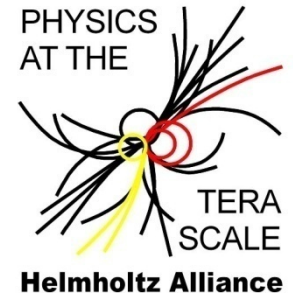


# HGF Storage Support Group status report

Christopher Jung for the group



STEINBUCH CENTRE FOR COMPUTING - SCC



## Who and where? Goal?

- HGF storage group has three members:
  - Oleg Tsigenov (RWTH, CMS),
  - Christoph Anton Mitterer (LMU, ATLAS) and
  - Christopher Jung (KIT, Tier-1).
- Close collaboration with
  - dCache developers (DESY),
  - Sergey Kalinin (University of Wuppertal) and
  - Xavier Mol (KIT, DGI 2).

(All persons mentioned above are dCache admins at their respective sites.)

- Goal:
  - Supporting dCache at Tier-2's and Tier-3's within HGF alliance (and D-Grid)

## Communication within the group

- Bi-weekly phone meeting of German support group with dCache developers
- Internal workshops:
  - Kick-off workshop (at DESY, January 2008)
  - 2<sup>nd</sup> workshop (at KIT, May 2009)
- Face to face meeting at HGF Workshops
- E-mail list: [german-support@dcache.org](mailto:german-support@dcache.org)

# Supporting

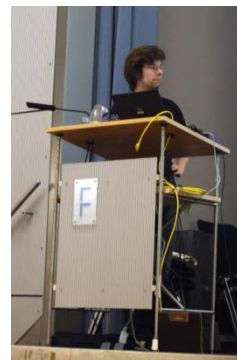
- Support comes in many ways:
  - 2<sup>nd</sup> level service support ‘dCache experts’ in GGUS (in collaboration with EGEE/WLCG storage group around Flavia Donno),
  - mailing list [german-support@dcache.org](mailto:german-support@dcache.org),
  - postings in relevant dCache forums,
  - providing tools and add-ons (in preparation),
  - offering incident management,
  - consulting LHC experiments in their respective internal meeting (e.g. ATLASLOCALGROUPDISK space token issue at ATLAS in 2008)
  - workshops and hands-on tutorials (-> documentation) and
  - personal contacts (e-mails, phone calls).

# Training

- Training events:
  - Cologne, April 2008:
    - main topic: SRM
    - Presentations and hands-on tutorials by developers
    - organized by SuGI and storage support group
  - GridKa School, September 2008
    - Overall introduction to dCache
    - Presentations and hands-on tutorials by developers
    - storage support group members were tutors
  - Aachen, April 2009
    - Migration to Chimera and ACLs
    - Presentations by developers and storage support group, hands-on tutorials by storage support group
  - GridKa School, September 2009 (see next slide)

# dCache Training at GridKa School 2009

- GridKa School, September 2009:
  - Overall dCache introduction (overview, set-up of a VM for the course, installation, pool management and pool selection, ACL, SRM, tools for advanced dCache administration and trouble shooting)
  - Talks and hands-on tutorials by the storage support group
  - Evaluation:
    - Overall: 7.9 (out of 10.0)
    - Presentations: 8.0
    - Lab exercises: 7.9



## Future plans. Feedback?

- Trainings:
  - dCache workshop next spring
  - GridKa School 2010 (September 6<sup>th</sup> to 10<sup>th</sup>)
- Incident management
- Providing tools and add-ons

Please give us input on what you want or need!