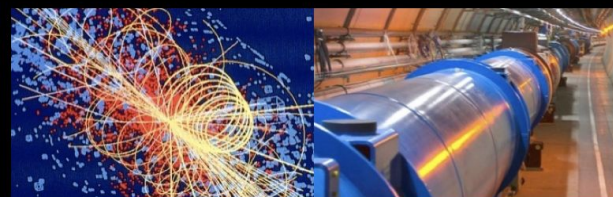


GDB Introduction

Josep Flix [PIC/CIEMAT]

Mattias Wadenstein [University of Umeå]

GDB, 07th November 2023: **Hybrid meeting**



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

→ [I adding videos](#) from recent GDBs (My apologies!)



Today's topics

11:00	→ 11:10	Introduction	🕒 10m	✎
		Speaker: Jose Flix Molina (CIEMAT - Centro de Investigaciones Energéticas Medioambientales y Tec. (ES))		
11:10	→ 11:30	GPU usage survey 2023	🕒 20m	✎
		Speaker: Jose Flix Molina (CIEMAT - Centro de Investigaciones Energéticas Medioambientales y Tec. (ES))		
11:30	→ 12:00	Rucio + Dirac Workshop 2023 summary ¶	🕒 30m	✎
		Speakers: Federico Stagni (CERN), Martin Barisits (CERN)		
12:00	→ 12:30	cvmfs 2.11 new features	🕒 30m	✎
		Speaker: Valentin Volk (CERN)		
12:30	→ 14:00	Lunch break	🕒 1h 30m	
14:00	→ 14:30	HEPIX Autumn 2023 summary	🕒 30m	✎
		Speakers: Ofer Rind (Brookhaven National Laboratory), Peter van der Reest (Deutsches Elektronen-Synchrotron DESY)		
14:30	→ 15:00	Security CERN School 2023 summary	🕒 30m	✎
		Speaker: Dr David Crooks (UKRI STFC)		
15:00	→ 15:30	pre-GDB Tapes summary	🕒 30m	✎
		Speaker: Alastair Dewhurst (Science and Technology Facilities Council STFC (GB))		

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

Tape pre-GDB

<https://indico.cern.ch/event/1225131/>

TUESDAY, 7 NOVEMBER			
10:00	→ 12:30	CERN: Early arrivals	
14:00	→ 14:10	Introduction Speaker: Alastair Dewhurst (Science and Technology Facilities Council STFC (GB))	⌚ 10m
14:10	→ 14:35	CTA status and plans (CERN update) Speaker: Richard Bachmann (CERN) CTA-status-and-plan...	⌚ 25m
14:35	→ 15:00	dCache Status and plans (DESY update) Speaker: Mr Tigran Mkrtchyan (DESY)	⌚ 25m
15:00	→ 15:30	Spectra Logic - Future of Tape Speaker: Mr Matt Ninesling (Spectra Logic)	⌚ 30m
15:30	→ 16:00	Break	⌚ 30m
16:00	→ 16:25	StoRM status and plans (INFN update) Speakers: Daniele Cesini (Universita e INFN, Bologna (IT)), Enrico Vianello	⌚ 25m
16:25	→ 16:40	ATLAS Data Carosel Speaker: Xin Zhao (Brookhaven National Laboratory (US))	⌚ 15m
16:40	→ 16:55	RAL site update Speaker: George Patargias	⌚ 15m
16:55	→ 17:10	FZK site update Speakers: Andreas Petzold (KIT - Karlsruhe Institute of Technology (DE)), Artur Il Darovic Gottmann (KIT - Karlsruhe Institute of Technology (DE))	⌚ 15m
17:10	→ 17:25	BNL site update Speaker: Shigeki Misawa (Brookhaven National Laboratory (US))	⌚ 15m
17:25	→ 18:00	Site round table / discussion	⌚ 35m

Tape pre-GDB

<https://indico.cern.ch/event/1225131/>



-25 physical attendees (+ -35 remote) → Thanks Alastair for the pre-GDB organization!

DC24 Workshop

<https://indico.cern.ch/event/1307338>

THURSDAY, 9 NOVEMBER

09:00 → 12:00 Thursday Morning Session: Experiments & Community Contributions

- 09:00 Welcome & Logistics** 10m
Speakers: Christoph Wissing (Deutsches Elektronen-Synchrotron (DE)), Mario Lassnig (CERN)
- 09:10 Introduction to DC24 and overall goals** 15m
Speakers: Christoph Wissing (Deutsches Elektronen-Synchrotron (DE)), Mario Lassnig (CERN)
- 09:25 LHCb** 20m
Speakers: Alexander Rogovskiy (Rutherford Appleton Laboratory), Christophe Haen (CERN), Concezio Bozzi (INFN Ferrara), Federico Stagni (CERN)
- 09:45 CMS** 20m
Speaker: Katy Ellis (Science and Technology Facilities Council STFC (GB))
- 10:05 Break** 30m
- 10:35 ALICE** 20m
Speakers: Latchezar Betev (CERN), Maarten Litmaath (CERN)
- 10:55 ATLAS** 20m
Speakers: Alessandra Forti (University of Manchester (GB)), Petr Vokac (Czech Technical University in Prague (CZ)), Shawn Mc Kee (University of Michigan (US))
- 11:15 DUNE** 20m
Speakers: Andrew McNab (University of Manchester), Doug Benjamin (Brookhaven National Laboratory (US)), Steven Timm (Fermi National Accelerator Lab. (US))
- 11:35 Belle II** 20m
Speaker: Silvio Pardi (Universita Federico II e INFN Sezione di Napoli (IT))

