ICCS 2013 to bring 500 international supercomputing experts to Barcelona

The XIII edition of this annual conference will address the challenges of the application of HPC in disciplines such as bioinformatics, engineering, chemistry and the study of the arts or social systems.

More than 500 international specialists in supercomputing will meet this week in Barcelona, in the framework of the XIII International Conference on Computational Science (ICCS) to be held at the Barcelona International Convention Centre from 5 to 7 June.

The ICCS is an annual conference that brings together experts from the field of supercomputing, also known as High Performance Computing or HPC, and researchers from various disciplines, who are pioneering the use of supercomputing for physics, chemistry, life sciences, engineering and also the study of the arts and social systems.

The aim of the conference is to discuss the challenges of implementing HPC in the many fields in which

supercomputers are already considered an essential tool for research, as well as in fields in which it has not been used until now.

In addition to numerous presentations and workshops to be held over the three days, the ICCS has four keynote speeches to the plenary. These lectures will focus on HPC and bioinformatics (Prof. Hesham Ali, University of Nebraska, Omaha, USA), the spiNNaker project for brain simulation (Prof. Steve Furber, University of Manchester, UK), the use of supercomputing in musicology (Prof. David De Roure, Oxford e-Research Centre, UK), the European HPC strategy (Dr. Thierry van der Pyl, DG CONNECT, European Commission), the challenges of HPC training in HPC (Prof. Vladimir Voevodin, Moscow State University, Russia), and the emerging discipline of computational medicine (Prof. Raimond Winslow, The Johns Hopkins University, Baltimore MD, USA).

Barcelona Supercomputing Center – Centro Nacional de Supercomputación is the local host of the XIII edition of ICSS (for the twelve previous meetings see: http://www.iccs-meeting.org/iccs2013/previous-iccs.html). Registration for 2013 has exceeded the average attendance of previous years (around 350 attendees) and at the time of this press release is about to reach the 500 registered researchers.

Press release in English
Barcelona Supercomputing Center - Centro Nacional de Supercomputación

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