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 JISEKE 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 (JISEKE) 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.

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
Jose Carlos Maldonado, ICMC-USP, Brazil, South America Liaison

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