

## Call for Contributions



# The 33<sup>rd</sup> Annual Computer Software and Applications Conference **COMPSAC 2009**

Seattle, USA, 20-24 July, 2009



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**IEEE**



**IEEE Computer Society Signature Conference on  
Computer, Software & Applications**

COMPSAC, first held in Chicago in 1977, is one of the major international forums for academia, industry, and government to discuss research results, advances and future trends in computer and software technologies and applications. The technical program includes keynote addresses, research papers, industrial case studies, panel discussions and fast abstracts. It also includes a number of workshops on emerging important topics.

The creation of trustworthy, dependable and distributed computer services satisfying the needs of today pervasive and ubiquitous computing environments spans all aspects of software systems engineering. COMPSAC is a unique forum bringing together these facets and their major stakeholders. It gives research and practitioners a unique opportunity to share their perspective with others interested in the various aspects of computer systems and applications. Building on the trustworthy, secure, and dependable distributed software themes of highly successful recent COMPSAC conferences, **the technical theme for the 33<sup>rd</sup> conference is Harmonizing Humans, Computers, and Software in Service Environment.**

The program of COMPSAC 2009 will continue to feature research and industrial practice papers with a wide range of topics, focusing (but not exclusively) on software and middleware development for distributed platforms, social and collaborative networks, services computing, cloud computing, data center design and applications, communication applications, and mobile and embedded systems. To properly engineer such domains, the foundations, methodologies, and mechanisms that support the design, modelling, and evaluation of software systems and computer applications must come from diverse sources. Topics of interest include but are not limited to requirement analysis, co-analysis/co-design, modelling, development, testing, measurement, verification, validation, performance, autonomy, safety, security, and dependability constraints. Effective construction of these systems is not limited solely to the field of computer science and engineering and comes as a synergetic effort, between various domains of research. Multidisciplinary work, research and development of software prototypes, industry-university collaborations, all based on new emerging and critical technologies will be of particular interest to this conference. All accepted papers will be published in the electronic proceedings by the IEEE Computer Society, indexed through INSPEC and EI Index, and automatically included in the IEEE digital library.

Authors are invited to submit original, unpublished research papers as well as industrial practice papers. Simultaneous submissions to other publication venues are not permitted. Detailed instructions for electronic paper submission, panel and workshop proposals, fast abstracts, doctoral symposium and review process can be found at <http://www.compsac.org/>. The length of the camera-ready accepted papers will be limited to 8 (IEEE Proceedings style) pages, and printed with 10-12 point fonts. Please follow the IEEE Computer Society Press Proceedings Author Guidelines to prepare your papers. At least one author of each accepted paper (regular, short, workshop) or fast abstract is required to pay full registration fee to the conference. Each accepted paper must be presented in person by the author or one of the authors. At least one Best Paper Award and 1-3 Best Student Paper Awards will be presented by COMPSAC 2009. The first author of the best student papers must be a full-time student. Doctoral Symposium papers are encouraged with reduced student registration rate.

## IMPORTANT DATES

- ◆ **December 21, 2008:** Workshop proposals due
- ◆ **January 12, 2009:** Main conference abstracts due
- ◆ **January 30, 2009:** Main conference full manuscripts due; Panel proposals due
- ◆ **March 30, 2009:** Decision notification (electronic)
- ◆ **April 30, 2009:** Camera-ready copy and pre-registration due

## SUBMISSION

Upload regular papers and fast abstracts in PDF, Postscript or RTF format at <http://www.compsac.org/>

Submit panel proposals in plain text via email to [compsac@cs.iastate.edu](mailto:compsac@cs.iastate.edu)

Submit workshop proposals in plain text via e-mail to Workshop Chair Sheikh Iqbal Ahamed at [ig@mcs.mu.edu](mailto:ig@mcs.mu.edu) with a copy to [compsac@cs.iastate.edu](mailto:compsac@cs.iastate.edu)

Information on accepted workshops and the submissions of workshop papers will be available at the conference website <http://www.compsac.org/>

## GENERAL INQUIRIES

For more detailed and updated information, please refer to: <http://www.compsac.org/>

For further information, please contact: Carl Chang, Chair, Standing Committee, at [chang@iastate.edu](mailto:chang@iastate.edu)

## OTHER PROGRAM DEVELOPMENT INQUIRIES

Program Chairs: Elisa Bertino, Purdue University, USA at [Bertino@cs.purdue.edu](mailto:Bertino@cs.purdue.edu),  
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