

# SEKE2014 Call For Papers

The 26th International Conference on Software Engineering and Knowledge Engineering

[www.ksi.edu/seke/seke14.html](http://www.ksi.edu/seke/seke14.html)

(Alternate website: [www.cs.pitt.edu/~chang/seke/seke14.html](http://www.cs.pitt.edu/~chang/seke/seke14.html))

Hyatt Regency, Vancouver, Canada

July 1 – July 3, 2014

Organized by

Knowledge Systems Institute, USA

## Call for Papers

The Twenty-Sixth International Conference on Software Engineering and Knowledge Engineering (SEKE 2014) will be held at Hyatt Regency, Vancouver, Canada from July 1 to July 3, 2014.

The conference aims at bringing together experts in software engineering and knowledge engineering to discuss on relevant results in either software engineering or knowledge engineering or both. Special emphasis will be put on the transference of methods between both domains.

## Special issue of IJSEKE journal

The SEKE conference is closely coordinated with the [International Journal of Software Engineering and Knowledge Engineering \(IJSEKE\)](#). The best ranked papers from the conference will be invited for submission to a special issue in IJSEKE. Papers suggested for the special issue will be reviewed by external reviewers following the standard procedure of review stipulated by the respective journal.

## Topics include but are not limited to:

Agent architectures, ontologies, languages and protocols  
Multi-agent systems  
Agent-based learning and knowledge discovery  
Interface agents  
Agent-based auctions and marketplaces  
Artificial life and societies  
Secure mobile and multi-agent systems  
Mobile agents  
Mobile Commerce Technology and Application Systems  
Mobile Systems  
Autonomic computing  
Adaptive Systems  
Integrity, Security, and Fault Tolerance  
Reliability  
Enterprise Software, Middleware, and Tools  
Process and Workflow Management  
E-Commerce Solutions and Applications  
Industry System Experience and Report  
Service-centric software engineering  
Service oriented requirements engineering  
Service oriented architectures  
Middleware for service based systems  
Service discovery and composition  
Quality of services  
Service level agreements (drafting, negotiation, monitoring and management)  
Runtime service management  
Semantic web  
Requirements Engineering  
Agent-based software engineering  
Artificial Intelligence Approaches to Software Engineering  
Component-Based Software Engineering  
Automated Software Specification  
Automated Software Design and Synthesis  
Computer-Supported Cooperative Work  
Embedded and Ubiquitous Software Engineering  
Measurement and Empirical Software Engineering  
Reverse Engineering  
Programming Languages and Software Engineering  
Patterns and Frameworks  
Reflection and Metadata Approaches  
Program Understanding  
Knowledge Acquisition  
Knowledge-Based and Expert Systems  
Knowledge Representation and Retrieval  
Knowledge Engineering Tools and Techniques  
Time and Knowledge Management Tools  
Knowledge Visualization  
Data visualization  
Uncertainty Knowledge Management  
Ontologies and Methodologies  
Learning Software Organization  
Tutoring, Documentation Systems  
Human-Computer Interaction  
Multimedia Applications, Frameworks, and Systems  
Multimedia and Hypermedia Software Engineering  
Smart Spaces  
Pervasive Computing  
Swarm intelligence  
Soft Computing  
Software Architecture  
Software Assurance

Software Domain Modeling and Meta-Modeling  
Software dependability  
Software economics  
Software Engineering Decision Support  
Software Engineering Tools and Environments  
Software Maintenance and Evolution  
Software Process Modeling  
Software product lines  
Software Quality  
Software Reuse  
Software Safety  
Software Security  
Software Engineering Case Study and Experience Reports  
Web and text mining  
Web-Based Tools, Applications and Environment  
Web-Based Knowledge Management  
Web-Based Tools, Systems, and Environments  
Web and Data Mining

## Hotel Information

The hotel has made available for these limited dates (6/30 - 7/5/2014) to SEKE 2014 attendees a discount rate of \$159 US dollars or \$169 Canadian dollars (whichever one is cheaper at the time of conference) per room, per night, single/double occupancy, not including sales tax.

## Information for authors

Papers must be written in English. An electronic version (Postscript, PDF, or MS Word format) of the full paper should be submitted using the following URL: <https://www.easychair.org/conferences/?conf=seke2014>. Manuscript must include a 200-word abstract and no more than 6 pages of IEEE double column text (include figures and references).

All submissions must not be published or under consideration for publication in a journal or in a conference with proceedings. Papers will be evaluated based on originality, significance, technical soundness and clarity of exposition. Depending upon the results of evaluation a paper may be accepted as regular paper (6 pages), short paper (4 pages) or poster (poster presentation only).

## Information for reviewers

Papers submitted to SEKE2014 will be reviewed online. The users (webmaster, program chair, reviewers...) can login using the following URL: <https://www.easychair.org/conferences/?conf=seke2014>.

## Contact Information

SEKE2014 Conference Secretariat  
Knowledge Systems Institute  
156 Park Square, Pittsburgh, PA 15238, USA  
E-mail: [seke2014@easychair.org](mailto:seke2014@easychair.org)

## Important dates

*Paper submission due: March 1, 2014*  
*Notification of acceptance: April 20, 2014*  
*Camera-ready copy: May 20, 2014*  
*Early conference registration due: May 20, 2014*

## Conference listed by

DBLP  
INSPEC  
Compendex  
Library of Congress  
AllConferences.com  
WikiCFP

## Conference Organization

S. K. Chang, Univ. of Pittsburgh, USA, Steering Comm. Chair  
Swapna Gilkhal, Univ. of Connecticut, USA, General chair  
Marek Reformat, University of Alberta, Canada, PC chair  
Haiping Xu, University of Massachusetts Dartmouth, USA, PC co-chair  
Claudia Werner, Federal Univ. of Rio de Janeiro, Brazil, PC co-chair  
Kehan Gao, Eastern Connecticut State University, USA, PC co-chair