



International Conference on Internet Computing for Science and Engineering (ICICSE'09)

Harbin Engineering University, Harbin, China

Dec. 21-22, 2009

www.icseconference.org

Call for Papers

Welcome to the Fourth International Conference on Internet Computing for Engineering and Science (ICICSE'09). The conference will be held in Harbin Engineering University, Harbin, China on Dec. 21-22, 2009.

Computational science is an important and urgent field with multi-disciplinary research. It focuses on algorithms development and implementations of computing for scientists and engineers. Its impact is already being felt in many science and engineering disciplines. Current research in computational science requires multi-disciplinary knowledge, not only in sciences and engineering but also in cutting-edge technologies of computing. Many science and engineering explorations rely on mature, efficient computational algorithms and implementations, practical and reliable numerical methods, and large-scale computation systems. The theme of this conference focuses on scientific computations and applications on Internet, enhancing cyberinfrastructure-based scientific and engineering collaborations. It provides a great opportunity for non-computer science professionals traveling from different fields to this conference. This conference offers academic researchers, developers, and practitioners an opportunity to discuss various aspects of computational science and engineering-related computational methods and problem solving techniques for science and engineering research.

This conference is sponsored and organized by Harbin Engineering University, STEMES, USA, and the University of Iowa, USA. It will be operated by the conference program committee. We hope to attract people from diverse science and engineering disciplines, nationally and internationally, to attend the workshop, present their research results, share their experiences and ideas, and plan future collaborations. We welcome people to submit paper(s), or participate to conference program. Appreciations always go to people who support, help, and make this event successful

Conference Topics

Topics of the workshop must relate to Web-based/ Internet-based, application oriented scientific and engineering computations or simulations. They include (but are not limited to): Information Systems for computational science and engineering; Data mining and search in applications of computational science and engineering; Internet-based internet computing for solving computational problems; Cyberinfrastructure-enabled Web computing in science and engineering; XML technology for collaborative computations in science and engineering; Web services and Grid computing for cooperative computing in science and engineering; Internet-based applications for collaborative scientific computing; Web-based learning in computational science and engineering; Virtual Reality, Graphic computing; Graphic user interface design for scientists and engineers; Internet-based visualization; Internet-based database integration; Internet-based applications embedded scientific computing; Wireless computations in science and engineering; Internet-based, empowered distributed, parallel, P2P, and Grid computing

Paper Submission and Publication

ICICSE'09 invites full papers in the field of Internet-based computations described in the theme of the conference and solicit topics listed above. Papers must not have been previously published or currently submitted for publication elsewhere. All submitted papers should be written in English. Each paper will be peer reviewed at least by three program committee members who are expertise in the relevant area. Submission implies the willingness of at least one of the authors to register and present the work associated with the paper submitted. Papers should not exceed 8 single-spaced pages of text using 10-point size type on 8.5 x 11 inch paper (see [IEEE CPS Format](#)). All submitted papers should be written in English. Regular paper requires an oral presentation and short papers require a poster. Each paper will be peer reviewed by program committee. Submission implies the willingness of at least one of the authors to register and present the work associated with the paper submitted. Both regular and short papers will be in a conference proceeding to be published by [Conference Publishing Services \(CPS\)](#) (Web site: <http://www.computer.org/portal/web/cscps/home>). The selected high-quality papers from the conference will be recommended for international journals or books. All papers should be submitted electronically to <http://www.easychair.org/conferences/?conf=icicse09>

ICICSE'09 Program Chairs

Dr. Jun Ni, Ph.D., Associate Professor, Departments of Radiology, Computer Science, Biomedical Engineering, Mechanical Engineering, The University of Iowa, Iowa City, IA 52242; jun-ni@uiowa.edu

Dr. Shaobin Huang, Professor and Dean, College of Computer Science and Technology, Harbin Engineering University Harbin, China; huangshaobin@hrbeu.edu.cn