



UVT HPC Centre Resources and Facilities

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Centrul de Cercetare în Informatică
IBM Academic Days For Universities in Romania 2013

March 21, 2013

Outline

- 1 Who are we ?
- 2 Computing Facilities
 - Overview
 - InfraGRID
 - Hardware
 - Software
 - ICAM BlueGene/P
 - Hardware
 - Software
- 3 Obtaining Access
- 4 Our Users



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- 5 A center willing to help scientists solve problems



Computing Facilities



Computing Facilities

■ InfraGRID Cluster:



Computing Facilities

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- **“Cloud” Infrastructure:**Support infrastructure for research projects and also for internal services.



InfraGRID Hardware

Hardware:



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Hardware:

- \geq 450 cores
 - Intel® Xeon® E5504 @ 2.00GHz
 - Intel® Xeon® X5690 @ 3.47GHz



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InfraGRID Software



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ICAM BlueGene/P Hardware

IBM BlueGene/P Supercomputer:



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■ Features:

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- Hybrid execution model: both message passing applications and SMP;



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What are our users doing

- The big ones:
 - **Weather Forecast:** WRF Simulations
 - **Hydrography**
 - **CFD**