

Bielefeld TA2-WP1

Künsemöller & Schwarz — status January 2025

- GLOW HPC Cluster — Storage upgrade led to system instabilities
Ceph compatibility issues (unfortunately not clear if a ceph or a firmware problem)
Considerable effort was spent to fix this (still ongoing)
- Operation of GLOW HPC Cluster including User Support & Training
- MeerKAT Data transfer from South Africa to GLOW HPC Cluster (typical single transfer 10 - 100 TB)
- Preparation of publication of GLOW pulsar data (metadata format defined and tested, file catalogue prepared, sort function on search results still under construction)
- Metadata catalogue (testing integration of astro data) — see presentation by Hubert
- Multicloud proposal submitted — see presentation Jörn remote
- ErUM-Data proposal Archiv of the Future submitted — see later on

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Künsemöller & Schwarz — plan 2025

- Make GLOW pulsar data available on Storage4PUNCH for the world
metadata catalogue and file catalogue are prepared
- open issues:
storage place with proper access right settings (xr- for all, xrw only of owner)
scientific publication with release description (first incomplete draft)
- Other data collections:
figure out what else to make available on the astro side
- Operation of GLOW HPC Cluster — User Support & Training
- Base4NFDI MultiCloud preparations ?
- GLOW Cluster Storage will be connected to FZJ Archive
(MoU, on policy, set up, and investments spool server, tapes and network connection is on its way)