

SEKE 2010 Call For Papers

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

www.ksi.edu/seke/seke10.html

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).

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.

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

IMPORTANT DATES

March 22, 2010 Paper submission due (*Firm*)
April 20, 2010 Notification of acceptance
May 10, 2010 Camera-Ready Copy