The 30th Annual International Computer Software and Applications Conference

COMPSAC 2006

Chicago, USA, September 18-21, 2OO6

With support of

Signature Conference on Software Technology & Applications

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Beginning 2006, COMPSAC is designated as the IEEE Computer Society Signature Conference on Software Technology and 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.

COMPSAC 2006 is celebrating the 60th Anniversary of IEEE Computer Society! COMPSAC 2006 will be co-located with the 2006 IEEE International Conference on Web Services (ICWS 2006) the 2006 IEEE International Conference on Services Computing (SCC 2006), as well as the International Workshop on Software Technology and Engineering Practice (STEP 2005).

The technical theme for the 30th conference is **HIGHLY DEPENDABLE AND SECURE SOFTWARE**

The program of COMPSAC 2006 will continue to feature research and industrial practice papers with a wide range of topics, focusing on highly dependable and secure software systems, to address the foundations, methodologies, and mechanisms that support the design, modelling, and evaluation of software systems that are dependable and secure to the desired degree with acceptable performance. The topics also include requirement analysis, modelling, design, development, testing, measurement, and simulation techniques for evaluating, verifying, and validating for performance, security, and dependability constraints. Research and development software prototypes, based on new emerging and critical technologies, will be of particular interest to this conference. All accepted papers will be published in the conference proceedings in hardcopy and on-line version by the IEEE Computer Society.

Authors are invited to submit original, unpublished research papers as well as industrial practice papers. Detailed instructions for electronic paper submission, panel and workshop proposals, tutorial proposals, and review process can be found at http://www.compsac.org/. The length of the camera-ready of an accepted full paper and short paper will be limited to 8 and 4 (IEEE Proceedings style) pages, respectively, 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 is required to pay full registration fee to the conference and present the paper. One Best Paper award and 1-3 Best Student Paper Awards will be presented by COMPSAC 2006. The first author of the best student papers must be full-time students.

IMPORTANT DATES

◆ **December 1, 2005:** Workshop Proposals due
◆ **February 6, 2006:** Abstract due
◆ **February 20, 2006:** Full Paper and Short Paper due
◆ **April 24, 2006:** Decision Notification (electronic)
◆ **June 16, 2006:** 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 workshop and panel proposals in plain text via e-mail to
Program co-Chair: Johnny Wong at *wong@cs.iastate.edu*
Program co-Chair: Aditya Mathur at *apm@cs.purdue.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