



#askCERN

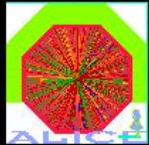
Hangout with CERN: LHC and the Grid - The world is our calculator

7 February 2013



2/7/2013 2:23:25 pm
2:20 pm 2:30 pm

Running jobs: 275677
Transfer rate: 11.32 GiB/sec



Tour Guide

US Dept of State Geographer
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Image IBCAO
Data SIO, NOAA, U.S. Navy, NGA, GEBCO

Google earth

47°00'00.00" N 8°00'00.00" E elev 0 m eye alt 11001.00 km



2/7/2013 2:55:48 pm 2/7/2013 2:55:49 pm
2:49 pm 3:00 pm

Running jobs: 273757
Transfer rate: 20.65 GiB/sec

CERN-PROD

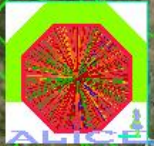
Job Statistics for the Past 24 Hours:
Jobs Succeeded: 106549 (84.2 %)
Jobs Failed: 19973 (15.8 %)
(Total: 126522)

Current Job Statistics:
Running Jobs: 12495

VO-Names:
ATLAS: CERN-PROD, CERN-CMSTEST
LHCb: CERN-CREAM, CERN
CMS: T2_CH_CERN, T0_CH_CERN,
T1_CH_CERN
ALICE: CERN_HLT, UsLHCNet, CERN

[More Info](#)

Directions: [To here](#) - [From here](#)



dashboard
pellier


Data SIO, NOAA, U.S. Navy, NGA, GEBCO
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Google earth

45°16'02.77" N 6°51'36.26" E elev 2325 m eye alt 416.07 km




CERN Accelerating science [Home](#) [Learn more!](#) [Sixtrack](#) [Test4Theory](#)



LHC@home


LHC@home is a platform for volunteers to help physicists develop and exploit particle accelerators like CERN's [Large Hadron Collider](#), and to compare theory with experiment in the search for new fundamental particles.

By contributing spare processing capacity on their home and laptop computers, volunteers may run simulations of beam dynamics and particle collisions in the [LHC's giant detectors](#).



The Sixtrack project
Help us to study the LHC machine and its upgrade to understand the fundamental laws of the universe.
[View details >](#)

The Test4Theory project
Help us on the research about the elusive Higgs particle with our virtual atom smasher.
[View details >](#)



Do you want to help?
You can! Become a volunteer scientist donating some CPU cycles.

[★ Learn more >](#)

cern.ch/hangouts

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 - iSGTW: isgtw.org

CERN participants

Oliver Keeble, CERN IT

Markus Schultz, CERN IT

Richard Mount, ATLAS Computing Coordinator

Stefan Roiser, LHCb Grid operations

Patrick Koppenburg, LHCb physicist

Credits

Steve Goldfarb — Host

Ken Read — Q&A from Social Media

Kate Kahle and Achintya Rao — Production

Thank you for watching!



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