SEKE 2008 Call For Papers

The Twentieth International Conference on Software Engineering and Knowledge Engineering

Hotel Sofitel, San Francisco Bay, USA
July 1 - July 3, 2008

Organized by
Knowledge Systems Institute Graduate School

The Twentieth International Conference on Software Engineering and Knowledge Engineering (SEKE08) will be held at Hotel Sofitel, Redwood City, California, USA, July 1-3, 2008.

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
Solicited topics include, but are not limited to:
- Agent architectures, ontologies, languages and protocols
- Agent-based learning and knowledge discovery
- Agent-based software engineering
- Autonomic computing
- Agent-based auctions and marketplaces
- Adaptive Systems
- Artificial Intelligence Approaches to Software Engineering
- Artificial life and societies
- Automated Reasoning
- Automated Software Design and Synthesis
- Automated Software Specification
- Component-Based Software Engineering
- Computer-Supported Cooperative Work
- Data cleansing and noise reduction
- Data streams and incremental mining
- Data visualization
- E-Commerce Solutions and Applications
- Embedded and Ubiquitous Software Engineering
- Electronic Commerce
- Enterprise Software, Middleware, and Tools
- Formal Methods
- Human-Computer Interaction
- Industry System Experience and Report
- Integrity, Security, and Fault-Tolerance
- Interface agents
- Knowledge Acquisition
- Knowledge-Based and Expert Systems
- Knowledge Representation and Retrieval
- Knowledge Engineering Tools and Techniques
- Knowledge Visualization
- Learning Software Organization
- Measurement and Empirical Software Engineering
- Middleware for service based systems
- Mobile agents
- Mobile Commerce Technology and Application Systems
- Mobile Systems
- Multi-agent systems
- Multimedia Applications, Frameworks, and Systems
- Multimedia and Hypermedia Software Engineering
- Ontologies and Methodologies
- Patterns and Frameworks
- Pervasive Computing
- Process and Workflow Management
- Programming Languages and Software Engineering
- Program Understanding
- Quality of services
- Reflection and Metadata Approaches
- Reliability
- Requirements Engineering
- Reverse Engineering
- Runtime service management
- Secure mobile and multi-agent systems
- Semantic web
- Service-centric software engineering
- Service oriented requirements engineering
- Service oriented architectures
- Service discovery and composition
- Service level agreements (drafting, negotiation, monitoring and management)
- Smart Spaces
- Soft Computing
- Software Architecture
- Software Assurance
- Software Domain Modeling and Meta-Modeling
- Software dependability
- Software economics
- Software Engineering Case Study and Experience Reports
- 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
- Swarm intelligence
- System Applications and Experience
- Time and Knowledge Management Tools
- Tutoring, Documentation Systems
- Uncertainty Knowledge Management
- Validation and Verification
- 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 SEKE2008 Conference will be held at the Hotel Sofitel, Redwood City, and San Francisco Bay, USA. The hotel has made available for these limited dates (7/1/2008 - 7/3/2008) to SEKE2008 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/seke08/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 SEKE08 will be reviewed electronically. The users (webmaster, program chair, reviewers...) can login using the following URL: http://conf.ksi.edu/seke08/review/pass.php.

If you have any questions or run into problems, please send e-mail to: seke@ksi.edu.

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IMPORTANT DATES
March 16, 2008 Paper submission due
TBA Notification of acceptance
May 7, 2008 Camera-Ready Copy