

User Modeling and User-Adapted Interaction

An International Journal

Editor:

Alfred Kobsa; *Dept. of Information Science, University of Konstanz, Germany*

User Modeling and User-Adapted Interaction provides an interdisciplinary forum for the dissemination of new research results on all aspects of user modeling and user-adapted interaction. The journal publishes high quality original papers contributing to these fields, including the following areas:

- acquisition of user and student models
- conceptual models, mental models
- dialog planning and response tailoring
- levels of user expertise
- explanation strategies
- intelligent information retrieval
- plan recognition and generation
- presentation planning
- recognition and correction of misconceptions
- user stereotypes
- formal representation of user and student models
- shell systems for user modeling
- tutoring strategies

Relevant papers from the fields of psychology, linguistics and the instructional sciences are also considered if they bear implications for the design of computational systems.

The central audience of the journal is provided by researchers, students and industrial practitioners from the following areas: artificial intelligence (focus on knowledge-based systems), human-computer interaction (focus on cognitive engineering and intelligent interfaces), linguistics (focus on pragmatics and dialog models), and the instructional sciences (focus on computer-based tutoring systems).

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Topics of particular relevance to the *Journal of Intelligent and Robotic Systems* are: computer integrated manufacturing systems, computer vision, diagnostic systems, expert systems, intelligent systems, learning theory, reasoning, robot languages, robotic systems.

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INTERNATIONAL JOURNAL OF SOFTWARE ENGINEERING AND KNOWLEDGE ENGINEERING

Editor-In-Chief: S K Chang

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AIMS AND SCOPE

The *International Journal of Software Engineering and Knowledge Engineering* is published quarterly, March, June, September and December of each year. It is intended to serve as a forum for researchers, practitioners, and developers to exchange ideas and results for the advancement of software engineering and knowledge engineering. Three types of papers are published:

- Research papers reporting original research results
- Technology trend surveys reviewing an area of research in software engineering and knowledge engineering
- Survey articles surveying a broad area in software engineering and knowledge engineering

In addition, tool reviews (no more than three manuscript pages) and book reviews (no more than two manuscript pages) are also welcome.

A central theme of this journal is the interplay between software engineering and knowledge engineering: how knowledge engineering methods can be applied to software engineering, and vice versa. The journal publishes papers in the areas of software engineering methods and practices, object-oriented systems, rapid prototyping, software reuse, cleanroom software engineering, stepwise refinement/enhancement, formal methods of specification, ambiguity in software development, impact of CASE on software development life cycle, knowledge engineering methods and practices, logic programming, expert systems, knowledge-based systems, distributed knowledge-based systems, deductive database systems, knowledge representations, knowledge-based systems in language translation and processing, software and knowledge-ware maintenance, reverse engineering in software design, and applications in various domains of interest.

Suggestions for *special issues* are welcome. To propose a special issue, a one-page proposal should be submitted to the Editor-in-Chief, containing the following information: title; purpose; scope; a list of potential contributors and tentative paper titles; time-table (submission and review deadlines, intended publication date); and guest editor's address, phone, fax and e-mail address. Once approved, the guest editor will be fully responsible for the special issue and should follow the normal review procedure of IJSEKE.

The journal IJSEKE is complemented by the annual *International Conference on Software Engineering and Knowledge Engineering* held in June each year. Papers of a preliminary and ongoing nature can first be submitted for presentation at the annual SEKE conferences, and the definitive papers can then be submitted to IJSEKE. Information on both the journal and the SEKE conferences can be obtained from the Editor-in-Chief.

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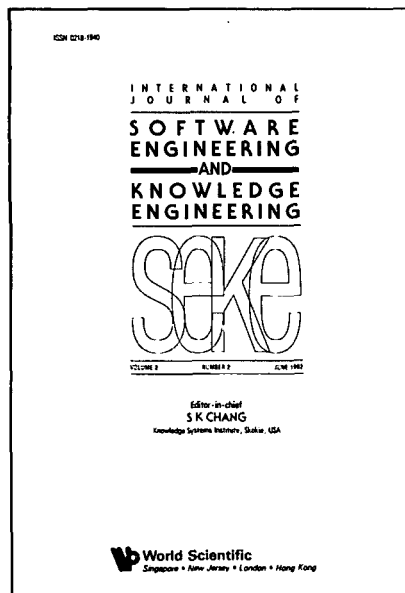
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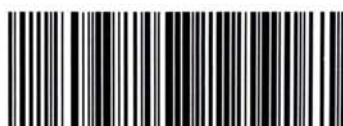
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