

The Fifth International Conference on Internet Computing for Science and Engineering (ICICSE'10)

Harbin Engineering University, Harbin, China
Nov. 1, 2010

www.icseconference.org

Call for Papers



Welcome. Internet computing is an important and urgent field with multi-disciplinary research. It focuses on research and application developments and implementations of cyber-computing for scientists and engineers. Its impacts are already being felt in many science and engineering disciplines. Current research in internet computing requires multi-disciplinary knowledge, not only in sciences and engineering but also in cutting-edge information technologies. Many science and engineering explorations rely on mature, efficient algorithms and implementations, practical and reliable numerical methods, distributed and large-scale computation systems. Therefore, we have been continuing to organize a series of internet computing conferences for engineering areas and science domains. In the past, we successfully organized annually-based ICICSE conferences held at Harbin Engineering University, where people touch the base of today's internet computing, while enjoying the beauty of Harbin. The ultimate goal of this annual conference is to promote research in computer science and information science. The conference vision is to break traditional computer science towards multidisciplinary domains through internet-based computing and computations for science and engineering. This year we will organize ICICSE'10 again. 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 by College of Computer Science and Technologies, [Harbin Engineering University](http://www.harbin-engineering-university.edu.cn), Scientific, Technology, Engineering, Mathematics, Education Society (STEMES), USA, [University of Iowa](http://www.uiowa.edu), USA, and [MediX Computing Inc.](http://www.medi-x.com) 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 Solicitation. 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'10 invites 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 program committee members who are experts 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 [CPS Format](#)). All submitted papers should be written in English. Regular paper requires an oral presentation and short papers (4 pages) require a poster. 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 published as a conference proceeding by [Conference Publishing Services \(CPS\)](#). The benefits including index can be found at CPS's web site <http://www.computer.org/portal/web/cscps/benefits>. All papers should be submitted electronically at the following web site. The **submission deadline is Sept. 30, 2010. No extension. Submit now!** <https://www.easychair.org/account/signin.cgi?conf=icicse10>

ICICSE'10 Program Chairs:

Dr. Jun Ni, University of Iowa, USA

Dr. Shaobin Huang, Harbin Engineering University, China