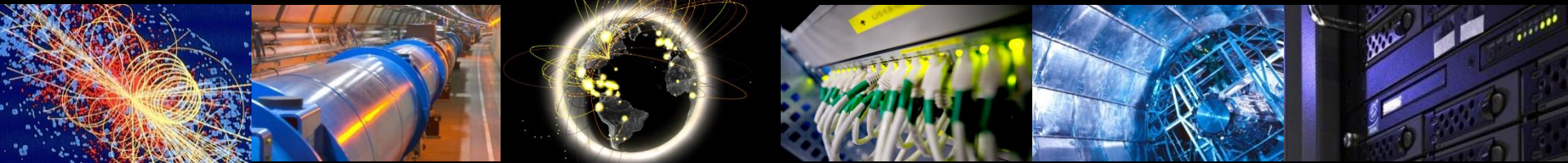# WLCG Working Groups & Task Forces

Ian Collier

ian.collier@stfc.ac.uk

STFC Rutherford Appleton Laboratory

GridPP 37, Ambleside, August 31st 2016

WLCG
Worldwide LHC Computing Grid

CERN

WLCG Development Work

- Operational Coordination
- Task Forces
- Working Groups
- HEPiX & other input

Operational Coordination

- Not going to discuss in any detail

- Has evolved into very mature oversight of operational matters

- GridPP a valuable participant

WLCG Task Forces

- Convened for specific task – rooted in operational requirements
  - https://wlcg-ops.web.cern.ch/ops-coordination/task-forces
  - "Task forces are created to deal with specific operational issues in a timely manner. They have a concrete goal and are supposed to be completed within a certain period of time."
  - GridPP leadership and participation makes a valuable contribution

WLCG Task Forces - current

- WLCG Accounting

- WLCG Information System Evolution

- Multicore deployment

- IPv6 validation and deployment

- Squid Monitoring

- Machine/Job Features

- WLCG HTTP Proxy Discovery

WLCG Task Forces - complete

- [CVMFS deployment](#)
- [FTS3 integration and deployment](#)
- [HTTP Deployment](#)
- [gLexec Deployment](#)
- [perfSONAR deployment (link is external)](#)
- [Scientific Linux 6 migration](#)
- [SHA2 migration](#)
- [Tracking tools evolution](#)
- [WMS decomissioning](#)
- [Xrootd deployment](#)

WLCG GDB Working Groups

- "The GDB may start and stop working groups when needed to address technical issues."
  - Broader scope than TFs
  - Current
    - Tracebility & Isolation
    - Security Operations Centre
    - Middleware Readiness
    - Argus Future – not quite WG but spawned from GDB

Other activities

- HEPiX Working Groups
  - IPv6
  - Benchmarking
  - Storage
- Looser themed activity
  - Lightweight sites a good current examples

Bigger Projects

- Some activities grow beyond scope of either WGs or TFs
- HEP Software Foundation
  - http://hepsoftwarefoundation.org
  - "The HEP Software Foundation (HSF) facilitates coordination and common efforts in high energy physics (HEP) software and computing internationally."
- DPHEP
  - Working towards sustainable Data Preservation in High Energy Physics
  - http://www.dphep.org/

Questions?