



WIR SCHAFFEN WISSEN – HEUTE FÜR MORGEN

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# CMS Tier3 Status Report

CHIPP-CSCS Face to Face Meeting, Lugano, 2019-01-21

## Tier3 Steering Board meeting in December 2018:

Meeting agenda:

- Home directory rearrangement
- Storage: 1PB. Extension to 2PB in 2019
- Batch: add new WNs
- GPU
- Infrastructure

Positive overall rating of cluster operation.

# GPU node for machine learning

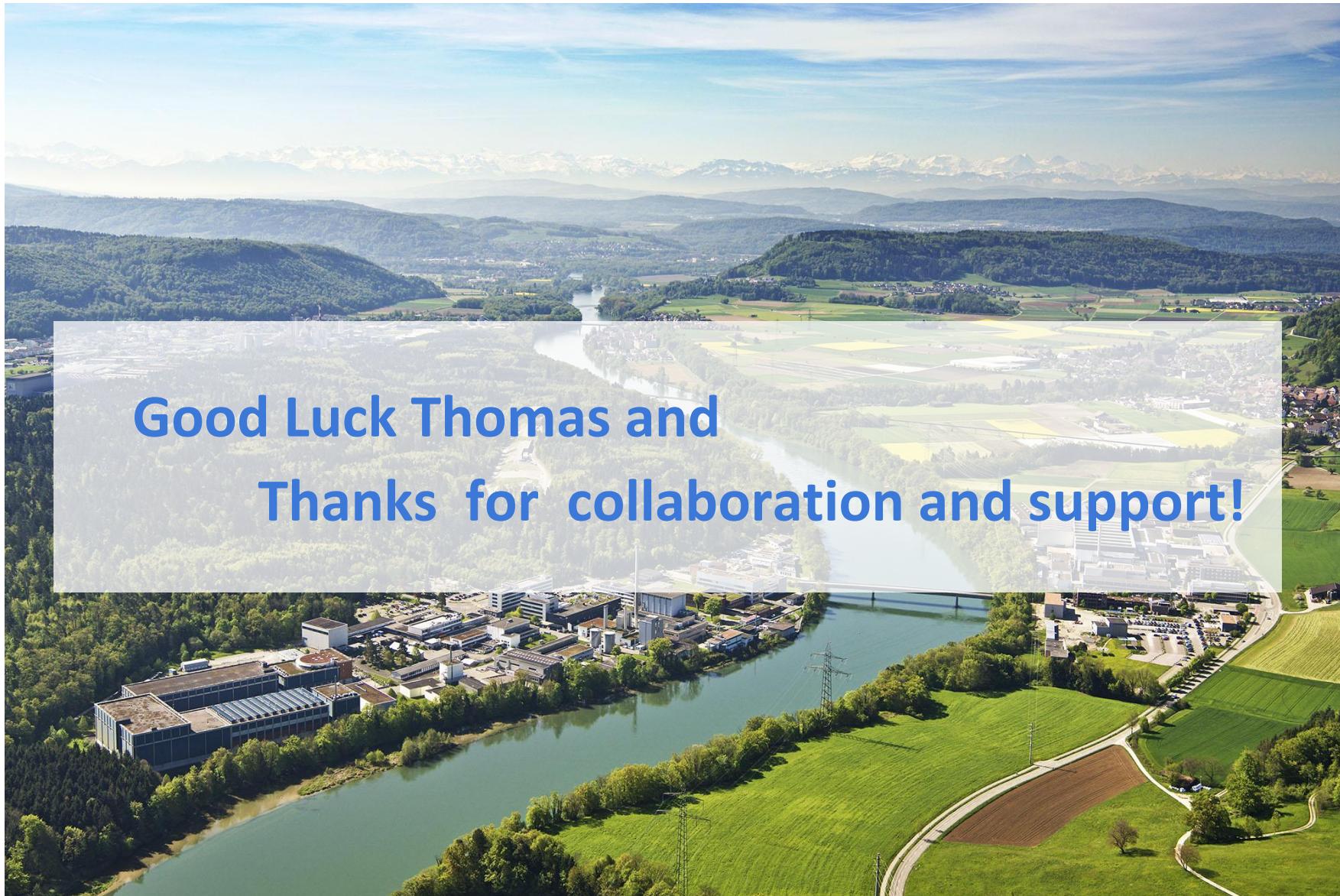
- Model: 5U Dalco server with 8 GPU GTX 1080 Ti
- OS: RHEL7
- Users: 8 testers
- Wishlist:
  - Scheduler (SLURM)
  - jupyterHUB
  - 1 more server in 2019/Q1

# Plans

<https://wiki.chipp.ch/twiki/bin/view/CmsTier3/Plans2019>

## 2019/Q1 plan

1. new boot/pxe server - done
2. home migration - deadline Feb 2019
3. slurm (for GPU resources, rhel7)
4. 2nd GPU procurement/deployment
5. configuration of a new t3admin02 node:
  - add t3 node-lists and check access
  - grid host certificates/scripts keeping - done
  - management subnet access and cabling
  - dcache admin interface
  - SANtricity GUI update and migration to storage headnode - done
6. split storage and home servers
7. WNs purchasing/installation/integration to sge batch
8. jupyterhub
  - contact other sites with experience of jupyterhub/CMS-SW integration



**Good Luck Thomas and  
Thanks for collaboration and support!**



**Thank you for your attention**