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CERN openlab V: what next?

December 2013

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EDUCATION AND RESEARCH

Over 30 years of Collaboration!

CERN / Oracle Annual Meeting in Redwood Shores, CA

March 2012

Left to right: Tony Cass (CERN), Eric Grancher (CERN), Mark Hurd (Oracle), Bob Jones (CERN), Maaike Limper (CERN)

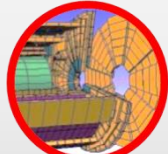


Rolf Heuer (CERN Director General) and **Loïc le Guisquet** (Oracle Exec VP EMEA) cut cake to celebrate 30 years of collaboration between CERN and Oracle (Image: CERN)

openlab IV



Online triggers and DAQ



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Offline simulation and processing

In-Database
Physics analysis



Data storage architectures

- 12c
- Virtualisation
- Replication



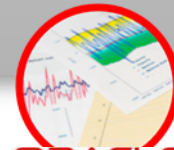
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Resource management and provisioning



Networks and connectivity

- ORE
- OBIEE



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Data analytics



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HQ meetings

December 2nd-5th 2013



openlab V



Online triggers and DAQ

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Offline simulation and processing

• In-Database Physics Analysis



Data storage architectures

• New DB Features
• In-Memory
• E2E Data Integrity

• New DB Features
• Virtualization



Resource management and provisioning

• Virtualization



Networks and connectivity



Data analytics

• Data Mining
• Predictive Modeling
• Machine Learning

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openlab V outlook

- Longer term
- Wider scope
- Data infrastructure

