

SEKE2015 Call For Papers

The 27th International Conference on Software Engineering and Knowledge Engineering

www.ksi.edu/seke/seke15.html

(Alternate website: ksiresearchorg.ipage.com/seke/seke15.html)

Wyndham Pittsburgh University Center, Pittsburgh, US

July 6 – July 8, 2015

Organized by
KSI Research, USA

Call for Papers

The Twenty-Seventh International Conference on Software Engineering and Knowledge Engineering (SEKE 2015) will be held at Wyndham Pittsburgh University Center, Pittsburgh, USA from July 6 to July 8, 2015.

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

Around forty best ranked papers from the conference will be selected for a super-sized special issue of the [International Journal of Software Engineering and Knowledge Engineering \(IJSEKE\)](http://www.ksi.edu/seke/seke15.html) to be published in December 2015 for early dissemination.

Workshops

Intelligent Transportation Systems (Behrouz Far far@ucalgary.ca)
Mobile Computing (Genny Tortora genny.tortora1@gmail.com)
Software Assurance (Dianxiang Xu dianxiangxu@boisestate.edu)
Test automation (Jerry Gao jerry.gao@sjsu.edu)

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
Mobile agents
Mobile Commerce Technology and Application 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
Runtime service management
Semantic web
Requirements Engineering
Agent-based software engineering
Artificial Intelligence Approaches to Software Engineering
Component-Based Software Engineering
Automated Software Specification, 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
Data and Knowledge Visualization
Uncertainty Knowledge Management
Ontologies and Methodologies
Learning Software Organization
Human-Computer Interaction
Multimedia Applications, Frameworks, and Systems
Multimedia and Hypermedia Software Engineering
Smart Spaces
Pervasive Computing
Slow Intelligence Systems
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-Based Tools, Systems, Applications, and Environment
Web-Based Knowledge Management
Web and Data Mining

Hotel Information

The hotel has made available for these limited dates (7/5 - 7/9/2015) to SEKE 2015 attendees a discount rate of \$119 US dollars 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=seke2015>. Manuscript must include a 200-word abstract and no more than 6 pages of 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 research notes (1 page, poster presentation and/or demo only).

Information for reviewers

Papers submitted to SEKE2015 will be reviewed online. Reviewers (webmaster, program chair, reviewers...) can login using the following URL: <https://www.easychair.org/conferences/?conf=seke2015>.

Contact Information

SEKE2015 Conference Secretariat
KSI Research
156 Park Square, Pittsburgh, PA 15238, USA
E-mail: seke2015@easychair.org

Important dates

Paper submission due: March 15, 2015
Notification of acceptance: April 20, 2015
Revised paper for the proceedings: May 20, 2015
Early conference registration due: May 20, 2015

Conference Organization

S. K. Chang, Univ. of Pittsburgh, USA, Steering Comm. Chair
Marek Reformat, University of Alberta, Canada, General chair
Haiping Xu, University of Massachusetts Dartmouth, USA, PC chair
Kehan Gao, Eastern Connecticut State University, USA, PC co-chair
Shihong Huang, Florida Atlantic University, USA, PC co-chair
Farshad Samimi, Enphase Energy, USA, Demo&Poster Chair
Dragutin Petkovic, San Francisco State U., USA, Demo&Poster Chair
Xiaoying Bai, Tsinghua University, China, Publicity Chair
Jun Suzuki, Univ. of Massachusetts Boston, USA, Publicity co-chair
Hironori Washizaki, Waseda University, Japan, Asia Liaison
Raul Garcia Castro, Univ.Politecnica de Madrid, Spain, Europe Liaison
Swapan Bhattacharya, NIT Karnataka, Surathakl, India, India Liaison
Jose Carlos Maldonado, ICMC-USP, Brazil, South America Liaison

International Program Committee www.ksi.edu/seke/seke15pc.html