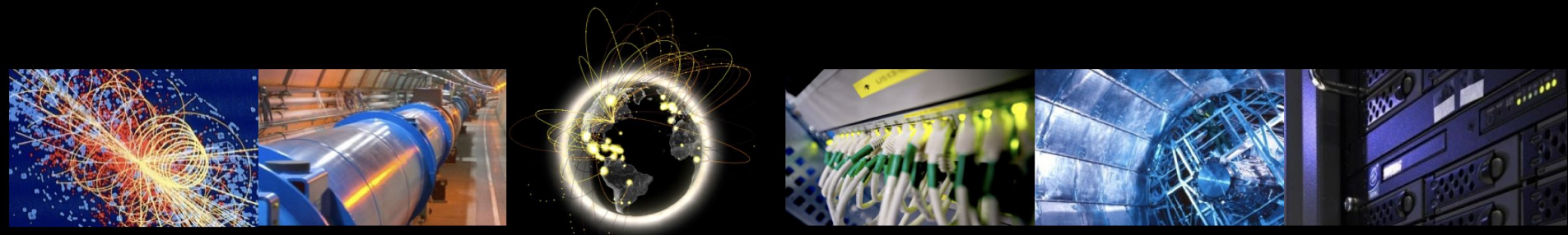# GDB Introduction

Josep Flix [PIC/CIEMAT]

Mattias Wadenstein [University of Umeå]

GDB, 11th May 2022: 1st Hybrid meeting (post)-Covid

Meeting Details (Covid-19 matters)

CERN & Covid-19 : What's new this week

https://hse.cern/covid-19-information

COVID-19: CERN is on Level 1 - Green from 14.3 / CERN est au niveau 1 - Vert à compter du 14.3.

HIGHLIGHTED UPDATES

Please read through all the sections marked *New-Date* for the most recent changes. Highlighted below are the most important updates.

CERN is on Level 1 - Green from 14th March

Main changes:

- Basic hygiene measures of hand washing and disinfecting still apply;
- Masks are no longer mandatory unless otherwise specified, for example in CERN Shuttles. Please respect colleagues who choose to continue wearing masks;
- 1.5 m distancing must be respected in offices;
- **Meeting rooms are back to full capacity,** with fresh air ventilation recommended;
- On-site working is the norm with teleworking possible according to OC7: https://cds.cern.ch/record/2779005/files/Operational_circular%20no7_Rev.2_EN.pdf, which allows 40% of contractual hours of telework in any two-week period. In case of specific needs, such as vulnerabilities for example, members of personnel should discuss individual arrangements with their supervisor;
- It is no longer obligatory to carry proximeters, though you should keep yours safe in case it is needed in the future;
- If you have symptoms, have tested positive for COVID-19 or are a close contact, you must still declare on TRAMED (https://tramed.web.cern.ch), and follow the instructions you will be provided with by the Medical Service. You are also expected to follow the quarantine and isolation rules applicable in your Host State of residence.

Meeting Details (Covid-19 matters)

Today: 1st Hybrid GDB meeting, since the Covid started…

Unfortunately, I cannot be at the IT-auditorium today, Mattias has managed to be present there today

Expect future pre-GDBs and GDBs to run in this Hybrid format, since travels and use of CERN rooms are permitted these days

Meeting summaries

The co-chairs try to take notes for the meetings, but sometimes we are busy running the meeting the notes can possibly be lacking (**in fact they are!**):

https://twiki.cern.ch/twiki/bin/view/LCG/WLCGGDBDocs

- if **you take notes, please share them with us**, so we can merge the information and make the summaries more complete

- We **record** the sessions ●LIVE as we integrate the videos into the agenda as well

Today's topics

IPv6 Working Group status [David Kelsey]

<div style="text-align:center">_{Morning}
_{Afternoon}</div>

WLCG Monitoring Task Force update [Borja Garrido / Shawn McKee]
HEPIX Spring 2022 summary [Tony Wong]
Tape Challenge Results (conclusions and future directions) [Xin Zhao]
Transition from Singularity to Apptainer [Dave Dykstra]
Token transition in OSG status [Brian Lin / Brian Bockelman]

→ **Thanks in advance to all of today's speakers!**

Next pre-GDBs / remote GDBs

Kubernetes for WLCG: June 7th

Discussion on Kubernetes within the WLCG scope. Chaired by: Alastair Dewhurst, Alessandra Forti, Timothy Noble - **Hybrid** → https://indico.cern.ch/event/1096043/

DPM: next steps/actions by regions?

