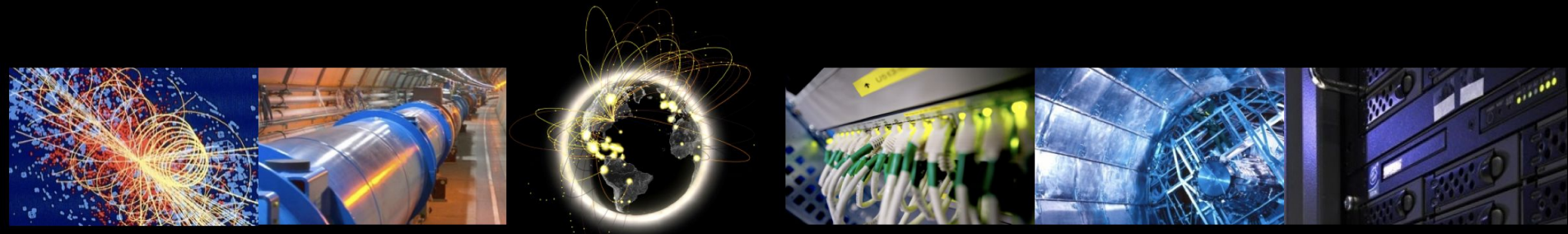


“Final GDB” Introduction

Josep Flix [PIC/CIEMAT]

Mattias Wadenstein [University of Umeå]

GDB, 11th September 2024: **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

→ All of the video uploads are up-to-date



Today's topics

11:30	→ 12:00	Introduction	🕒 30m	✎
		Speaker: Jose Flix Molina (CIEMAT - Centro de Investigaciones Energéticas Medioambientales y Tec. (ES))		
12:00	→ 12:30	TAPE REST status	🕒 30m	✎
		Speaker: Petr Vokac (Czech Technical University in Prague (CZ))		
12:30	→ 13:00	Tokens transition update	🕒 30m	✎
		Speaker: Maarten Litmaath (CERN)		
13:00	→ 15:00	Lunch break	🕒 2h	
15:00	→ 15:30	Network tagging	🕒 30m	✎
		Speaker: Edoardo Martelli (CERN)		
15:30	→ 16:00	WLCG Technical Coordination Board (TCB) and Open Technical Forum (OTF)	🕒 30m	✎
		Speakers: Alessandro Di Girolamo (CERN), James Letts (Univ. of California San Diego (US))		

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

Upcoming meetings

FTS/XrootD Workshop 2024, 9-13 Sep. 2024, STFC, Abingdon UK [\[link\]](#)

CernVM-FS Workshop, 16-18 Sep. 2024, CERN [\[link\]](#)

HTCondor workshop in Europe, 24-27 Sep. 2024, NIKHEF, The Netherlands [\[link\]](#)

7th Rucio Community Workshop, 30th Sep. to 4th Oct. 2024, San Diego SC, US [\[link\]](#)

LHCOPN-LHCONE meeting #53, 9-12 Oct. 2024, IHEP Beijing, China [\[link\]](#)

CHEP 2024, 19-25 Oct. 2024, Krakow, Poland [\[link\]](#)

HEPIX Autumn 2024 Workshop, 4-8 Nov. 2024, Norman, Oklahoma, USA [\[link\]](#) registration to open soon!

1st International Workshop on Low Carbon Computing, 3rd Dec. 2024 – hybrid event hosted in Glasgow, Scotland, United Kingdom [\[link\]](#)

Cephalocon at the CERN Science Gateway, 4-5 Dec. 2024, CERN, Switzerland [\[link\]](#)

WLCG/HSF workshop 2025, 5-9 May, IJCLab, Orsay (near Paris), France [\[link\]](#)

ACAT 2025, 8-12 Sep. 2025, Hamburg, Germany

➡ 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>

New Tech. Coord. Board (TCB)

This marks the **final GDB meeting**, as we transition to a new structure: the **Open Technical Forum (OTF)** and the **Technical Coordination Board (TCB)**, led by Alessandro di Girolamo and James Letts

After 22 years of overseeing the Grid Deployment Board...
we are proud to announce that the Grid is officially deployed!

The new forum will organize technical challenges and the requirements of the WLCG experiments and their computing infrastructure providers for the next 5 and 10 years - details provided today!

The GDB is happy to help to ensure smooth transition to the OTF/TCB!

