

DUE TO SEVERAL REQUESTS, THE SUBMISSION DEADLINE IS EXTENDED TO  
APRIL 26, 2012 !!!

**10th Joint Conference on Knowledge - Based Software Engineering  
( JCKBSE 2012 )**

23-26 August 2012, Rodos Palace, Rhodes - Greece

<http://jckbse12.unipi.gr>

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**AIMS AND SCOPE**  
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The Joint Conference on Knowledge-Based Software Engineering brings together researchers and practitioners to share ideas on the foundations, techniques, tools, and applications of knowledge-based software engineering theory and practice. We invite contributions that address theoretical foundations, practical techniques, software tools, applications and/or experience reports in knowledge-based software engineering.

This is the 10th JCKBSE held biannually and steered by the following international steering committee:

Christo Dichev, Winston-Salem State University, USA  
Atsushi Ohnishi, Ritsumeikan University, Japan  
Vadim L. Stefanuk, IITP Russian Academy of Sciences, Russia  
Pavol Navrat, Slovak University of Technology, Slovakia  
Ivan Rozman, University of Maribor, Slovenia  
Shuichiro Yamamoto, Nagoya University, Japan

**Conference Co-Chairs:**

Prof. Maria Virvou, Department of Informatics University of Piraeus,  
Greece.

Prof. Saeko Matsuura, Shibaura Institute of Technology, Japan.

Program Committee Co-Chairs:

Prof. Maria Virvou, Department of Informatics University of Piraeus,  
Greece.

Prof. Saeko Matsuura, Shibaura Institute of Technology, Japan.

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**TOPICS**  
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Topics of interest include, but are not limited to:

Architectures for knowledge-based shells  
Architecture of knowledge-based systems, including intelligent agents  
and softbots  
Development processes for knowledge-based applications  
Internet-based interactive applications  
Software tools assisting the development  
Knowledge acquisition  
Empirical /evaluation studies for knowledge-based applications  
Intelligent user interfaces and human-machine interaction  
Development of user models  
Development of multi-modal interfaces  
Software life cycle of intelligent interactive systems  
Knowledge technologies for semantic web  
Ontologies and patterns in UML modeling  
Knowledge technologies for web services  
Knowledge-based requirements engineering, domain analysis and modeling  
Knowledge engineering for process management and project management  
Methodology and tools for knowledge discovery and data mining  
Automating software design and synthesis  
Knowledge-based methods and tools for testing, verification and  
validation, maintenance and evolution  
Decision support methods for software engineering  
Knowledge management for business processes, workflows and enterprise  
modeling  
Program understanding, programming knowledge, modeling programs and  
programmers  
Knowledge-based methods and tools for software engineering education  
Software engineering methods for Intelligent Tutoring Systems  
Knowledge-based methods for software metrics

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**PROCEEDINGS**  
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Accepted papers will be published by IOS Press, Netherlands in Series  
"Frontiers in Artificial Intelligence and Applications" and will be

available at the conference.

Selected papers from the conference will be considered for publication in a special issue of IEICE in Japan:

<http://www.ieice.org/eng/index.html>

and a special issue of International Journal of Computational Intelligence Studies, Inderscience:

<http://http://www.inderscience.com/browse/index.php?journalCODE=ijcistudies>

Former JCKBSE conferences:

9th JCKBSE, Kaunas, Lithuania, August 25-27, 2010

8th JCKBSE, Piraeus, Greece, August 25-28, 2008

7th JCKBSE, Tallinn, Estonia, August 28-31, 2006

6th JCKBSE, Protvino, Russia, August 25-27, 2004

5th JCKBSE, Maribor, Slovenia, September 11-13, 2002

4th JCKBSE, Brno, Czech Republic, September 12-14, 2000

3rd JCKBSE, Smolenice, Slovakia, September 9-11, 1998

2nd JCKBSE, Sozopol, Bulgaria, September 21-22, 1996

1st JCKBSE, Pereslavl-Zalesskii, Russia, May 10-13, 1994

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#### IMPORTANT DATES

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Paper Submission: **April 26, 2012 (EXTENDED !)**

Author Notification: May 10, 2012

Camera-Ready Paper Submission: May 20, 2012

Early Conference Registration: May 20 - June 15, 2012

Conference Dates : August 23-26, 2012