Topics of interest (Tracks)
Emergent Topics; Software Engineering; Networking; Web Technologies; Security and Privacy; Quality Assurance and Assessment; Embedded and Cyber-Physical Environments

Paper Guidelines
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 and nature of work may be asked to revise their submissions into a more succinct camera-ready format; e.g., a short paper, workshop, industry practice report, fast abstract, or poster.

Submission
Detailed instructions for electronic paper submission, panel and workshop proposals, fast abstracts, poster papers, doctoral symposium, and the review process are available at www.compsac.org.

Important Dates
Main Conference Papers
January 13, 2014: Paper abstracts due
January 31, 2014: Full papers due
March 31, 2014: Paper notifications
April 28, 2014: Camera-ready copy, registration due

Workshop Deadlines
November 15, 2013: Workshop & tutorial proposals due
March 23, 2014: Workshop papers due
April 20, 2014: Workshop paper notifications
April 28, 2014: Camera-ready copy, registration due

Fast Abstracts, Posters, Industry Papers, and Doctoral Symposium Paper Deadlines
April 8, 2014: Fast abstract, poster, industry, and doctoral symposium papers due
April 20, 2014: Fast abstracts, posters, and doctoral symposium paper notifications
April 28, 2014: Camera-ready copy, registration due

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

COMPSAC 2014 Theme
The theme of the 38th COMPSAC conference is The Integration of Heterogeneous and Mobile Services in Smart Environments. 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 in smart environments. Associated with these paradigms are instruments, sensors, and a multitude of applications that generate and require analysis of massive volumes of diverse, heterogeneous, complex, and distributed data. The potential of the emerging electric smart grid motivates developing systems designed with smart grid capabilities foremost in mind. The design of such intelligent systems is challenged by the complexity of the domains in which they are deployed. 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 of interconnected services and devices. Beyond the core emphasis areas of the conference, COMPSAC 2014 will provide additional tracks, special sessions, panels, and keynotes 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.

General Inquiries and Contact
Contact COMPSAC organizers at cs_compsac@iastate.edu.

2014 General Chairs
John Walz, 2012 IEEE Computer Society President
Tiberiu Seculeanu, ABB Corporate Research, Sweden

2014 Program Chairs
Ali Hurson, Missouri S&T, USA
Cristina Seculeanu, Mälardalen University, Sweden
Kenichi Yoshida, University of Tsukuba, Japan

2014 Workshop Chairs
Mihhail Matskin, KTH Royal Institute of Technology, Sweden
Yasuoka Okabe, Kyoto University, Japan

2014 Chair of the COMPSAC Steering Committee
Bruce McMillin, Missouri S&T, USA

Chair of the COMPSAC Standing Committee
Carl K. Chang, Iowa State University, USA