

Second Call for Papers

INTERNATIONAL WORKSHOP ON WEB ENGINEERING

to be held in conjunction with fifteenth international conference on
Software Engineering and Knowledge Engineering 2003
Hotel Sofitel, San Francisco Bay, USA,
July 1-3 2003

While Web technologies march on, tools struggle to keep up and techniques and methods are left far behind; creating major problems in terms of developing complex maintainable Web based systems. Research has shown many Web based systems do not meet the business needs nor have the necessary functionality. Also these projects often run over time and budget. In order to develop and maintain quality, large Web based systems, we need to follow disciplined approaches and use sound methodologies.

The purpose of this workshop is to explore the state of the art in Web based application development methodologies and approaches, architectures, performance and scalability, new technologies, security, quality assurance and other issues related to development of large complex Web systems.

SUBMISSION OF PAPERS

Prospective authors are invited to submit original papers in all areas of the Web Engineering. Topics of interest include but are not limited to:

- Technologies: XML, RDF and Semantic Web
- SOAP and Web Services
- Web-based system development methodologies and techniques
- Web based application architectures
- Testing, verification and validation techniques and tools
- Quality assurance of Web based systems
- Performance specification and evaluation
- Designing for scalability and maintenance
- User-centric development, user modeling, user involvement and feedback
- End-user application development
- Web project planning and management
- "Web metrics" - metrics for effort estimation
- Development models, teams, staffing
- Integration with legacy systems; Migration of legacy system to Web environments
- Web-based real-time applications development
- Human, cultural, privacy and legal aspects
- Case Studies and directions for further work

Please submit your paper electronically in pdf form to the Workshop Chair.

IMPORTANT DATES

Paper submission deadline: **March 5, 2003**

Notification of acceptance: **April 15, 2003**

Camera-ready copy: **May 1, 2003**

Workshop: **July 1-3, 2003**

FORMAT OF PAPERS

Accepted papers that are presented at the workshop will be included in the Conference proceedings. Therefore the format of the workshop papers needs to be the same as the SEKE03 conference papers. (www.ksi.edu/seke/seke03.html)

Two categories of papers are to be accepted: regular papers (8 pages in the proceedings) and short papers (4 pages in the proceedings). The presentation time is the same as the main conference (about twenty minutes plus five minutes Questions and Answers). A selected number of papers from this workshop will be invited to a special issue of the International Journal on Software Engineering and Knowledge Engineering (IJSEKE). All the submitted papers to the workshop will be reviewed by at least 3 international experts in the area.

WORKSHOP CHAIR

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WORKSHOP PROGRAM COMMITTEE

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