

FIDIUM 2.0 - Plans & Prospects @ KIT

Manuel Giffels



Plans & Prospects @ KIT

Federated Infrastructures: [1 FTE]

- Advancement & Support of COBaLD/TARDIS
 - Sustainability & Climate Neutral Compute (Wind energy) (→ Industry?)
 - Energy cost aware resource scheduling (→ Bonn)
- AUDITOR / APEL / WLCG integration (→ Freiburg, Wuppertal?)

Data Lake & Caching: [0.67 FTE]

- Planning and simulation based on SimGrid & WRENCH
- Data locality aware scheduling

Analysis Cluster & GPUs: [0.67 FTE]

- Seamless interplay of Federated Infrastructures and Analysis Clusters / GPUs using Dask / Apache Spark