



IEEE 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. **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.

Authors are invited to submit original, unpublished research work, as well as industrial practice reports.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 [www.compsac.org](http://www.compsac.org).

**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

**General Inquiries and Contact Information**

For more detailed information, please visit the conference website at [www.compsac.org](http://www.compsac.org).

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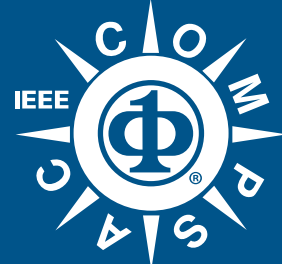
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**2013**  
Kyoto, Japan  
July 22-26

**THE EXPANDING SPHERE OF SOFTWARE AND DATA**

**Important Dates**

**Main Conference Papers**

January 20, 2013: Paper abstracts due  
UPDATE: February 10, 2013: Full papers due  
April 5, 2013: Paper notifications  
May 5, 2013: Camera-ready copy, registration due

**Workshop Deadlines**

November 15, 2012: Workshop proposals due  
December 1, 2012: Workshop proposal notifications  
March 20, 2013: Workshop papers due  
April 21, 2013: Workshop paper notifications  
May 5, 2013: Camera-ready copy, 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, registration due

**Submission**

Upload papers in PDF format at [www.compsac.org](http://www.compsac.org).  
Submit panel or workshop proposals in plain text via email to [cs\\_compsac@iastate.edu](mailto:cs_compsac@iastate.edu).

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