

IET Software Call for Papers



SPECIAL ISSUE ON: Web and Requirements Engineering

In the last decade, the number and complexity of Web-based software systems and the amount of information they offer has been continuously growing. In the context of Software Engineering, design methods and methodologies were introduced to provide mechanisms to develop these complex Web applications and Rich Internet Applications (RIAs) in a systematic way. Most of these methodologies focus on implementation and neglect other tasks such as requirement analysis and quality management. Although the relevance of Requirements Engineering is well known these techniques should be studied more widely in the Web Engineering community due to the complexity of Web Engineering problems (such as the changing nature of the stakeholders or the diversity of Web-related requirements). On the other hand, Requirements Engineering is a complex activity whose success depends on stakeholder participation. Therefore, the techniques proposed in the Requirements Engineering field need a more participative environment to support effective collaboration among stakeholders. In this context, the Web (especially Web 2.0 applications), provide a convenient platform that supports active participation by stakeholders in the Requirements Engineering process.

Topics of primary interest include, but are not limited to:

- Web requirements elicitation and analysis
- Web requirements validation and verification
- Web engineering methods and tools supporting requirements
- Traceability in Web requirements
- Modeling of requirements, goals, and domains in Web
- Prototyping and simulation in Web requirements engineering
- Evolution of Web requirements
- Alignment between business and Web requirements
- Social, cultural, and cognitive factors in Web requirements engineering
- User-centred analysis and design
- Domain specific modelling languages addressing requirements for Web applications
- Web 2.0 and requirements engineering
- Requirements engineering for rich internet applications
- Model-driven approaches based on requirements models for Web applications and rich internet applications

There are two ways of submission: invitations to the authors of higher quality papers accepted at the WeRE workshop (<http://gplsi.dlsi.ua.es/congresos/were10>), and an open call for papers. Submitted papers have to be formatted according to the IET Software guidelines (<http://www.ietdl.org/IET-SEN>)

All papers must be submitted through the journal's Manuscript Central system:
<http://mc.manuscriptcentral.com/iet-SEN>

Proposed publication schedule:

Deadline for submission of papers: 28 February 2011
Authors to receive a 1st decision by: 30 June 2011
Final notification of acceptance: 30 August 2011
On-line and print publication: Q4 2011 (subject to IET Schedule)

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