

## Barcelona, the venue for Grid 2006

Barcelona is the capital of Catalonia. The city's two thousand year history has left its mark on Barcelona's architectural, artistic, and cultural heritage. Its excellent international communications, its Mediterranean climate, and its cosmopolitan atmosphere make it a privileged city indeed.

Barcelona is Europe's southernmost port, where Romans, Arabs, Christians, and other civilizations have given the city a multicultural flavor. Streets and squares are full of monuments and sculptures, both classic and Mediterranean, evidence of a great passion for art that makes Barcelona an open-air museum.

On the days before the start of Grid 2006, September 24th, Barcelona once again celebrates La Mercè, its Patron Saint Festival. Like a last explosion of summer before autumn, La Mercè is a festival of festivals, concentrating hundreds of activities such as the following in a few days:

- Barcelona Musical Action: to discover new sound ideas
- Barcelona Street Arts: with artists who perform within reach of the audience
- The Festival of Tradition: human towers, capgrossos (dwarves with big heads), giants, and an entire menagerie of festive animals, accompanied by guests from Mediterranean countries
- The Festival in the Sky: acrobatic events including jets, balloons, and gliders
- The Festival of Fire: all types of sparks, from the pyrotechnical music show to the correfoc (literally a fire-run)

The list is long and tends to include over 500 activities with a broad range of appeal. La Mercè is the festival of a thousand faces.

La Mercè has become the most popular festival in Barcelona, thanks to the collaboration of organizations from all over the city. Events for La Mercè take place in many parts of the city, with the overall program centered around Mediterranean culture. In less than a week, Barcelona brings together a program in which everyone participates, including street art, street theater, concerts, traditional dance, and more...

We hope to see you in Barcelona, enjoying both Grid 2006 and La Mercè.

# GRID 2006

## BARCELONA, SPAIN 28-29 SEPTEMBER 2006



Generalitat de Catalunya  
Consell Interdepartamental de Recerca  
i Innovació Tecnològica (CIRIT)



Barcelona  
Supercomputing  
Center





## GRID 2006

The Grid conference series is an annual international meeting that brings together a community of researchers, developers, practitioners, and users involved with Grid technology. The objective of the meeting is to serve as both the premier conference presenting best Grid research and a forum where new concepts can be introduced and explored.

The previous events in this series were: Grid 2000, Bangalore, India; Grid 2001, Denver; Grid 2002, Baltimore; Grid 2003, Phoenix; Grid 2004, Pittsburgh; and the sixth event, Grid 2005 in Seattle. All of these events have been successful in attracting high quality papers and a wide international participation. Last year's event attracted about 400 registered participants. From the second event through the sixth, we have been known as the Grid Workshop affiliated with the Supercomputing SC conference series. For this, our seventh event, we will convene our first meeting as a conference and this year we will be co-located with the 2006 cluster conference.

The proceedings of the first three workshops were published by Springer-Verlag, and the proceedings of the three most recent workshops were published by the IEEE Computer Society Press. We expect this year's proceedings will join those of the last three years in the IEEE Computer Society's Digital Library.

## SCOPE

Grid 2006 topics of interest (in no particular order) include, but are not limited to:

- Internet-based Computing Models
- Applications, including eScience and eBusiness Applications
- Distributed and Large-Scale Data Access and Management
- Middleware and Toolkits
- Monitoring, Management and Organization Tools
- Resource Management and Scheduling
- Networking
- Virtual Instrumentation
- Metadata, Ontologies, and Provenance
- Creation and Management of Virtual Enterprises and Organizations
- Architectures and Fabrics
- Information Services
- Security Issues
- Programming Models, Tools, and Environments
- Grid Economy
- Autonomic and Utility Computing on Global Grids
- Performance Evaluation and Modeling
- Cluster and Grid Integration Issues
- Scientific, Industrial and Social Implications

## TECHNICAL PAPERS

Grid 2006 invites authors to submit original and unpublished work (also not submitted elsewhere for review) reporting solid and innovative results in any aspect of grid computing and its applications. Papers should not exceed 8 single-spaced pages of text using 10-point size type on 8.5 x 11 inch paper (see IEEE author instructions, a LaTeX style sheet and Word format is available, too). All bibliographical references, tables, and figures must be included in these 8 pages. Submissions that exceed the 8-page limit will not be reviewed. Authors should submit a PDF file that will print on a PostScript printer.

Submission implies the willingness of at least one of the authors to register and present the paper.

Proceedings: All papers selected for this conference are peer-reviewed and will be published as a separate proceedings. After the event, the papers will also be published in the IEEE Xplore and the CS digital library. For author instructions see <http://www.computer.org/cspress/instruct.htm>

Special Issue: The best 6 to 8 papers from the workshop will be selected for journal length extension and their publication in a special issue of journal. The choice of the journal has not been decided yet.

## IMPORTANT DATES

1	March 2006	Paper submission site open
7	April 2006	Full paper submission due
14	April 2006	Last date for paper updates before review process
9	June 2006	Acceptance notification
1	July 2006	Camera-ready copy due
28	Sept 2006	Workshop

## ORGANIZING COMMITTEE

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