GDB Introduction
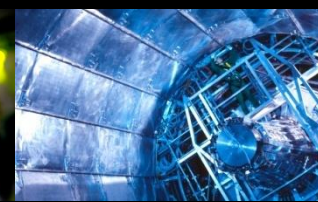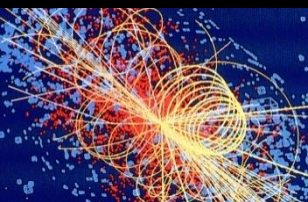
Ian Collier

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STFC Rutherford Appleton Laboratory

GDB, February 14th 2018

WLCG
Worldwide LHC Computing Grid

CERN

Meeting details

- Summaries prepared by team of volunteers
  - Today: …
  - Will be available at https://twiki.cern.ch/twiki/bin/view/LCG/WLCGGDBDocs
- Vidyo & mailing list monitoring
  - I am unlikely to check email during the day– please use the list.
  - Can someone in the room monitor that and Vidyo chat?

Today: Main topics

- HNSciCloud update

- System Performance Modelling WG update

- GPU exploitation pre-GDB report

- CNAF data centre update

- CernVM Workshop report

- HPC exploitation pre-GDB report

- CSCS HPC experience

- EOS Workshop report

- Spectre/Meltdown update

- Benchmarking impact of spectre/meltdown

Upcoming GDBs

- March 2018 GDB will be co-located with ISGC in Taipei
  - shifted to March 21st
- April – pre-GDB - Benchmarking F2F
- July – moving to 19th
- October – moving to 17th

- Let me know if you have topics to bring to the GDB

Upcoming Meetings

- Inverted CSC, March 5th-8th at CERN - http://indico.cern.ch/e/iCSC-2018

- LHCOPN/LHCONE workshop March 6th-7th, RAL, UK
  - https://indico.cern.ch/event/681168/ - registration still open

- ISGC 2018, March 16th – 23rd, Taipei, Taiwan
  - http://indico4.twgrid.org/indico/event/4/

- 2018 WLCG Workshop & HSF Workshop, March 26th– 29th Naples, Italy
  - https://indico.cern.ch/event/658060/overview - **early bird registration extended**

- HEPiX Spring 2018, May 14th – 18th, Madison, WI, USA
  - https://indico.cern.ch/event/676324/

- HTCondor Week 2018, May 21st – 24th, Madison, WI, USA
  - https://indico.fnal.gov/event/15680/

- 8th DIRAC Users' Workshop, May 22nd-25th May, Lyon, France
  - **http://cern.ch/go/sG8d**

- Thematic CSC, June 3rd -9th, Split, Croatia - http://indico.cern.ch/e/tCSC-2018

- CHEP 2018, July 9th – 13th, Sofia, Bulgaria
  - http://chep2018.org

- European HTCondor week, September 5th-7th, RAL, UK

- HEPiX Fall 2018, October 8th – 12th, Barcelona, Spain

- Anything I've missed, let me know & I'll add it to the slides.

Worldwide LHC Computing Grid

The 8th DIRAC Users' Workshop
Lyon, 22nd - 25th May 2018

The workshop will be devoted to the information exchange between the DIRAC developers, service administrators and users. User reports, DIRAC ongoing and planned developments, hackathons and operational hands-on will be included into the agenda.

diracgrid.org	Organizers	Timetable and registration:
DIRACGrid	Federico Stagni (CERN) Vanessa Hamar (IN2P3) Andrei Tsaregorodtsev (CNRS)	http://cern.ch/go/sG8d
Forum dirac-grid (google)		

CERN School of Computing 1

Inverted CERN School of Computing 2018

5-8 March - CERN IT Amphitheatre

Lectures and hands-on exercises on:

Algorithm Complexity	Blockchain	Backend System
Data Structures	Decentralized Consensus	Data Analysis
Identity Federation	Medical Imaging	Parallel Programming

Photo: CERN

Registration and more information:
www.cern.ch/csc

CERN
School *of* Computing

WLCG
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CERN School of Computing 2

Thematic CERN School of Computing

High Throughput Distributed Processing of Future HEP Data

3-9 June 2018
Split, Croatia

Photo: SL

Deadline for Application : 11 March 2018
www.cern.ch/csc

Questions?