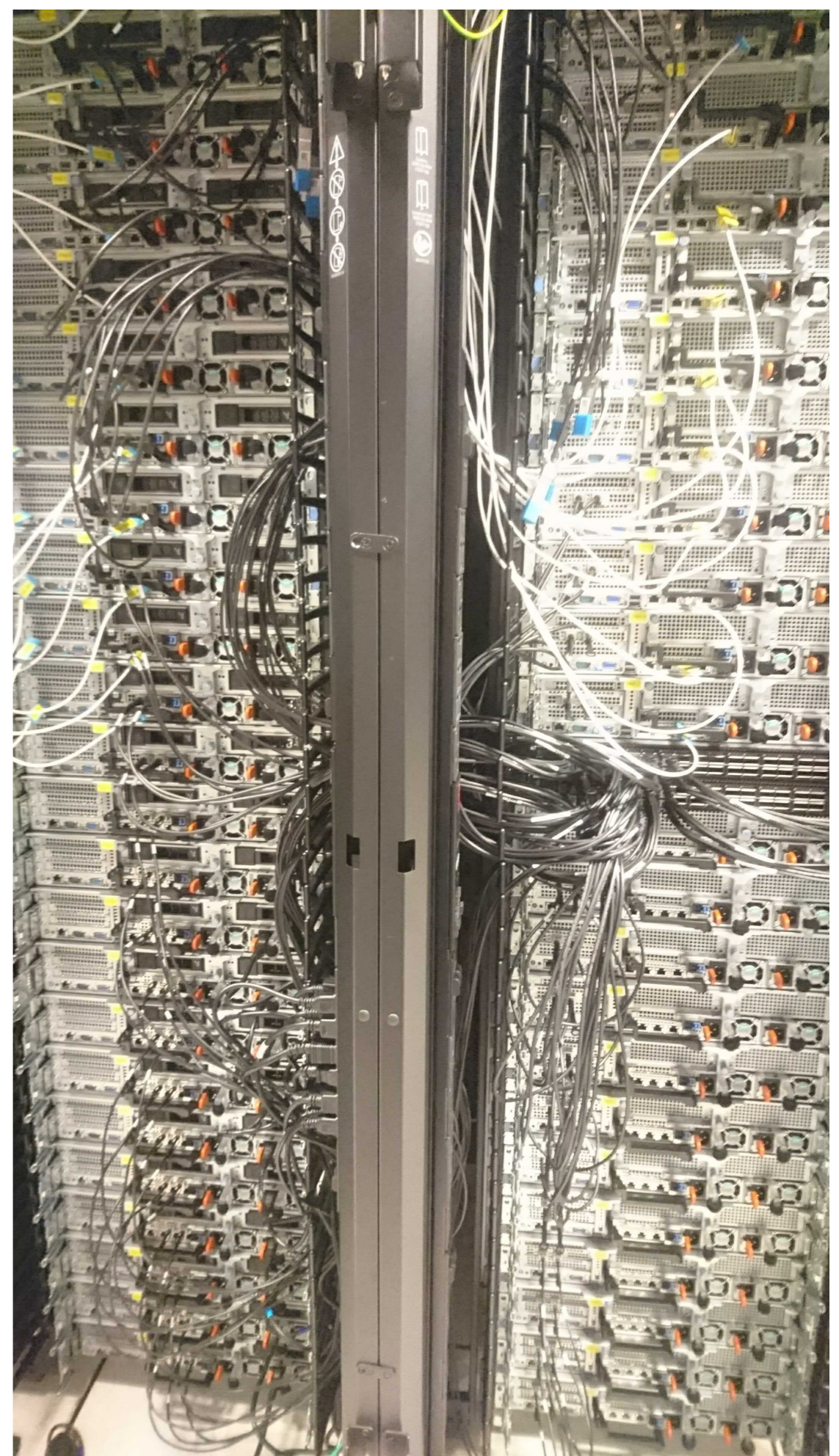# Tier-1 Status
at UiB

People

- Saerda Halifu - system operation

- Raymond Kristiansen - cloud & hardware operation

- Tor Lædre - cloud & hardware operation

- Boris Wagner - grid operation

Pledges

- CPU: 25 kHEPSpec06

- Disk: 2.5 PB

- Tape: 2-4 PB (not sure about latest numbers)

- Available (fingers crossed) before Easter 2019

New Hardware

- 24 Dell compute node with dual socket AMD EPYC

- 25 Dell disk server nodes with 140 TB (raw)

- Everything 10Gb/s

- Hardware is part of the Norwegian research cloud installation in Bergen.

- Tape provided via dedicated TSM machine (4 drives)

Software

- Everything virtualized via Openstack, Ceph and Ansible

- Each dCache VM will provide 100TB of Ceph storage

- Computing done with Elasticluster with Slurm as batch queue system.

- 40Gb/s internal bandwidth between dCache machines and compute nodes

Old Hardware

- Plan to run old compute nodes as long as possible. Depending on who pays for the power. Previously that was in-kind contribution of UiB.

- Plan to experiment with old storage hardware as an EOS cluster