Ibergrid'2010, do 24 ao 27 de Maio en Braga (Portugal)
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IBERGRID'2010 celebrarase en Braga (Portugal) os días 24 ao 27 de Maio de 2010. IBERGRID2010 será a cuarta edición das series de Conferencias da Iberian Grid Infrastructure desde que comezaron en 2007 no marco do acordo bilateral entre Ciencia e Tecnoloxía asinado en 2005 por España e Portugal.
IBERGRID'2010

FIRST ANNOUNCEMENT AND CALL FOR PAPERS
This invitation is addressed to anyone doing research on:
- Computer Science, namely on HPC and Grid computing issues
- Computational Sciences, with requirements in HPC and Grid
- Computational Engineering with a similar focus.
Special note for cooperation projects within Iberian Peninsula,
and between Europe and Latin America.

IBERGRID'2010:
4th Iberian Grid Infrastructure Conference
http://www.ibergrid.eu/2010/
Braga, Portugal, May 24-27, 2010
(*** Papers due Mars 07, 2010 ***)

The IBERGRID'2010 organizing committee would appreciate your assistance to disseminate among your colleagues this 1st announcement of the conference event and the associated call for papers.

CONTEXT
IBERGRID'2010 is the 4th edition of a series of Iberian Grid Infrastructure Conferences started in 2007 under the framework of the bilateral agreement for Science and Technology signed in November 2005 between Portugal and Spain.
IBERGRID aims to leverage the construction of a common Iberian Grid Infrastructure and to foster cooperation in the fields of grid computing and supercomputing.
The organization of the IBERGRID conference in 2010 is led by the Universidade do Minho (UMinho) and will take place in Braga from Monday 24th to Thursday 27th May 2010.
A 2nd edition of an Workshop on HPC (Jornadas de Supercomputación) will be held on the afternoon of Thursday 27th May.
The main goal of the IBERGRID'2010 conference is to constitute a forum where the advances in the development of grid infrastructures, technologies and applications are discussed by the main players in
the Iberian and Latin American countries.
Grids are crucial for addressing many of the most challenging problems in science and engineering and are increasingly important in business, healthcare, environment and other applications.
The 4th IBERGRID conference is an excellent opportunity to gather an enlarged community of academics, researchers, students, industry experts and practitioners in all branches of knowledge, sharing a
common need: powerful computing, visualization and/or storage resources.
This community will benefit from the construction and consolidation of a common Iberian Grid Infrastructure as it will provide easy and secure access to a larger and more powerful set of distributed resources.

This year’s conference lemma is "Bridging the gap between European e-Science and Iberian America"
aiming the promotion and consolidation of applied research in the frame of the European and Latin America e-Science arena.
You will also have the opportunity to present demos, to attend courses and to watch live experiments on the IBERGRID infrastructure.
Questions about the conference should be directed to the conference organizers at "info2010<at>ibergrid.eu"

IMPORTANT DATES:
Conference in Braga: May 24-27 2010
Workshop on HPC: May 27, 2010
Training Activities on HPC/Grid/Viz: May 28, 2010
Papers submission: February 8 to March 7, 2010.
Notification of acceptance: April 12, 2010
Camera-ready papers: April 18, 2010

TOPICS OF INTEREST
The main areas of interest of IBERGRID'2010 include, but are not limited to, the following:
- Grid Middleware, Grid Computing, Data and Networking Infrastructures
- Distributed and Large-Scale Data Access and Management
- Data Repositories, Distributed Resource Management and Scheduling,

- Supercomputer/cluster/grid integration issues,
- Grid Performance Evaluation, QoS and SLA Negotiation
- Grid and HPC Applications, including e-Science in general and also Science Gateways, Nanomaterials, High Energy Physics, e-Health, e-Business, e-Administration, Life Sciences, Earth Sciences, Civil Protection, Computational Sciences and Engineering, ...
- User Development Environments & Programming Tools for Grid Computing.

Priority will be given to papers describing ongoing R&D on collaborative Grid projects between Portuguese, Spanish and Latin American institutions.
Questions about the conference scope should be directed to the
conference chairs at "pc2010<at>ibergrid.eu"

PAPER SUBMISSION
Full papers are invited on all topics of the conference and related fields relevant to the conference scope.
Structure for paper submission
• Title
• Authors and authors affiliations, incl. postal and e-mail addresses.
• 3 to 5 keywords
• Abstract (500-1000 words)
• Full text in English limited to a maximum of 12 A4 pages
• Short biographies (maximum of 100 words) of each author
Student authors wishing to participate in the best paper award competition must include the following footnote text in their papers ---- "Candidate to the best student paper award" ---- and provide information that ensures they are currently a graduate, master or doctoral student.
All papers must be submitted in English.
Detailed paper submission instructions for authors can be found soon at the conference website http://www.ibergrid.eu/2010/.
The Proceedings (ISBN book and CD-ROM) will contain all the papers and posters (extended abstracts) accepted for the conference.

CONFERENCE LANGUAGE
Portuguese, Spanish and English are accepted languages for oral presentation of papers at conference sessions.

PROGRAMME CHAIRS
Alberto Proença, Universidade do Minho, Portugal
António Pina, Universidade do Minho, Portugal
Lígia Ribeiro, Universidade do Porto, Portugal
Javier García Tobío, CESGA Santiago Compostela, Spain

CONFERENCE SITE
The conference will be held at Campus de Gualtar Universidade do Minho, Braga

MORE INFORMATION
For more information, please consult the website http://www.ibergrid.eu/2010/
Or contact "info2010<at>ibergrid.eu"

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Alberto Proença & António Pina
Organizing Chairs