Looking back (2020-2024)

In the period 2020-2024 (chairs M. Wadenstein, J. Flix):

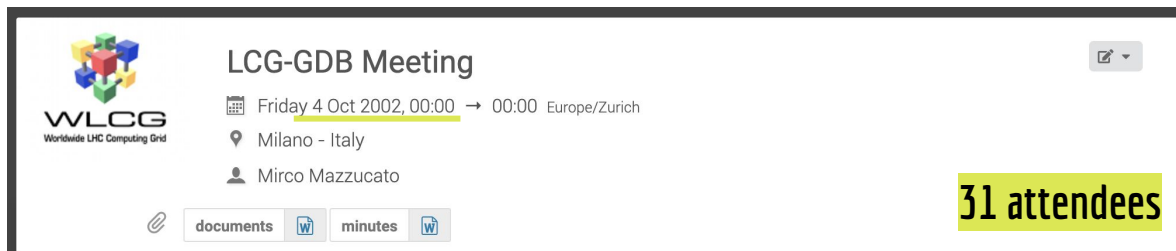
- 48 GDBs & 15 pre-GDBs
- 4 relocated:
 - Amsterdam
 - ISGC, Taipei x2
 - EGI Conference, Poznan
- 56% of these meetings were **virtual** (Covid-19 pandemic!)

Other **communities** brought in regularly

WGs created and **activities reviewed** and reported: Accounting, IPv6 (HEPiX), Benchmarking (HEPiX), Security, Data Challenges, ...

GDB also helped organizing **WLCG-HSF Workshops**

Looking back (2002→)



The screenshot shows a meeting page for 'LCG-GDB Meeting'. It includes the WLCG logo, the meeting title, date and time (Friday 4 Oct 2002, 00:00 → 00:00 Europe/Zurich), location (Milano - Italy), and organizer (Mirco Mazzucato). There are buttons for 'documents' and 'minutes'. A yellow box on the right indicates '31 attendees'.

Agenda

	<i>time</i>	<i>item</i>	<i>estd. time</i>	<i>speaker</i>
1	09:00	Welcome & adoption of the agenda	5 mins	Mirco Mazzucato
2	09:10	Mandate, membership, high-level goals of the LCG, short term goals of the GDB	20 mins	Les Robertson
3	09:30	Introduction of members – ~3 minutes each	~ 90 mins	Members
	11:00	coffee	15 mins	
4	11:15	GDB working methods, meeting frequency, working groups	30 mins	Mirco Mazzucato
5	11:45	Goals and timetable of LCG-1	30 mins	Ian Bird
6	12:15	Status of Grid middleware inter-operability	30 mins	Ruth Pordes
	12:45	Sandwich lunch		
7	14:00	Establishment of working groups	90 mins	t.b.d.
	15:30	coffee	15 mins	
8	15:45	Establishment of working groups (contd.)	60 mins	t.b.d.
9	16:45	next meeting	15 mins	Mirco Mazzucato
	17:00	end of meeting		

- **Meeting frequency:** When up to speed GDB should meet in person every 1-1.5 months, alternating between CERN and external Tier1 centre. To make recommendations for LCG-1 people agreed to have 2 meetings in person plus 2 phone meetings before the end of the year.
- **WG1:** Selection of Grid Middleware to be deployed on LCG-1
 - **Technical Assistant:** David Foster
 - **Chair:** J.Renner Hansen
 - **Members:** Eric van Herwijnen, Laura Perini, Tony Wildish, Yves Schutz, Simon Lin
- **WG2:** Resource planning
 - **Technical Assistant:** Ian Bird
 - **Chair:** V.White
 - **Members:** Wolfgang Von Ruden, David Stickland, Gilbert Poulard, Klaus-Peter Mickel, Slava Ilyin, Alberto Masoni, Anders Ynnerman
- **WG3:** LCG-1 Security, Authentication, authorization and registration policy.
 - **Technical Assistant:** D. Kelsey
 - **Chair:** M.Delfino
 - **Members:** Thomas Kachelhoffer, Randy Sobie, Vicky White
- **WG4:** Real operations procedures
 - **Technical Assistant:** T. Cass
 - **Chair:** F. Ruggieri
 - **Members:** John Gordon, Tony Wildish, Hiroshi Sakamoto, Klaus-Peter Mickel
- **WG5:** User support model.
 - To be defined

Looking back (2002→)

