CALL FOR CONTRIBUTIONS

The 29th Annual International Computer Software and Applications Conference

COMPSAC 2005

Edinburgh, Scotland, July 25-28, 2005

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 29th conference will be:

HIGH ASSURANCE SOFTWARE SYSTEMS

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

- Ambient intelligence
- Biometrics
- Digital curation
- Dependable service provision
- Trustworthy software
- Security and privacy
- Policy-based software
- Software safety
- Software fault tolerance
- High performance software
- Component-based software
- Design patterns
- Software architecture

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

- Grid computing systems
- Autonomic computing
- Collaborative systems
- Embedded systems
- Enterprise systems

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

- Connected city
- Automotive telematics
- E-Commerce/M-Commerce
- Situation-aware applications

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. The submission format must follow the IEEE conference proceedings guidelines which are available at http://www.computer.org/cspr/res/instruct.htm. 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 The Computer Journal for a special issue in High Assurance Software Systems.

INFORMATION FOR AUTHORS OF FAST ABSTRACTS

Fast abstracts are to report on-going work, practical experience, new ideas to provoke further validation, or positions on controversial issues. Each fast abstract can have a maximum of two pages. The format must follow the IEEE conference proceedings guidelines which are available at http://www.computer.org/cspr/res/instruct.htm.

INFORMATION FOR WORKSHOP ORGANIZERS

A major feature of COMPSAC 2005 will be half- and full-day workshops. These workshops will enable timely important issues to be explored in depth. A workshop proposal should include organizer’s contact information, the title, a 150-word scope statement, proposed panel chair and panelists with their affiliations.

INFORMATION FOR PANEL ORGANIZERS

Panel sessions will be held in parallel with paper sessions. A panel proposal should include organizer’s contact information, the title, a 150-word scope statement, proposed panel chair and panelists with their affiliations.

IMPORTANT DATES

- December 1, 2004: Deadline for workshop and panel proposals
- December 15, 2004: Notification for workshop/panel organizers
- March 21, 2005: Deadline for fast abstract submission
- April 15, 2005: Notification for authors of regular papers, workshop papers and fast abstracts
- May 16, 2005: Deadline for camera-ready copies of accepted regular and workshop papers, fast abstracts, workshop organizers’ remarks, panel organizers’ scope statements, and panelists’ position papers

SUBMISSION

Upload regular papers in PDF, Postscript or RTF format at http://aquila.nvc.cs.vt.edu/compsac2005/submit.html
Upload fast abstracts in PDF, Postscript or RTF format at http://aquila.nvc.cs.vt.edu/start/www/fastabstract/submit.html
Submit workshop and panel proposals in plain text via e-mail to comptac2005@nvc.cs.vt.edu
Information on accepted workshops and the submissions of workshop papers is available at the conference web site http://aquila.nvc.cs.vt.edu/compsac2005/workshop.html

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GENERAL INQUIRIES

For more detailed and updated information, please refer to http://aquila.nvc.cs.vt.edu/compsac2005
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