[follow-up with regions] - interest in a pre-GDB based on feedback after recent GDB talks?

CTA migrations

[follow-up from November 2021 pre-GDB] - get together and discussions from sites migrating or already migrating to CTA, CTA and Storage Services developers

Archival Storage

We had a fairly hardware-focused pre-GDB last year, time for a new GDB, maybe with more focus on services and delivery?

CernVM/cvmfs workshop September 12th-14th

Will include a co-located in-person/hybrid GDB on the 14th.
https://indico.cern.ch/event/1079490/

pre-GDBs/GDBs organization

Please consider <u>using</u> pre-GDB lots to organize topical sessions!

Let Mattias and myself know if you have topics to bring to the thematic pre-GDBs or GDBs

Also, let us know if you would like things to happen/improve!

You can email us or use the **GDB mattermost channel**:

https://mattermost.web.cern.ch/wlcg-gdb/channels/wlcg-gdb

Upcoming meetings

DIRAC workshop (virtual): 9-10 May 2022 [link]

HSF Workshop on Analysis 2022: 23-25 May, IJCLab, Orsay [link]

HTCondor Week: 23-26 May 2022, Madison, USA [link]

WLCG Workshop 2022* [Hybrid form †]

* Focus on the evolutions of the facilities, and how they will support the future workflows and needs of the experiments
* September 26-30
Logistics:
(1) we would need space for ~150 people (but it could end up being lower) and we would need to allow some sort of hybrid workshop (with remote attendees)
(2) we would need flexibility (we could cancel last minute depending on the pandemic)
(3) we would need to be reachable in a simple way (near a relatively big airport or reachable by car, no tight quarantine restrictions – even if these are difficult to predict now)
→ **Anyone who has a proposal should contact S. Campana**

Thematic CERN School of Computing on Security 2022: 19-25 Jun 2022, Split, Croatia [link]

Main CERN School of Computing 2022: 28 Aug.-10 Sep. 2022, Krakow, Poland [link]

Nordunet conference 2022: 13-15 Sept. 2022, Reykjavik, Iceland [link]

PyHEP 2022 (virtual): 12-16 Sept. [link]

CernVM workshop (including GDB): 12-14 Sept. 2022, Amsterdam, Netherlands [link]

HTCondor and ARC token hackathon: 15-16 Sept. 2022, Amsterdam, Netherlands

Future Trends in Nuclear Physics Computing: 28-30 Sept. 2022, Stonybrook University, USA

HTCondor Workshop Autumn 2022: 10-13 Oct. 2022 (aim for an in-person workshop - finalising details)

LHCOPN/LHCONE Workshop: 24-25 Oct. 2022 [link]

ACAT 2022: 24-28 Oct. 2022, Bari, Italy [link]

➡ Anything we've missed, let us know & we'll add it to the slide

* Please, refer to the HSF calendar for detailed meetings info: https://hepsoftwarefoundation.org/future-events.html

Distributed Computing: A historical perspective

Some of you may be interested in a series of 3 Zoom lectures on **"Distributed Computing: A historical perspective"** that will take place on May 11-13, 16:00-17:30 CEST each day:

→ https://indico.cern.ch/event/1052073/
   The Network(s) [Ben Segal]

→ https://indico.cern.ch/event/1052076/
   Email and the Web [Maria Dimou & Nathaniel Borenstein]

→ https://indico.cern.ch/event/1052077/
   The Shift and Grid projects [Frédéric Hemmer & Les Robertson]

The webcasts that are foreseen should be publicly accessible, as well as the recordings that are expected to get uploaded some time after the events

Questions?

GDB indico category: https://indico.cern.ch/category/6890/