

The 9th International Conference on New Software Methodologies, Tools, and Techniques

SOMET_10
Sept 29 – Oct. 1, 2010
Yokohama, Japan
Mielparque-Yokohama Hotel



Call for Papers



Conference aims and objectives:

The 9th International Conference on New Software Methodologies, Tools, and Techniques, (SoMeT_10) will take place on **September 29–October 1, 2010**, in **Yokohama, Japan**, at **Mielparque-Yokohama Hotel**.

This event is a continuation of an existing series of SOMET.

This conference series highlights and reflects the state-of-art and new trends on software methodologies, tools and techniques.

You are invited to participate in SOMET_10 to help build a forum for exchanging ideas and experiences to foster new directions in software development methodologies and related tools and techniques.

This conference is focused on exploring innovations, controversies, and challenges facing the Software Engineering community today. The conference brings together theory and experience to propose and evaluate solutions to Software Engineering problems. The conference also provides a forum and an opportunity to assess the current state-of-the-art in Software Engineering and to chart

The conference topics include but are not limited to the following topics:

- Requirement engineering, especially for high-assurance system, and requirement elicitation,
- Software methodologies, and tools for robust, reliable, non-fragile software design
- Software development techniques and legacy systems
- Automatic software generation versus reuse, and legacy systems
- Software quality and process assessment for business enterprise models
- Intelligent software systems design, and software evolution techniques
- Agile Software and Lean Methods
- Software optimization and formal methods for software design
- Static, dynamic analysis on software performance model, software maintenance
- Software security tools and techniques, and related Software Engineering models
- Formal techniques for software representation, software testing and validation
- Software reliability, and software diagnosis systems
- Mobile code security tools and techniques
- End-user programming environment, User-centered Adoption-Centric Reengineering techniques
- Ontology, cognitive models and philosophical aspects on software design
- Medical Informatics, Software methods and application for biomedicine
- Artificial Intelligence Techniques on Software Engineering, and Requirement Engineering
- Software design through interaction, and precognitive software techniques for interactive software entertainment applications
- Creativity and art in software design principles
- Axiomatic based principles on software design
- Model Driven Development (DVD), code centric to model centric software engineering

All papers will be peer-reviewed under the supervision of an international technical program committee for quality, presentation and relevance to the conference.

The Proceedings of the conference will be published as a book by **IOS international publisher** in series: **Frontiers in Artificial Intelligence and Applications**, and distributed at the conference.

<http://www.booksonline.iospress.nl/Content/View.aspx?piid=9>

Submission Details

In general the acceptance will be based on the originality of work, on the suitability of the topic to the workshop, and on the overall quality of your submission. Papers would be submitted through the URL: <https://cmt.research.microsoft.com/SOMET2010/>
For more details please refer to: http://www.somet.soft.iwate-pu.ac.jp/somet_10/submission.html

The paper submission deadline is: **31 March 2010**.

The acceptance letters with reviewing comments would be sent by: **10 May 2010**

In the case of acceptance, please, send your Camera-Ready copy according to **IOS format** should be up to 20–22 A4 pages for Regular paper, and up to 10 pages for Short papers.

The final Camera-Ready copy, for inclusion in the IOS book series (Frontiers in Artificial Intelligence and Applications) to arrive no later than: **10 June 2010**.

Program Chair

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Special issue

The International Journal **Knowledge-Based Systems** intends to publish a special issue 2010, closely associated with the Conference. The **Conference Chair**, will edit this issue. The authors of selected best papers would be invited to publish journal versions as special issue in (**Knowledge-Based Systems**):
<http://ees.elsevier.com/knossys/>

The conference is supported by Japan Society of Promotion of Science (JSPS) and others



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Microsoft



For further information please visit: http://www.somet.soft.iwate-pu.ac.jp/somet_10/