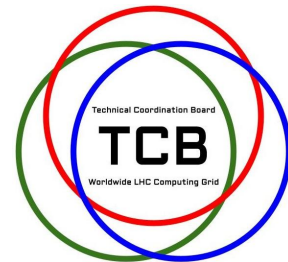




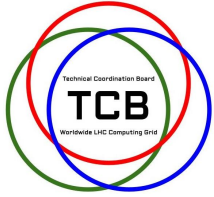
WLCG

Worldwide LHC Computing Grid



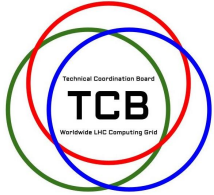
WLCG Technical Coordination First Steps

A. Di Girolamo (CERN) and J. Letts (UCSD)
WLCG MB - October 15, 2024



Mandate & Membership

WLCG Technical Coordination

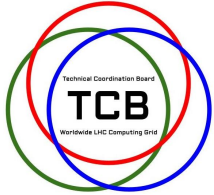


WLCG MB appointed us as WLCG Technical Coordinators and tasked us with drawing up the charge for the Technical Coordination Board, which should be endorsed by the WLCG MB.

3.1. The WLCG Technical Coordination Board (TCB) is responsible for the technical evolution of WLCG services in line with the needs of the experiments and the capabilities of the infrastructure providers. The TCB defines a multi-year roadmap for such evolution and is responsible for its implementation. The TCB achieves these goals with a bottom up approach through an Open Technical Forum (OTF) which welcomes the participation of all contributors to the technical evolution in the WLCG community. The TCB may establish ad hoc technical working groups and projects as deemed necessary to accomplish its responsibilities. The MB appoints the chair(s) of the TCB, for a period of four years and endorses its composition. The members of the TCB should include representatives from the WLCG experiments, infrastructure and technology providers.

Draft of WLCG MoU Annex 3.1, shown at the July WLCG MB#319 [[Indico](#)].

Technical Coordination Board Charge



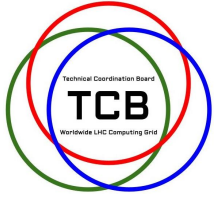
The [draft charge](#) was circulated to the MB early this month for comments. A [pdf](#) is attached to today's agenda.

→ We would like to ask for endorsement of the document by the MB today.

Outline:

- Purpose and: **Facilitate coordination** for the technical challenges of LHC experiments, WLCG associate partners, and facilities over the next 5-10 years.
- Objectives: Make a **gap analysis** and **produce and maintain** a detailed technical roadmap for the evolution of services and sites.
- Authority and Decision-making: Building **consensus** through an Open Technical Forum.
- Composition and Governance: Please see the [following slides](#).
- Reporting: Advising the MB and contributing to the WLCG RRB reports.
- Duration: To be determined ...

Membership of the TCB



Part of the membership is *ex-officio*:

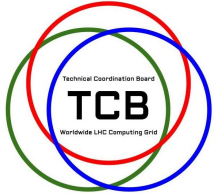
- Two WLCG Technical Coordinators (Ale & James)
- Experiment computing coordinators or their delegates from the WLCG experiments (ATLAS, CMS, ALICE, LHCb, and associated partners, e.g. DUNE)

The rest of the membership should represent “computing infrastructure providers (including computing centers, developers, workflow and data management system experts, and industry partners), and other relevant stakeholders ... ensure broad representation across different regions and expertise areas relevant to the technical challenges of the WLCG”

- We would like liaisons from HEPiX, OSG, EGI, et al. but these roles could be combined with other representation. **Our goal is to have a small enough board to be functional and productive but still be open, inclusive, and regionally diverse.**
- We have already received some self-nominations and nominations from regional representatives in the MB.

Reminder: the role of the TCB members is to draft the WLCG technical roadmap using a bottom-up approach, bringing the community together. Drafts will be iterated with the OTF to ensure all relevant inputs are considered.

