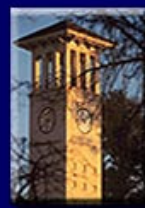


Emory University
Atlanta, USA

iccs
2005



May 22-25, 2005

International Conference on Computational Science

Organized by:



EMORY UNIVERSITY Distributed Computing Laboratory
Emory University, Atlanta, USA

In cooperation with:



University
of Amsterdam,
The Netherlands



University
of Tennessee,
USA



SIAM: Society for
Industrial and
Applied Mathematics

Advancing Science through Computation

The **International Conference on Computational Science 2005 (ICCS 2005)** aims to bring together researchers and scientists from mathematics and computer science as basic computing disciplines as well as researchers from various application areas who are pioneering advanced application of computational methods to physics, chemistry, life sciences, and engineering, arts and humanitarian fields, along with software developers and vendors, to discuss problems and solutions in the area, to identify new issues, and to shape future directions for research, as well as to help industrial users apply various advanced computational techniques.

You are invited to submit a paper and/or a proposal to organize a workshop. See **Call for Papers** for paper submission information, and **Call for Workshop Proposals** for more information. All accepted papers will be published in the conference proceedings, printed by Springer-Verlag in the Lecture Notes in Computer Science series. A selected number of papers will also be published as special issues of appropriate journals.

ICCS 2005 is the fifth in the series of highly successful conferences: ICCS 2004 in Krakow, Poland; ICCS 2003 held simultaneously in Melbourne, Australia and St. Petersburg, Russia, ICCS 2002 in Amsterdam, The Netherlands and ICCS 2001 in San Francisco, USA.

The theme for ICCS 2005 in Atlanta, USA, is "Advancing Science through Computation", to mark several decades of progress in computational science theory and practice, leading to greatly improved applications science. This conference will be a unique event focusing on recent developments in scientific algorithms, software tools, computational grids, advanced numerical methods, and novel application areas. We look forward to welcoming you to this exciting event!

Scientific Organization

Scientific Chair	Vaidy Sunderam
Workshop Chair	Dick van Albada
Overall Chair	Peter Sloot
Overall Co-chair	Jack Dongarra

Deadlines

Proposals for Workshops	Nov 8, 2004
Full papers submission	Dec 8, 2004
Proposals for Exhibitions	Feb 1, 2005
Notification of acceptance of papers	Feb 14, 2005
Camera ready papers	Feb 28, 2005

Venue

Emory University, Atlanta, USA

Address:

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ICCS 2005

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Dates

Tutorials	May 22, 2005
Conference	May 23 - 25, 2005