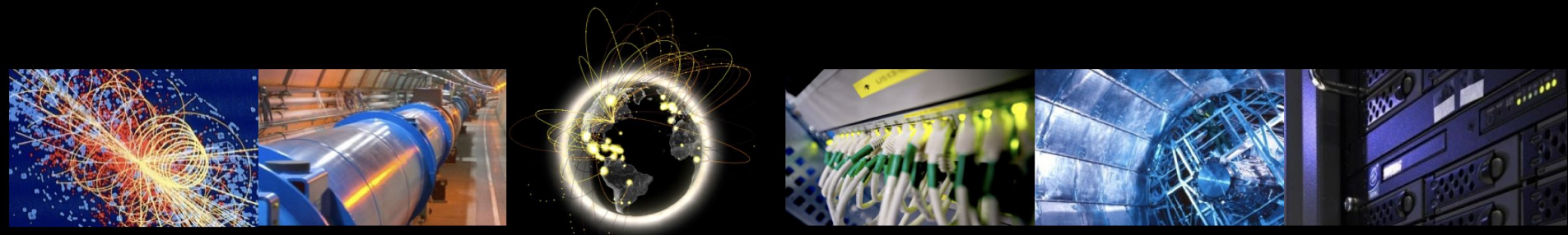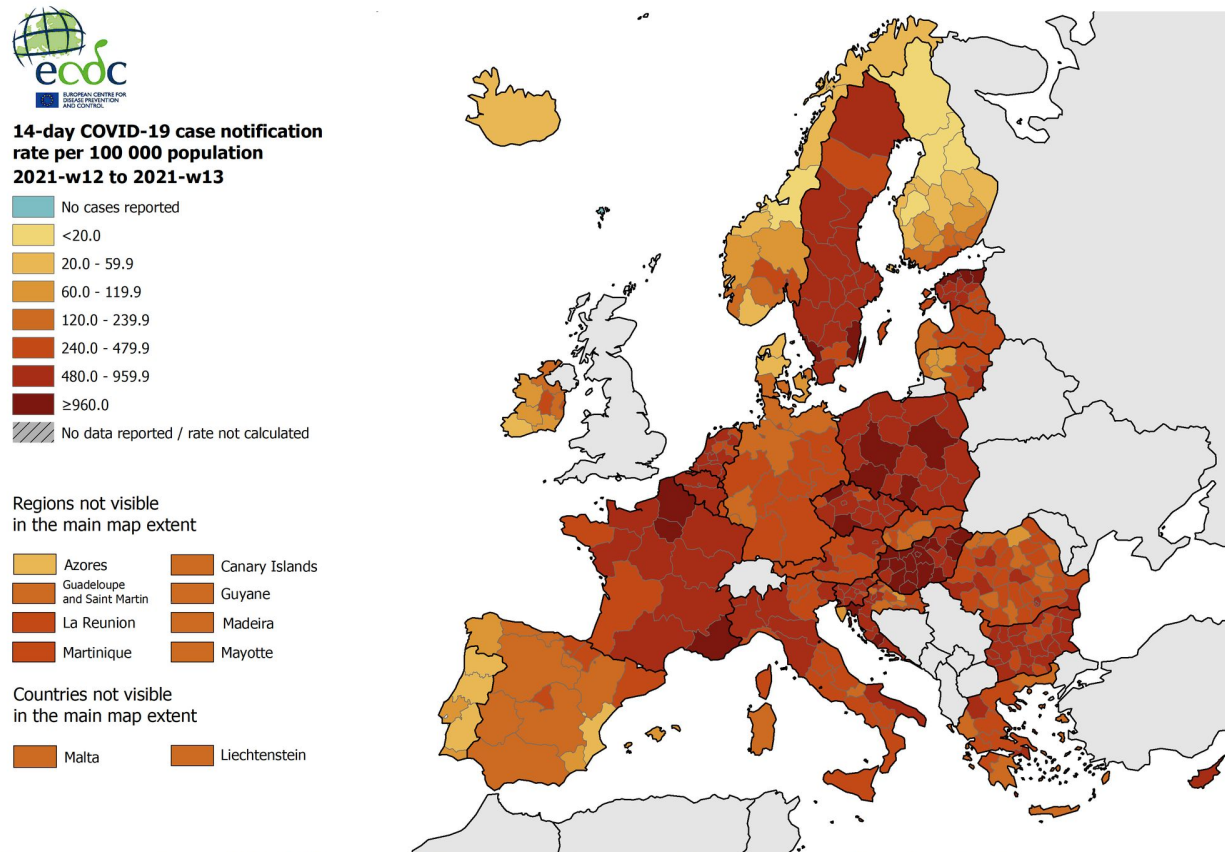# GDB Introduction

Josep Flix [PIC/CIEMAT]

Mattias Wadenstein [University of Umeå]

GDB, 14th April 2021: virtual meeting

Meeting Details (Covid-19 matters)

The pandemic is still ongoing, with various situations in different countries...
We are at the door of the next wave while people is getting vaccines...