TCB Member Profiles



Call for TCB members - Influencers in Technology Evolution for Facilities, Storage, Compute, Workflow & Data Management

*As a member of the WLCG Technical Coordination Board (TCB), your role is to **provide strategic guidance** and expert input based on your experience participating and/or leading R&D efforts and engaging with funding agencies. Your expertise in the technological evolution of facilities, compute and storage technologies, and data/workflow management will be key in aligning the WLCG technical roadmap with both current and future needs.*

*You will contribute by offering a broad perspective on the technical and resource challenges WLCG faces, **participating in the development and editing of the roadmap**, and ensuring that it reflects the most relevant and impactful R&D projects. Your ability to **influence and shape discussions** at the funding level is critical to evaluate and understand the support and resources needed and possibly available to realize the technical evolution of the WLCG, while balancing the diverse priorities of funding agencies.*

Your role will help shape the long-term sustainability and success of the WLCG's technical objectives.

We are seeking colleagues with strategic vision, results-driven, and able to build consensus.

Administrative Matters

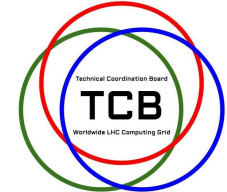


There are 3 new e-groups:

- **wlwg-technical-coordinators** (to contact Ale & James)
- **wlwg-technical-coordination-board** (currently with ex-officio members included only, to be populated with the membership of the TCB)
- **wlwg-open-technical-forum** (currently empty, for auto-subscription)

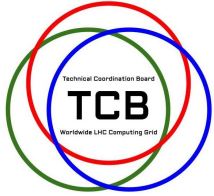
and two new (empty) Indico categories:

- WLCG Technical Coordination Board: <https://indico.cern.ch/category/18888/>
- WLCG Open Technical Forum: <https://indico.cern.ch/category/18889/>



Meeting Schedule

First Open Technical Forum

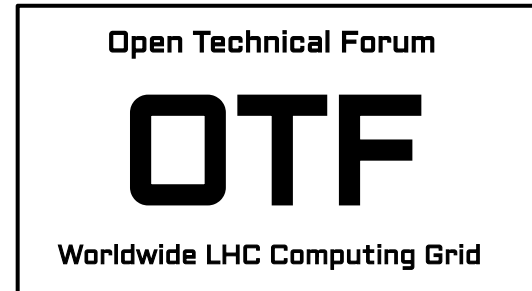


We spoke with the DOMA conveners last week and agreed to try to co-schedule the first OTF meeting with the next DOMA General Meeting on November 13th in the afternoon (which is also same day that the next GDB would have taken place)

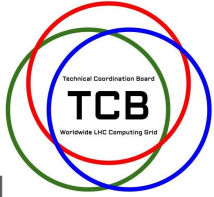
Agenda to be determined, we will aim for about 4 hours in length, hybrid meeting: Zoom, and in the CERN-IT conference room, which was already reserved.

Possible topics to focus on (besides the DOMA part): tokens, CVMFS

Agenda and meeting announcement very soon, if we all concur.



Subsequent Meetings of the OTF



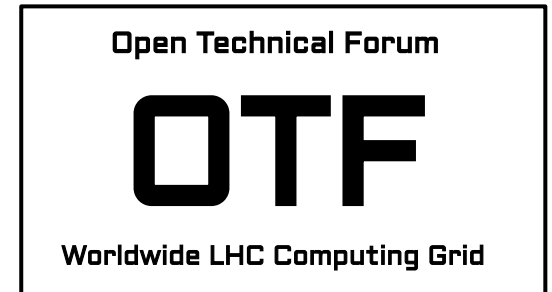
December 11-13th we have the WLCG Sustainability Workshop [[Indico Category](#)].

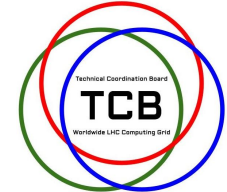
We could try to schedule an OTF and/or a TCB meeting during that week.

Rather than have all-day single-day meetings, we are thinking to hold future OTF Meetings over two days (e.g. Tuesday and Wednesday afternoons), about six times a year, possibly co-scheduled with or near other events, if practical, e.g.

- First week of February: ATLAS and CMS software and computing weeks
- ISGC in Taiwan, March 16-21, 2025 [[Indico](#)]
- HEPiX Spring Workshop?
- WLCG Workshop
- Mid-end of June

Many possibilities ...





Comments or Questions?