WLCG workshop in Lisbon

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On behalf of the WLCG workshop organisers

WLCG MB
    December 8, 2015

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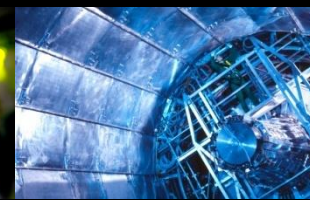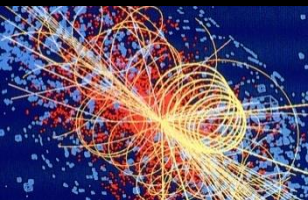
Motivations

- Need to plan the evolution of WLCG over the next decade

  – Preparation for Run3 and Run4 (HL-LHC) is the main goal

  – Addressing medium term issues and resource optimisation also very important

- Use the WLCG workshop to agree on the direction and kick-start the activities

- See Ian's talk at the October MB

Practical details

- Dates: February Mon 1 – Wed 3 (morning): 2.5 days
- Venue: Instituto Universitário de Lisboa
- Registration open since October 15
  - Via Indico, payment by bank transfer or if not possible by cash, not centrally managed by CERN
- Accommodation
  - 50 rooms pre-booked in two hotels
- Social dinner
  - On Tuesday evening
- Contact: wlcg-lisbon@cern.ch
- Agenda: https://indico.cern.ch/e/WLCG-Workshop-Lisbon-2016
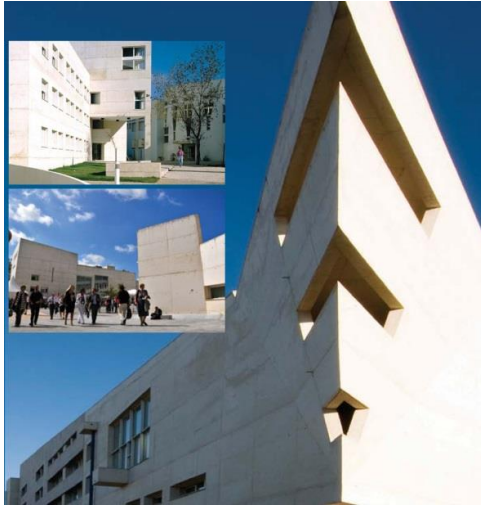
Venue

The venue will be at ISCTE - University Institute of Lisbon (ISCTE-IUL) is a public university established in 1972.

10 minutes from Airport by public transportation

Auditorium J. J. Laginha (BuildingI)
for 220 people

Workshop program: day 1

- **First day on medium term evolution**
  - Focus on current issues, ways to improve efficiency/lower costs, incremental evolution
  - Compute
    - Plugging cloud and VM-based resources into WLCG, trends in using supercomputers in WLCG, …
  - Security and trust model
    - Overview, trust fabric evolution, cyberthreats, security in evolving infrastructure, trust model between experiments and sites, …
  - Data
    - Data management tools, storage federations and their evolution, etc.
  - Monitoring, Information System and Accounting
    - Information system evolution, cloud integration, accounting and benchmarking on clouds, network monitoring, SAM, …
- **WLCG collaboration board meeting closing the day**

Workshop program: day 2

- Session entirely on the long term future (HL-LHC)
- The final goal is to be prepared for the challenges of Run 3 and Run 4
- Driven by new ideas, possibly "revolutionary"
- Develop a common vision for the direction to take

- No agenda yet
  - Experiments to propose the topics to be discussed and shape the agenda
  - Plan is to have many short presentations and lot of time for discussion

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Workshop program: day 3

- Summarise

- Decide on future work and priorities

- Set up working groups

Summary

- Next WLCG workshop dedicated to the future (short and long term)
- Goal is to have many fruitful discussions and a clear idea on how to proceed
- Many thanks to the local organisers from LIP

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Questions?

Acknowledgements

- Workshop organisers
  - João Pina, Hugo Gomes, Jorge Gomes, Natália Antunes
  - M. Alandes, M. Dimou, A. Forti, J. Flix, A. Sciabà
- Conveners (so far)
  - D. Duellmann, A. Forti, O. Smirnova, J. Templon

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