



# HPC @ Uni.lu

Chaos, Gaia, Nyx and Granduc clusters

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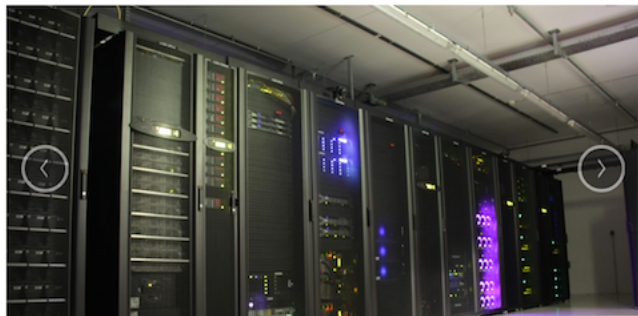
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## Welcome to the HPC @ Uni.lu platform !

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 371 computing nodes (3908 cores, 43.751 TFlops) and a shared storage capacity of 934.4 TB (+ 1064 TB for backup).

### User Docs

We took the time to make the [HPC documentation](#) as complete as possible. Please make sure you read it carefully.

### Platform Status

Several tools report in live the current status of our systems. [Check them out!](#)

### Recent Posts

- Chaos (d-cluster1-[1-16]) memory upgrade
- FET/HPC H2020 Call
- New Publications section
- UL HPC School 2014 - Keynote slides
- HPCS'2014 article presenting the UL HPC platform

### GitHub Repos

tutorials

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27 Oct

New #GPFS service in place, ready for scalability tests. Homedirs to be transferred there, for [hopefully] better stability and increased QoS



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27 Oct

Lustre extension (+1 OST, +2 OSSs) in place since Oct. 10th (without service interruption). Enjoy the increased space available :)



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27 Oct