

RISC

**A Network for Supporting the
Coordination of Supercomputing
Research between Europe and
Latin America**



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- Deepening strategic R&D cooperation between Europe and Latin America in the field of High Performance Computing (HPC) by building a multinational and multi-stakeholder community through capacity building, awareness building, networking and training events;
- Identifying strategic research clusters in order to foster targeted research collaboration in these areas;
- Assessing the ICT collaboration potential for the two regions – EU and Latin America;
- Producing a Green Paper on High Performance Computing and Supercomputing Drivers and Needs in Latin America;
- Producing a Roadmap for High Performance Computing and Supercomputing strategic R&D in Latin America;
- Enhancing HPC R&D policy dialogue between policy makers and stakeholders from EU and Latin American HPC communities;

- **HPC and Supercomputing - driver for Innovation** (Innovation and HPC, *etc*)
- **Computational Biology** (such as: Advanced Modeling of the Genome, Genome Sequencing, Modeling of Epidemics, *etc*)
- **Oil Exploration Advanced Modeling** (such as: Advanced Computational Methods and Techniques for Oil Exploration, *etc*)
- **Natural Disasters Modeling and Simulation** (such as: Hurricane a Catastrophe Modelling, Air Pollution Modelling, *etc*)
- **HPC and Supercomputing as a platform for**

- Green Paper on High Performance Computing and Supercomputing Drivers and Needs in Latin America
- Roadmap of High Performance Computing and Supercomputing strategic R&D in Latin America
- Strategic research clusters established
- Fully functioning network focusing on activities to support and to promote coordination of the HPC and Supercomputing research between Europe and Latin America

- Advanced Workshop Colombia 2013
- Summer School Rio de Janeiro 2013
- Advanced Workshop/ Awareness Raising Spain 2013

Partners



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**Barcelona
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