Meeting Details (Covid-19 matters)

Face to face **meetings should be avoided** wherever possible

For the moment, expect to have the next GDBs and pre-GDBs as remote-only meetings

The most important thing for you, your relatives and friends is **to stay healthy!**

CERN & Covid-19 : What's new this week
https://hse.cern/covid-19-information

Meeting summaries

The co-chairs try to take notes for the meetings, but since we sometimes might be busy running the meeting the notes can possibly be lacking:

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 started **recording** the sessions 🔴LIVE so we can integrate the videos into the agenda as well

→ **Some of the videos available for 2021 (uploading & processing 2020)**

Today's topics

Accounting Taskforce report for new benchmarks
- *WLCG Ops perspective*
- *APEL perspective*

Operational Intelligence: status and future directions
Activities around Kubernetes in the CNCF Research User Group
CRIC status in DUNE

Morning
Afternoon

5th EOS Workshop summary
HEPiX Spring 2021 Workshop summary
Using Hashicorp's Vault software as a service for managing tokens
Future Linux Distribution Scenarios update

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

Next pre-GDBs

7th-8th June 2021 **[2-days]**

[as proposed by Edoardo Martelli and Stefano Zani]

Data-centre network architectures, where sites could present their plans and ideas for data-centre networks that integrate with server automation tools

Agenda: https://indico.cern.ch/event/1028690/ **[looking for speakers!]**

October 2021 **[2-days]**

[as part of OSG workshop, proposed by Frank Wuerthwein]

Workshop on token and webdav transitions

Before summer 2021

[as proposed by WLCG MB]

How WLCG plans to **integrate the use of accelerators** (GPUs / FPGAs)?

Link to organization/plan Doc:
https://docs.google.com/document/d/1JRGtkH3Tirl3DZ5teF-c3e0unTAzTjButxXJUvAOTX0/

accelerators

+info

At the WLCG MB it was discussed how WLCG plans to integrate the use of accelerators **(GPUs / FPGAs)**

Some pioneering activity is very important to prepare for the time when we would need to buy a large capacity of these resources, and we will need to discuss not only how we pledge them and account them, but also how they are offered and how they interface with our workload systems

Today we will hear about the Accelerator Forum activities, which are more oriented to software development aspects, but we should also start collecting experience from the infrastructure side as well

A **pre-GDB** will be soon organized to address these issues

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

Miscellaneous

April 27th 2021: 15:00-18:30 CEST

[as proposed by Shawn, Alessandra, and Mario]

HL-LHC Data Challenge Monitoring: Mini-Workshop

Agenda being built: https://indico.cern.ch/event/1027287/

Upcoming meetings

DIRAC Workshop: 10th-11th May 2021 [link] [virtual]

vCHEP2021: 17th-21th May 2021 [link] [virtual]

HTCondor Week: 24th-28th May 2021 [link] [virtual]

8th Thematic CERN School of Computing Spring 2021: 14th-18th June 2021 [link] [virtual] ← **applications open (30th April - 40 max)!**

PyHEP 2021: 5th-9th July 2021 [link] [virtual]

SciPy 2021: 12th - 18th July 2021 [link] [virtual]

Nordunet Conference 2021: Postponed [link]

9th Thematic CERN School of Computing Autumn 2021: 11th-15th October 2021 **[virtual or in Split: +info in early June]**

EGI Conference 2021: 19th-21st October 2021 [link] [virtual]

ACAT 2021: 29th Nov. - 3rd Dec. 2021, IBS Science Culture Center, Daejeon, South Korea [link] **(physical: pending gov. auth)**

CHEP2022: 16th-20th May 2022, Norfolk, USA

Main CERN School of Computing 2022: 28th Aug. – 10th Sep. 2022, Krakow, Poland [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

Questions?

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

WLCG
Worldwide LHC Computing Grid

CERN