

The 28th Annual International Computer Software and Applications Conference

COMPSAC 2004

Hong Kong, September 28-30, 2004



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 major theme for the 28th conference will be

DEVELOPING TRUSTWORTHY SOFTWARE SYSTEMS

Methodology topics include, but not limited to, the following:

- ◆ Cyber security
- ◆ Software safety
- ◆ Trustworthy software
- ◆ Extreme programming
- ◆ Agile methodologies
- ◆ Software fault tolerance
- ◆ High performance software
- ◆ Component-based software development
- ◆ Service-oriented architecture
- ◆ Software architecture and framework
- ◆ Design patterns
- ◆ Requirements engineering
- ◆ Metrics and measurement
- ◆ Biometrics
- ◆ Quality management
- ◆ Software testing, V&V
- ◆ Formal specification and verification
- ◆ Software re-engineering
- ◆ Product-line management
- ◆ Risk management
- ◆ Software certification
- ◆ Process management
- ◆ Software standards
- ◆ Software engineering education

Systems and applications topics include, but not limited to, the following:

- ◆ Collaborative systems
- ◆ Distributed systems
- ◆ Embedded systems
- ◆ Enterprise systems
- ◆ High dependable systems
- ◆ E-Commerce/M-Commerce
- ◆ Internet and web-based systems
- ◆ Middleware systems
- ◆ Intelligent systems
- ◆ Multimedia systems
- ◆ Mobile code and systems
- ◆ Pervasive/Ubiquitous computing

INFORMATION FOR AUTHORS OF REGULAR PAPERS

Submit original papers (not published or submitted elsewhere) of 3000–5000 words. Include the title of the paper, the name and affiliation of each author, a 150-word abstract, and up to 8 keywords. Include also the name, address, telephone and fax numbers, and e-mail address of the author responsible for correspondence of the paper. The authors of a number of selected papers of special merit will be invited to submit an extended version of their papers for possible publication in a special journal issue.

INFORMATION FOR AUTHORS OF FAST ABSTRACTS

The objective of fast abstracts is to report on-going work, describe practical experience, introduce new ideas to provoke further validation, or state positions on controversial issues. Full submission information will be available at the conference web site.

INFORMATION FOR WORKSHOP ORGANIZERS

A major feature of COMPSAC 2004 will be half- and full-day workshops. These workshops will enable timely important issues to be explored in depth. Organizers should submit workshop proposals, including organizer's

contact information, the workshop title, rationale, coverage, how participants will be solicited, how position papers will be evaluated, and experience of past workshops on the same or closely related subjects. Information on other workshop activities, such as plans for journal publication of selected papers, is encouraged.

INFORMATION FOR PANEL ORGANIZERS

Panel sessions will be held in parallel with the paper sessions. Organizers should submit panel proposals, including organizer's contact information, the title, a 150-word scope statement, proposed chair and panelists with their affiliations.

IMPORTANT DATES

- ◆ **January 15, 2004:** Deadline for workshop and panel proposals
- ◆ **January 30, 2004:** Notification for workshop/panel organizers
- ◆ **March 22, 2004:** Deadline for regular and workshop paper submissions
- ◆ **March 30, 2004:** Organizers of accepted panels provide final information on chairs and panelists
- ◆ **May 20, 2004:** Notification for authors of regular and workshop papers
- ◆ **June 30, 2004:** Deadline for camera-ready copies of accepted regular and workshop papers, workshop organizers' remarks, panel organizers' scope statements, and panelists' position papers

SUBMISSION

Upload regular papers and fast abstracts in PDF, Postscript or RTF format at <http://rachel.utdallas.edu/compsac/submit.html>

Submit workshop and panel proposals in plain text via e-mail to compsac@utdallas.edu

Information on accepted workshops and the submissions of workshop papers will be available at the conference web site <http://rachel.utdallas.edu/compsac>

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GENERAL INQUIRIES

For more detailed and updated information, please refer to <http://rachel.utdallas.edu/compsac>

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