# Batch computing at the National Analysis Facility

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**4.12.2007**

**Kick-off Workshop**
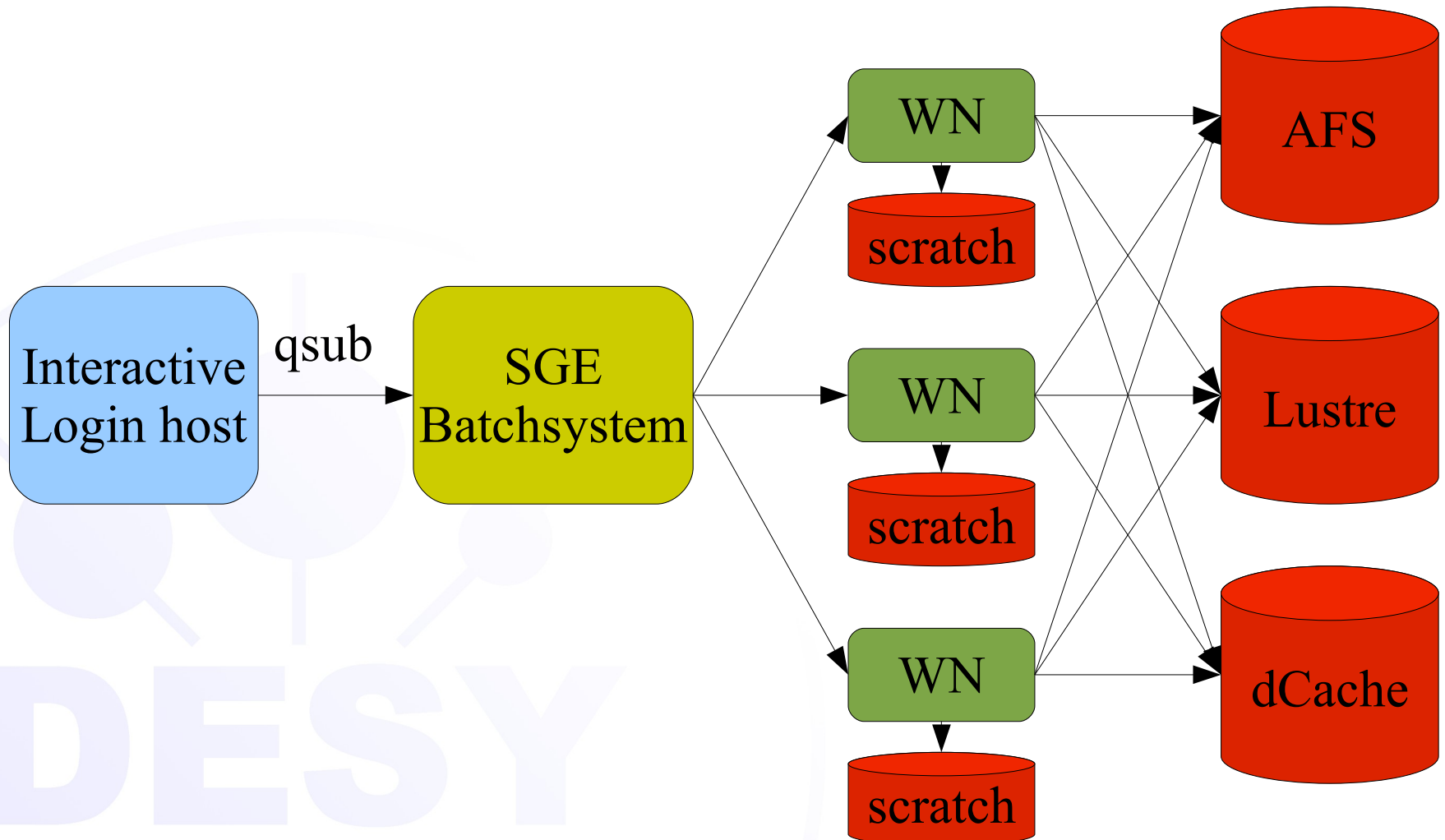
**Physics at the Terascale**

# Overview
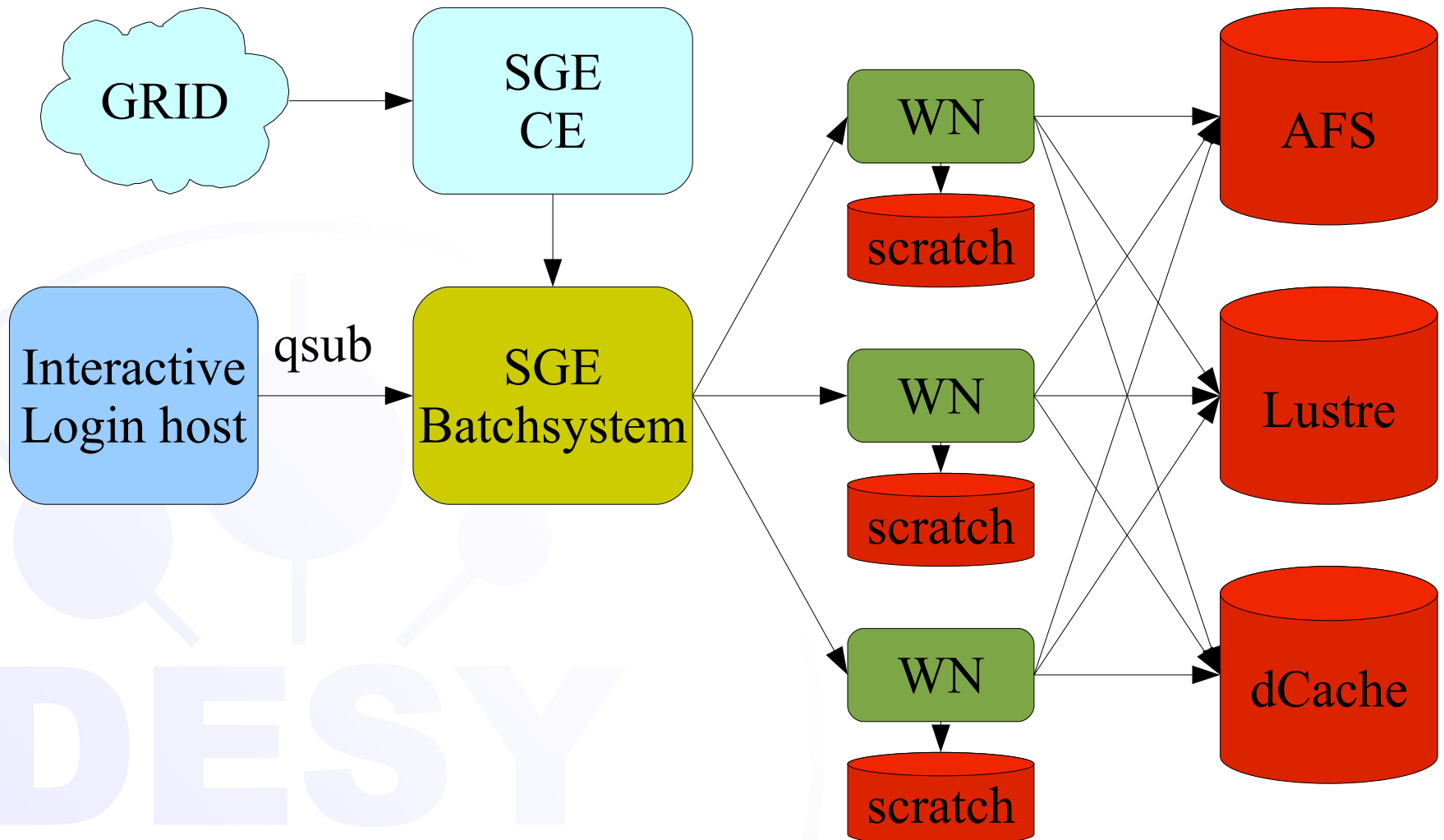
# Long term plan

# Comparison between two batch models

- **Put WNs into Tier2 cluster, give German groups higher fairshare**

  - **Pros:**

    - Seamless integration into experiment's workflow

    - Ready right now!

  - **Cons:**

    - WNs will have same setup as all other

- **Put WNs into NAF SGE batch system with CE for German users only**

  - **Pros:**

    - WNs could differ from „normal" grid WNs

    - More flexible

  - **Cons:**

    - By now CE can not be integrated correctly into Grid Information System

    - Experiment's workflow would probably not work -> experiment software installation problematic

# Summary

- **SGE batch system**

- **Only local job submission first**

- **NAF Grid batch resources will be provided by extending the DESY Tier2 sites first**

    - **Proven to work „out of the box"**

    - **German experiments get appropriate higher fair share**

    - **Long term solution: Grid access to NAF SGE batch system**