

CfP: The 37th Annual International Computer Software and Applications Conference (COMPSAC 2013)

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- [2013](#)
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- [conference](#)
- [Japan](#)
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Start: 2013-02-10

Timezone: America/Montreal

COMPSAC 2013 Call For Papers

The 37th Annual International Computer Software and Applications Conference (COMPSAC 2013)

<http://www.compsac.org/>

Kyoto, Japan, 22-26 July 2013

Sponsored by IEEE and the IEEE Computer Society

ABOUT COMPSAC

COMPSAC is the IEEE Signature Conference on Computers, Software, and Applications. It is a major international forum for academia, industry, and government to discuss research results and advancements, emerging problems, and future trends in computer and software technologies and applications. The technical program includes keynote addresses, research papers, industrial case studies, plenary and specialized panels, fast abstracts, a doctoral symposium, poster sessions, and a number of workshops on emerging and important topics.

COMPSAC 2013 THEME

The theme of the 37th COMPSAC conference is "The Expanding Sphere of Software and Data." The emergence and increasing importance of digital society, cyber- physical systems, and semantic, pervasive, and mobile computing are expanding the role of software and applications. Associated with these paradigms are instruments, sensors, and a multitude of applications that generate and require analysis of massive volumes of diverse, complex, and distributed data. Knowledge, tools, practices, and infrastructures related to software and data have begun to evolve to cover this expanding sphere, while addressing grand challenges brought about by the complexities and uncertainties of the physical world and the heterogeneity and massive scale of the cyber infrastructure and the data it produces and requires. Beyond the core emphasis areas of

the conference, COMPSAC 2013 will provide additional tracks, special sessions, panels, and keynotes in order to facilitate discourse on and deepen the understanding of these challenges by furthering the fundamental contributions needed for advances in software and breakthroughs in big data analytics.

TOPICS OF INTEREST (TRACKS)

- Internet Architecture and Applications
- Network Security
- Network Middleware, Cloud Architecture, and Computing
- M2M (Machine-to-Machine) Networking and Internet of Things
- Software Life Cycle, Evolution, and Maintenance
- Requirements Engineering
- Formal Methods
- Software Architecture and Design
- Software Testing
- Reliability, Metrics, and Fault Tolerance
- Trust and Privacy
- HCI and Usability
- Real-Time and Embedded Systems
- Mobile and Pervasive Computing
- Semantic Web
- Web Services and Business Process Management
- Education, Learning, and Discourse
- Social Networks and Crowdsourcing
- Big Data Analytics and Knowledge Management
- e-Health and Well-Being
- Digital Cities and Public Places

PAPER GUIDELINES

Authors are invited to submit original, unpublished research work; as well as industrial practice reports. Simultaneous submission to other publication venues is not permitted. Detailed instructions for electronic paper submission, panel and workshop proposals, fast abstracts, industry papers, poster papers, doctoral symposium, and the review process are available at <http://www.compsac.org/>.

The review and selection process for submissions is designed to identify papers that break new ground and provide substantial support for their results and conclusions as significant contributions to the field. Submissions will be selected that represent a major advancement in the subject of the track to which they are submitted. Authors of submissions with a more limited contribution or scope of work may be asked to revise their submissions into a more succinct camera-ready format; e.g., a short paper, industry paper, fast abstract, or poster.

The length of a camera-ready regular paper will be limited to 10 pages. Short papers and workshop papers are limited to 6 pages; fast abstracts and industry papers to 2 pages; and posters to 1 page. Please follow the IEEE Computer Society Press Proceedings

Author Guidelines

(<http://www.computer.org/portal/web/cscps/formatting>) in preparing your paper. Each accepted paper (full, short, industry, workshop, or fast abstract) is required to be registered at full rate by one of its authors. Reduced registration rates are available for posters and Doctoral Symposium papers, but such registrations will provide limited privileges during the conference. Each paper must be presented in person by one of its authors.

A special poster session will be dedicated to work-in-progress, new ideas, and emerging fields and research topics in the area of computer software. An area on the conference premises will be designated for the presentation of such posters, which will be exhibited from July 23 to 25, 2013. Poster presenters are expected to bring their printed poster and handouts and be present for the entire duration of the session. Attendees will browse the posters and directly interact with the presenters. Thus, the poster session is intended to be an informal, conversational forum for new ideas.

Best Paper and Best Student Paper Awards will be presented by COMPSAC 2013. The first author of the best student paper must be a full-time student. Doctoral Symposium papers and posters are encouraged; a reduced registration rate applies. Authors of the best technical contributions will be invited to submit an extended version of their paper for consideration by reputable journals. In the past, certain technical contributions to COMPSAC were designated for eventual publication in journals including IEEE Computer, IEEE Transactions on Services Computing, Journal of Systems and Software, and Computer Communications among others.

IMPORTANT DATES

- Main Conference Paper Deadlines
 - February 10, 2013 (extended from Feb. 3): Full papers due
 - April 5, 2013: Paper notifications
 - May 5, 2013: Camera-ready copy and registration due
- Workshop Deadlines
 - December 9, 2012: Workshop proposals due
 - December 23, 2012: Workshop proposal notifications
 - March 20, 2013: Workshop papers due
 - April 21, 2013: Workshop paper notifications
 - May 5, 2013: Camera-ready copy and registration due
- Fast Abstracts, Posters, Industry Papers, and Doctoral Symposium Paper Deadlines
 - April 7, 2013: Fast abstract, poster, industry, and doctoral symposium papers due
 - April 28, 2013: Fast abstracts, posters, and doctoral symposium paper notifications
 - May 5, 2013: Camera-ready copy and registration due

SUBMISSION

- Upload papers in PDF format at <http://www.compsac.org/> .
- Submit panel or workshop proposals in plain text via email to [cs_compsac\[atmark\]iastate.edu](mailto:cs_compsac[atmark]iastate.edu) .
- Information on workshops will be available at <http://www.compsac.org/> .

GENERAL INQUIRIES AND CONTACT INFORMATION

For more detailed information, please visit the conference website at <http://www.compsac.org/> .

CHAIR OF THE COMPSAC STANDING COMMITTEE

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