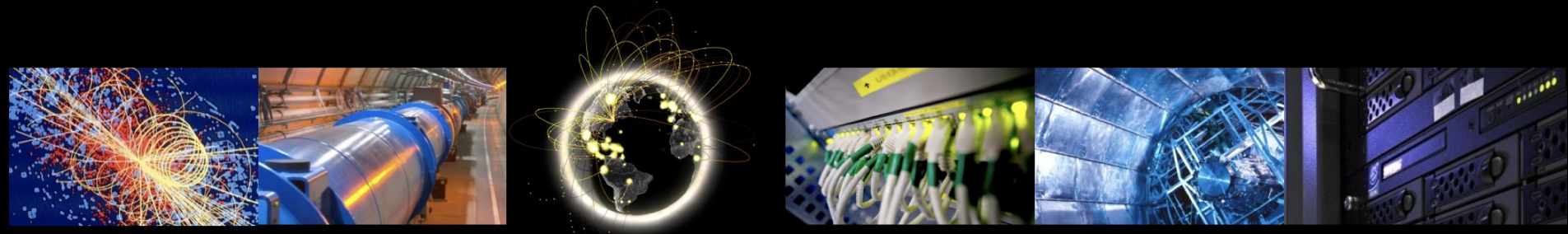# WLCG Workshop
Programme

Josep Flix [PIC/CIEMAT]
On behalf of the GDB steering committee

GDB, 14th September 2022 @Nikhef

WLCG
Worldwide LHC Computing Grid

CERN

WLCG Workshop 2022

The **WLCG Workshop 2022** will take place in *Lancaster University*, UK **[7th-9th November]**

The workshop is co-located with the **5th Rucio Community Workshop [10th-11th November]**

Thanks Roger and his team!

WLCG WS 2022: focus

The focus of the **WLCG Workshop 2022** is on how we foresee the evolution of **our infrastructure** towards HL-LHC
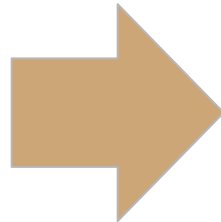
There are several **key aspects**:

- CWP set the roadmap: where we are? Do we need all we envisioned?
- Several things already occurred or ongoing: status reports
- Strategic views
- Updates and new paradigms?

Leave quite some **room for discussion** in the workshop

WLCG WS 2022: programme

The **GDB steering group** was appointed to define and build the WLCG Workshop 2022 **programme**

Name
COLLIER, Ian
FLIX, José
ANDREEVA, Julia (IT-GOV-ENG)
BETEV, Latchezar (EP-AIP-GTP)
BONACORSI, Daniele (EP-UCM)
CAMERON, David (EP-UAT)
COHEN, David (EP-UAT)
COLLIER, Ian (IT-GOV-ENG)
DI GIROLAMO, Alessandro (IT-GOV-ENG)
FLIX MOLINA, Jose (EP-UCM)
GIRONE, Maria (IT-GOV-INN)
JOUVIN, Michel
LASSNIG, Mario (EP-ADP-CO)
LIN, Brian Hua
LITMAATH, Maarten (IT-GOV-ENG)
MCNAB, Andrew (EP-ULB)
SOUTH, David (EP-UAT)
STEWART, Graeme A (EP-SFT)
WADENSTEIN, Erik Mattias (IT-GOV-ENG)
WISSING, Christoph (EP-UCM)
atlas-computing-coordinators

WLCG WS 2022: programme

The GDB steering committee **has collected feedback** from WLCG coordination, the experiments and many individuals

Two meetings have happened so far and we have defined the **main blocks** of the workshop

Conveners have been identified for almost all of the blocks

Some blocks have been filled with **particular topics** (talks)

We have identified **potential speakers** for some of the topics

* we don't foresee abstract submissions, but lot of discussion time

WLCG WS 2022: example DOMA

The programme contains a **DOMA block**

It will cover many topics, suchs as:

- Network-to-storage, transfer services, protocols (decommissioning of SRM for tape)...

- Discussion on the next data challenges, and which R&Ds should mature by then so that we can test them…

- Monitoring…

- Data Lake concept and its future adoption…
    - We also discussed the option to have this topic in the Facilities block (where we have already 'long-term storage evolution & consolidation' (s. next page). Can be sorted out, when composing the agenda

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WLCG WS 2022: blocks

Experiments introduction

- Evolution towards HL-LHC expected by the experiments

AAI and tokens

- Where we are? Missing elements? Roadmap...

DOMA

- *See previous slide*

HPC, cloud & opportunistic resources

- Common requirements, opportunities, strategic exploitation view…

Facilities

- long-term storage evolution & consolidation; HEPscore; new architectures (ARM, GPU, ...); operational cost reductions (K8s); flat budget, HW and electricity costs; analysis facility aspects

Miscellaneous

- Other sciences; relevant project results of interest for WLCG HL-LHC, …

WLCG WS 2022: WLCG CB

A **WLCG Collaboration Board** will occur during the Workshop

- The aim is to avoid any overlap with a session

- Most likely to occur in a reasonable schedule time (not after a busy working day)

- The main item will be the review of the MoU

WLCG WS 2022: agenda

The **indico page** is already available, with some information about the workshop:

https://indico.cern.ch/event/1162261/

The **blocks and sessions** will be displayed **soon this week**, so you can plan the travel accordingly

We plan to build the agenda to **maximize US-remote attendance** for some particular blocks

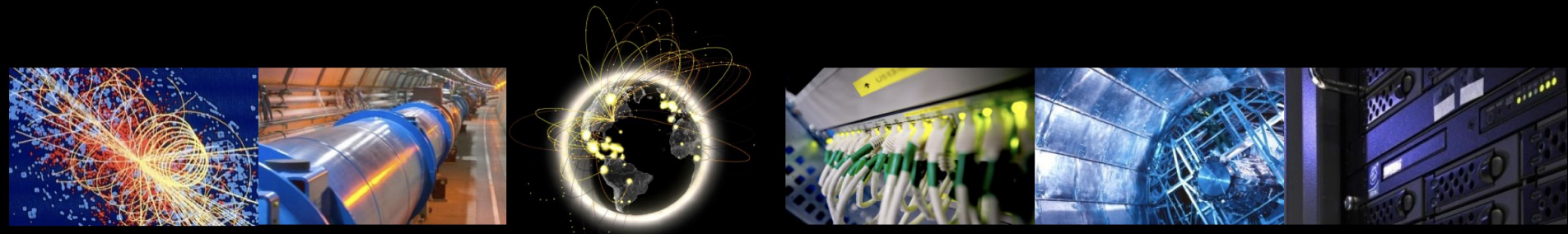**Registration** will open soon as well

WLCG WS 2022: inputs

We already collected **feedback** from many individuals…
Thanks!

If you have any **input/feedback** for the workshop, please contact the GDB chairs or any of the GDB steering committee members, so we can address it while building the agenda

WLCG WS 2022: others

The GDB steering committee will **meet regularly** to discuss other elements of the organization, such as defining chairs, recorders, note-takers, etc…

See you in Lancaster!

Questions?