Notes on the GDB meeting 9-12-2002
Alberto Masoni, 10-12- 2002

COUNTRY	MEMBER	Part.	DEPUTY	Part.
Austria	Dietmar Kuhn	yes		
Canada	Randy Sobie	no	Robert McPherson	
Czech Republic	Milos Lokajicek	yes		
Denmark	John Renner Hansen	no	Anders Waananen	
Finland	Klaus Lindberg	no		
France	Denis Linglin	yes	Thomas. Kachelhoffer	yes
Germany	Klaus-Peter Mickel	yes	Holger Marten	
Hungary	Andras Benczur	no		
India	D.D.Bhawalkar	yes	P.S Dhekne	yes
Italy	Federico Ruggieri	Yes	Luciano Gaido	
Japan	Hiroshi Sakamoto	yes	Tatsuo Kawamoto	
Netherlands	Kors Bos	yes	Arjen Van Rijn	
Poland	Michal Turala	yes	Jan Krolkowski	
Portugal	Gaspar Barreira	no	J. Gomes	yes
Russia	Slava Ilyin	yes		
Spain	Manuel Delfino	no		
Sweden	Anders Ynnerman	yes		
Switzerland	Christoph Grab	yes	Allan Clark, Marie- Christine Sawley	yes
Taiwan	Simon Lin	yes		
United Kingdom	John Gordon	yes	Steve Lloyd	
United States	Vicky White	Yes	Lothar Bauerdick	
CERN	Wolfgang von Ruden	yes		
ALICE	Yves Schutz	Yes	Alberto Masoni	
	Federico Carminati	yes		
ATLAS	Gilbert Poulard	Yes	Laura Perini	
	Norman McCubbin	yes		
CMS	Tony Wildish	Yes		
	David Stickland	yes		
LHCb	Eric van Herwijnen	Yes		
	John Harvey	no		
Project Leader	Les Robertson	Yes		
GDB Chair	Mirco Mazzucato	Yes		
GDB Secretary	Alberto Masoni	yes		
Grid Deployment Mgr	Ian Bird	yes		
Fabric Manager	Bernd Panzer	yes		
Appl. Manager	Torre Wenaus	yes	Oxana Smirnova	yes
Chief Tech. Officer	David Foster	yes		
SC2 Chair	Matthias Kasemann	Yes		
Work Group Tech. Support	David Kelsey, Tony Cass	yes		

Attendance was tracked on a list by country and representation, for each of the meetings



Looking back (2002→)

International Symposium on Grid Computing (ISGC) 2003 & TW Grid Workshop

8-12 March 2003
Activity Center, Academia Sinica
Asia/Taipei timezone

Enter your search term

Overview

Organizing Committee

Timetable


Participant List

Timetable

< Sat 08/03 Sun 09/03 **Mon 10/03** Tue 11/03 Wed 12/03 All days >

09:00	Keynote Speech I		09:00 - 10:00
	Room 1, Activity Center, Academia Sinica		
10:00	Keynote Speech II	GDB Meeting	
	Room 1, Activity Center, Academia Sinica	Room 3, Activity Center, Academia Sinica	
11:00	10:10 - 11:10	10:10 - 11:10	
	Coffee Break		
	Activity Center, Academia Sinica		11:10 - 11:30
	Core Technology: Current Status of Grid	GDB Meeting	

Looking back (2002→)



pre-GDB Meeting at CERN

Tuesday 6 Sept 2005, 09:00 → 18:00 Europe/Zurich
IT Auditorium (CERN)
Jamie Shiers

