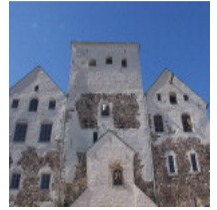




Computer Software and Applications Conference

COMPSAC 2008



Co-located with IEEE SAINT: (<http://www.saintconference.org>)
Turku, Finland, July 28 – August 1, 2008

Sponsored by



**Signature Conference on
Software Technology &
Applications**

COMPSAC is a major international forum for researchers, practitioners, managers, and policy makers interested in computer software and applications. It was first held in Chicago in 1977, and since then it has been one of the major forums for academia, industry, and government to discuss the state of art, new advances, and future trends in software technologies and practices. 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 and dependable software spans all aspects of software engineering. COMPSAC is a unique forum to bring together these facets and their major stakeholders. Building on the trustworthy, secure, and dependable software themes of highly successful recent COMPSAC conferences, the technical theme for the 32nd conference is **INTEGRATING THE DISTRIBUTED WORLDS**.

The program of COMPSAC 2008 will continue to feature research and industrial practice papers with a wide range of topics, focusing (but not exclusively) on software development for distributed platforms, communication applications, and embedded systems. To properly engineer such domains, the foundations, methodologies, and mechanisms that support the design, modelling, and evaluation of software systems must come from diverse sources. Topics of interest include requirement analysis, co-analysis and co-design, modelling, design, development, testing, measurement, verification and validation for performance, 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 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 conference proceedings by the IEEE Computer Society, indexed through INSPEC and EI Index, and automatic included in the IEEE digital library. Plans had been made to forward select papers to archival journals for publications.

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, tutorial proposals, fast abstracts, doctoral symposium and review process can be found at <http://www.compsac.org/>. The length of the camera-ready of an accepted paper will be limited to 8 (IEEE Proceedings style) pages, and printed on 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 2008. 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 8, 2007:** Workshop Proposals due (check <http://compsac.org> for the screening process)
- ◆ **January 15, 2008:** Abstract due
- ◆ **January 31, 2008:** Full Paper and Short Paper due
- ◆ **March 31, 2008:** Decision Notification (electronic)
- ◆ **April 30, 2008:** 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 compsac2008@compsac.org

Submit workshop proposals in plain text via e-mail to Lin Liu at linliu@mail.tsinghua.edu.cn or Mehmet A Orgun at mehmet@comp.mq.edu.au

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

OTHER PROGRAM DEVELOPMENT INQUIRIES

Program Co-Chairs: Hannu Tenhunen, University of Turku, Finland at hannu@ele.kth.se

T. Ming Jiang, National Chung Cheng University, Taiwan at mjiang@ee.ccu.edu.tw

Xiaoqing(Frank) Liu, University of Missouri-Rolla, USA at fliu@umr.edu