IS, benchmarking, accounting

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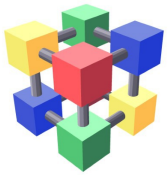
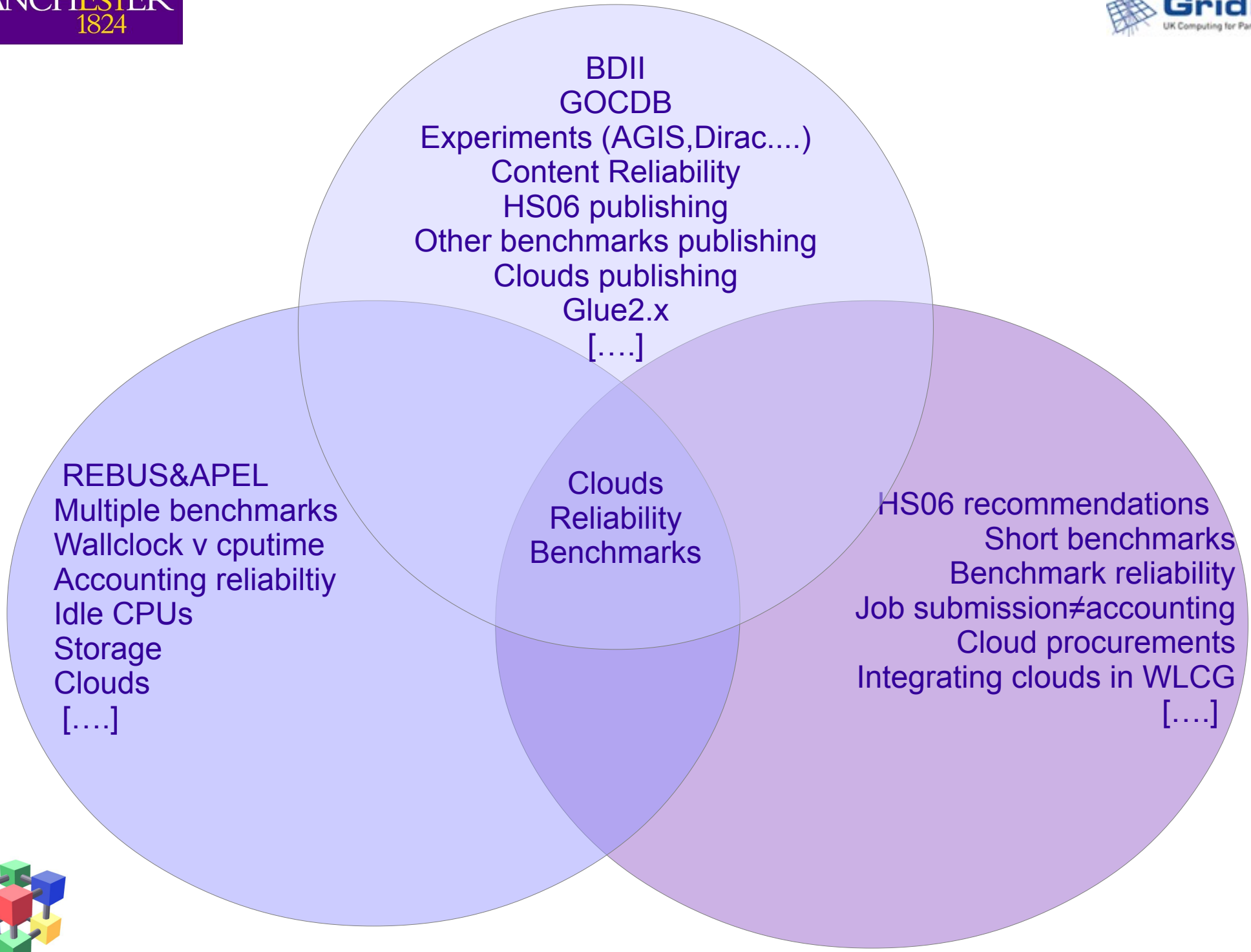
Lisbon, WLCG workshop

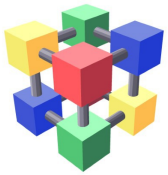
1 February 2016




BDII
GOCDB
Experiments (AGIS,Dirac....)
Content Reliability
HS06 publishing
Other benchmarks publishing
Clouds publishing
Glue2.x
[….]
REBUS&APEL
Multiple benchmarks
Wallclock v cputime
Accounting reliabiltiy
Idle CPUs
Storage
Clouds
[….]
Clouds
Reliability
Benchmarks
HS06 recommendations
Short benchmarks
Benchmark reliability
Job submission≠accounting
Cloud procurements
Integrating clouds in WLCG
[….]

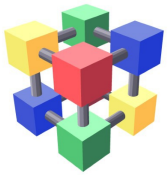
Information System
(Maria Alandes)

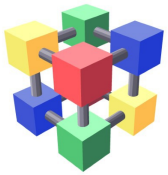
- Many sources, sometimes unreliable
  - Do we need an aggregator for WLCG?
- What about the sites?
  - BDII is OTT for WLCG requirements
- Major issue is benchmark values and logical CPU publishing
  - Benchmark definitions and publishing recommendations
  - APEL/REBUS consumers of this info too



Benchmarking
(Helge Meinhard, Manfred Alef)

- No new industry standard benchmark
  - HS06 still the best bet for private resources
- Short jobs benchmarking
  - Commercial cloud procurements
  - Site tuning pilot and payload submission
  - Is it in line with HS06?
  - Can we extend its usage?



Accounting
(John Gordon)

- Accounting reliability
  - Benchmarking values and publishing
- Cloud integration
- Walltime vs cputime
  - Are we looking at the wrong metric?
- What else do we need to account?
- Do we need anything more precise?