12:00 → 14:00 Lunch break 2h

14:00 → 18:00 Thursday Afternoon Session: Networks & Transfers

- 14:00 WLCG Monitoring** 20m
Speakers: Alessandra Forti (University of Manchester (GB)), Borja Garrido Bear (CERN), Derek Weitzel (University of Nebraska Lincoln (US)), Julia Andreeva (CERN), Shawn Mc Kee (University of Michigan (US))
- 14:20 FTS & Tokens** 20m
Speaker: Mihai Patrascu (CERN)
- 14:40 NOTED** 20m
Speakers: Edoardo Martelli (CERN), Maria Del Carmen Misa Moreira (CERN)
- 15:00 SENSE** 20m
Speakers: Diego Davila Foyo (Univ. of California San Diego (US)), Frank Wuerthwein (UCSD), Justas Balcas (California Institute of Technology (US))
- 15:20 Break** 30m
- 15:50 perfSONAR** 20m
Speakers: Marian Babik (CERN), Shawn Mc Kee (University of Michigan (US))
- 16:10 IPv6-Only Networking** 20m
Speakers: Bruno Heinrich Hoeft (KIT - Karlsruhe Institute of Technology (DE)), David Kelsey (Science and Technology Facilities Council STFC (GB)), Duncan Rand (Jisc), Edoardo Martelli (CERN), Tim Chown
- 16:30 Packet marking** 20m
Speakers: Marian Babik (CERN), Shawn Mc Kee (University of Michigan (US))
- 16:50 TCP BBRv3, Jumbo Frames And Packet Pacing** 20m
Speakers: Brian Tierney (ESnet), Edoardo Martelli (CERN), Eli Dart, Maria Del Carmen Misa Moreira (CERN), Shawn Mc Kee (University of Michigan (US)), Tim Chown

Thanks to Mario, Christoph, Simone and Cath for the organization!

DC24 Workshop

<https://indico.cern.ch/event/1307338>

FRIDAY, 10 NOVEMBER		
09:00 → 12:35 Friday Morning Session: Storage & Data Management		
09:00	XRootD (REMOTE) Speakers: Andrew Bohdan Hanushevsky (SLAC National Accelerator Laboratory (US)), Wei Yang (SLAC National Accelerator Laboratory (US))	🕒 20m
09:20	Metadata for tape Speaker: Julien Leduc (CERN)	🕒 20m
09:40	Common Rucio data injection tool Speaker: Mario Lassnig (CERN)	🕒 20m
10:00	Storage & Tokens Speaker: Petr Vokac (Czech Technical University in Prague (CZ))	🕒 20m
10:20	Break	🕒 30m
10:50	StoRM Speakers: Daniele Cesini (Universita e INFN, Bologna (IT)), Enrico Vianello, Francesco Giacomini (INFN CNAF)	🕒 20m
11:10	dCache Speaker: Mr Tigran Mkrtchyan (DESY)	🕒 20m
11:30	EOS Speaker: Andreas Joachim Peters (CERN)	🕒 20m
11:50	US CMS Pre-Challenge Speaker: Garhan Attebury (University of Nebraska Lincoln (US))	🕒 20m
12:10	HPC Data Challenge Speaker: David Southwick (CERN)	🕒 20m
12:30 → 14:00	Lunch break	🕒 1h 30m
14:00 → 18:00 Friday Afternoon Session: Overflow & Discussions		
14:00	Discussion Placeholder	🕒 4h

pre-GDBs/GDBs organization

Please consider using 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

Julia HEP Workshop, 6-9 Nov. 2023, Erlangen (ECAP), Germany [\[link\]](#)

Software Basics training, 13-14 Nov. 2023 (Virtual) [\[link\]](#)

Python for Analysis training, 22 Nov. 2023 (Virtual) [\[link\]](#)

ACAT 2024, 11-15 Mar. 2024, Stony Brook University, Long Island (USA) [\[link\]](#) [Submit new abstract](#)

ISGC 2024, 25-29 Mar. 2024, Taipei, Taiwan [\[link\]](#) [Submit new abstract](#)

HEPIX Spring 2024, 15-19 Apr. 2024, CEA Paris-Saclay, France

DIRAC Users' Workshop, 27-29 May 2024, Lyon, France [\[link\]](#)

HTCondor workshop in Europe, 23-27 Sep. 2024, NIKHEF, The Netherlands [tentative dates]

6th Rucio Community Workshop, 30th Sep. to 4th Oct., San Diego SC, US [\[link\]](#)

CHEP 2024, 19-25 Oct. 2024, Krakow, Poland

➔ 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/>

