

# SEKE 2010 Call For Papers

## The Twenty-Second International Conference on Software Engineering and Knowledge Engineering

Hotel Sofitel, San Francisco Bay, USA  
July 1 - July 3, 2010

Organized by  
**Knowledge Systems Institute Graduate School**

The Twenty-Second International Conference on Software Engineering and Knowledge Engineering (SEKE'10) will be held at the Hotel Sofitel, Redwood City, California, USA, July 1-3, 2010.

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.

### TOPICS

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

### CONFERENCE SITE (HOTEL INFORMATION)

The SEKE 2010 Conference will be held at the Hotel Sofitel, Redwood City, California, USA. The hotel has made available for these limited dates (6/30 - 7/4/2009) to SEKE 2010 attendees a discount rate of \$89 US dollars for single/double, 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: <http://conf.ksi.edu/seke10/submit/SubmitPaper.php>. Please use Internet Explorer as the browser. Manuscript must include a 200-word abstract and no more than 6 pages of IEEE double column text (include figures and references). Workshop papers should be submitted to the workshops directly.

### INFORMATION FOR REVIEWERS

Papers submitted to SEKE'10 will be reviewed electronically. The users (webmaster, program chair, reviewers...) can login using the following URL: <http://conf.ksi.edu/seke10/review/pass.php>.

If you have any questions or run into problems, please send e-mail to: [seke10@ksi.edu](mailto:seke10@ksi.edu).

SEKE 2010 Conference Secretariat  
Knowledge Systems Institute Graduate School  
3420 Main Street  
Skokie, IL 60076 USA  
Tel: 847-679-3135  
Fax: 847-679-3166  
E-mail: [seke10@ksi.edu](mailto:seke10@ksi.edu)

### IMPORTANT DATES

March 2, 2010      Paper submission due  
April 15, 2010     Notification of acceptance  
May 10, 2010      Camera-Ready Copy