Description VRVS available on "Desert" virtual room

09:00 → 18:00 **Tuesday 6th September**

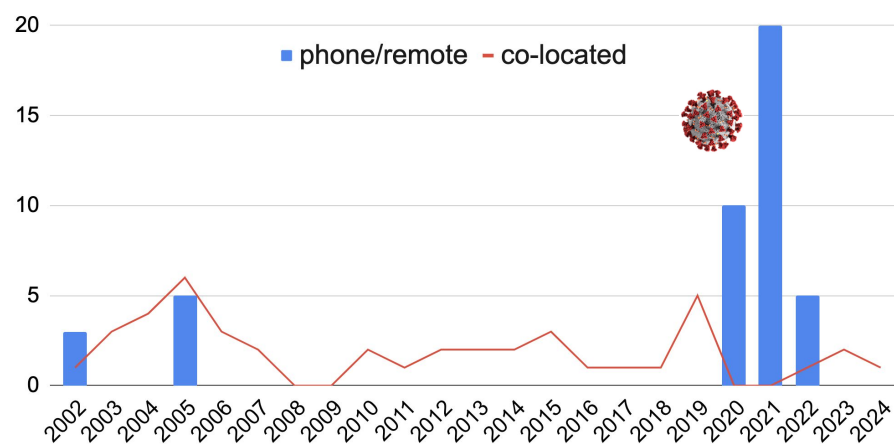
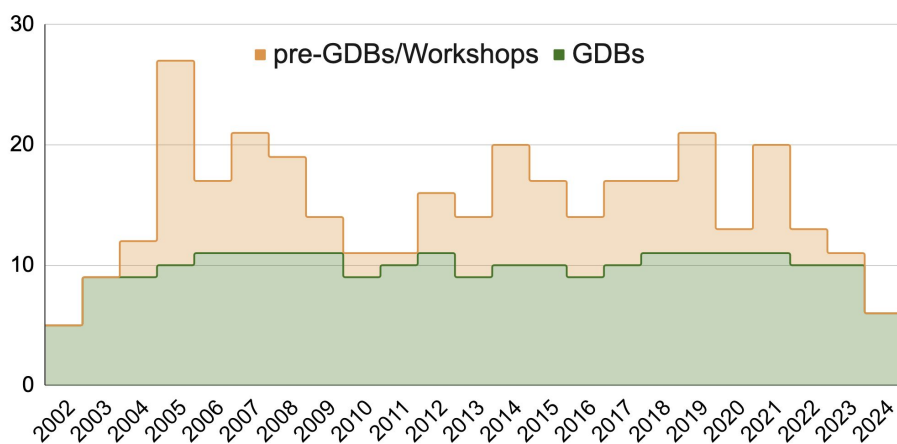
The morning session focusses on Service Challenge 3 - both results from the Throughput Tests as well as the Service Phase (Sep-Dec 2005)
The afternoon looks forward to Service Challenge 4 and the Initial LHC Service.

- 10:00** **Analysis of throughput tests and debugging process** (40m)
Speaker: James Casey
transparencies
- 10:40** **Report from dCache workshop** (20m)
Speaker: Maarten Litmaath
transparencies
- 11:00** **CASTOR2 experience** (20m)
Speaker: Vlado Bahyl (CERN IT/FIO)
transparencies
- 11:20** **DPM experience and future plans** (20m)
Speaker: Jean-Philippe Baud
document

Looking back (2002→)

In the period 2002-2024

- 225 GDBs & 120 pre-GDBs/Workshops
- 43 relocated (CERN + ~12 countries):
 - **Many thanks to:** BNL, CC-IN2P3, CNAF, FNAL, KIT, LAPP, Milan, PIC, Prague, RAL, Rome, SARA/NIKHEF, TIFR, TRIUMF, ASGC, ...
 - **Many thanks to:** HEPIX Workshops, EGI Conference, ISGC, ...



7 GDB chairs [2002→2024]



Mirco Mazzucato
INFN
[Oct. 2002→Sept. 2004]



Kors Bos
NIKHEF
[Oct. 2004→Feb. 2007]



John Gordon
STFC/RAL
[Mar. 2007→Mar. 2012]



Michel Jouvin
Universite de Paris-Sud
[Apr. 2012→Dec. 2015]



Ian Collier
STFC/RAL
[Jan. 2016→Dec. 2019]



Mattias Wadenstein
Umea University
[Jan. 2020→Oct. 2024]



Josep Flix
PIC
[Jan. 2020→Oct. 2024]

Thanks!

We would like to express our heartfelt gratitude to everyone who has attended and contributed to the GDB meetings over the years

Note takers – Presenters – Participants

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We would like to express our heartfelt gratitude to everyone who has attended and contributed to the GDB meetings over the years

Note takers – Presenters – Participants



Jeff Templon

to project-lcg-gdb, me ▼

08:43 (1 hour ago)



Wow, the last GDB - are you bringing back GDB legends like Les Robertson, John Gordon, Flavia Donno, Laurence Field, Ian Bird, Philippe Charpentier (the list could go on for scores of names) for the finale? I asked Kors Bos but he couldn't make it.

J "and have one more GDB fight" T



Thanks!

We would like to express our heartfelt gratitude to everyone who has attended and contributed to the GDB meetings over the years

Note takers – Presenters – Participants

A special thanks also goes to the **GDB Steering Group** members for their dedication and support

Andrés Pacheco Pages, Ian Collier, José Flix, Tony Wong, Julia Andreeva, Latchezar Betev, Maria Girone, Maarten Litmaath, Andrew McNab, Daniele Bonacorsi, Michel Jouvin, Alessandro Di Girolamo, Mattias Wadenstein, Graeme A Stewart, Mario Lassnig, Christoph Wissing, David Cohen, David South, Brian Hua Lin

Thanks to **Catharine Noble** for the logistics help!

It has been a true pleasure working with all of you!

Questions?

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

