

# WLCG TEG: Data Management

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# Data Management, In General

- Data Management is *tough*.
  - Difficult to do properly. Difficult to define what “properly” is!
  - Most tools are designed under the assumption that storage is reliable and data loss is an exception. I don’t believe in this assumption.
  - Data management techniques are highly integrated with the experiment mindset: extremely little overlap outside transfer management.
- Wish us luck.

# Areas of Work

- Review of demonstrators from 2010.
- Data placement (policy-based or dynamic)
- Data transfer management (FTS)
- Transfer and WAN access protocols (HTTP, xrootd, gsiftp).
- Management of namespaces and catalogues.
- Understanding security requirements/needs.

# WLCG Mandate

- Our mandate is similar to the other groups.  
Highlights, as I see them:
  - Design a strategy that can guide the WLCG for the next 2-5 years.
  - Find commonalities and understand differences between experiments.
    - Expand on the commonalities as much as possible, but respect the fact that .

# Organization

- Status: Disorganized. (The chairs of the group were finalized yesterday).
  - This is going to change rapidly; we just need to keep up.
  - There were about 12 people “volunteered” (whether they are currently aware of this or not) for this group, representing CMS, OSG, EGI.eu, NGDF, CERN, LHCb, ALICE, ATLAS, and European sites.
    - Hopefully this provides us with a broad enough cross-section of the necessary organizations.

# Participation

- We'll be organizing the traditional "WLCG way":
  - Mailing lists, biweekly meetings, and a handful of face-to-face
  - You know the drill!
  - As mentioned on the previous slide, we'll be ramping up this month. More details will be available next month.