

Integration of Grid and Local Batch Resources at DESY

> Consolidating Grid and local batch system into one **HTCondor LRMS**

> **Generic batch nodes:**

- Plain SL6/EL7
- Without local client software
- Easy scaling

> **Challenge:** user / group resource management

- Grid: static mapping
- Local batch users: Dynamic project selection w. automatic UID/GID mapping
- Support for multiple storage classes with differing authorization approaches

> Kerberized HTCondor with AFS token delegation

> Consolidated LRMS **monitoring** and **management**

- Harmonized Icinga/Grafana integration

> Final Condor flock: ~20k cores

