HPC @ Uni.lu

Chaos, Gaia, Nyx and Granduc clusters

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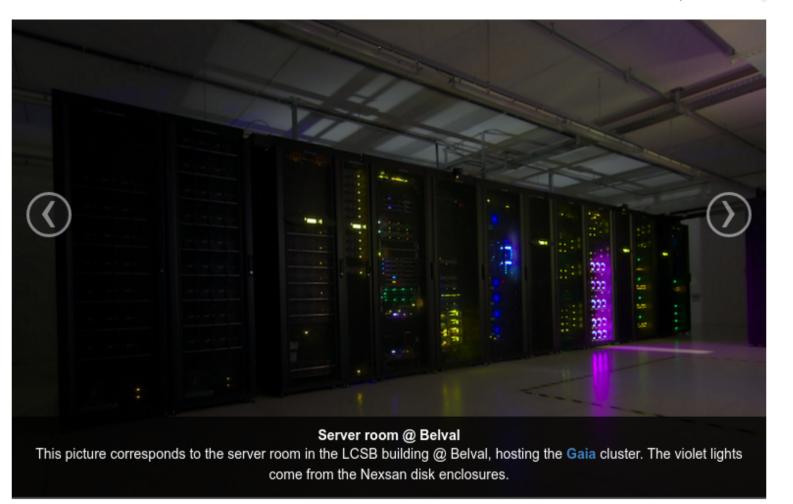
Welcome to the HPC @ Uni.lu platform !

This is the official website of HPC @ Uni.lu platform, which assembles information about the computing clusters operated by the University of Luxembourg and the organization running them.

> The country that out-computes will be the one that out-competes.
> — The Council on Competitiveness

Server room @ Belval
This picture corresponds to the server room in the LCSB building @ Belval, hosting the Gaia cluster. The violet lights come from the Nexsan disk enclosures.

⚙ Featured Systems

We currently operate a total of 488 computing nodes (5196 cores, 83.671 TFlops) and a shared storage capacity of 3598.4 TB (+ 1516 TB for backup).

⚙ Platform Status

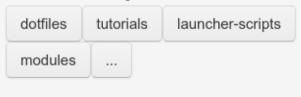### 📘 User Docs

We took the time to make the HPC documentation as complete as possible. Please make sure you read it carefully.

📄 Publications

🔖 Recent Posts

- UL HPC Newsletter - Issue #2
- IPCEI-HPC-BDA Project Released
- UL HPC: storage infrastructure upgrade
- HPC as part of the UL Digital Strategy
- UL HPC: new computing nodes in 2015
- Scale-out NAS storage: Isilon system

🐙 GitHub Repos

dotfiles	tutorials	launcher-scripts
modules	...	

Tweets by @ULHPC

ULHPC @ULHPC
It's out! **UL HPC Newsletter Issue #2** bit.ly/1Sz13T5 @ULHPC size: 87 TFlops / 5.1 PB @uni_lu #newsletter #hpc #BigData #Luxembourg

♡   ↪   01 Feb

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A post to comment from a @uni_lu perspective the IPCEI on HPC and Big Data Enabled Applications & media focus on HPC bit.ly/1SNyjaJ

♡   ↪   29 Jan

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Finally! Some national awareness of the importance of HPC for the country... bit.ly/1JwVfbv . Next step @ULHPC as IPCEI