The 11th International Conference on Intelligent Software Methodologies, Tools, and Techniques!

CONFERENCE AIMS AND OBJECTIVES:

The 11th International Conference on Intelligent Software Methodologies, Tools, and Techniques (SOMET_12) will take place on September 26-28, 2012, in Genoa, Italy. 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_12 to help build a forum for exchanging ideas and experiences to foster new directions in software development methodologies and related tools and techniques.

The 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 intelligent Software techniques and to chart future science initiatives from experience to theory. This workshop is an opportunity for us in the software science community to think about where we are and today and where we are going.

The area of this workshop will emphasize on but not limited to:

- Requirement engineering, especially for high-assurance systems, and requirement elicitation
- Software methodologies, and tools for robust, reliable, non-fragile software design
- Software developments 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 for 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 precomputational software techniques for interactive software entertainment applications
- Creativity and art in software design principles
- Axiomatic based principles on software design
- Model Driven Development (MDD), code centric to model centric software engineering
- Medical Informatics and bioinformatics, Software methods and application for biomedicine and bioinformatics
- Emergency Management Informatics, software methods and application for supporting Civil Protection, First Response and Disaster Recovery
- Others software Science disciplines (goto the conference home page for more details)

All papers will be peer-reviewed under the supervision of an international technical program committee. The papers 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.booksline.iiospress.nl/Content/View.aspx?pid=9 that is indexed by SCOPUS and selected by the Elsevier database coverage.

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 will be submitted through the URL: https://emt-research.microsoft.com/SOMET2012/

For more details please refer to: http://www.sometsoft.iwate-pu.ac.jp/somet_12

The paper submission deadline is: **14th April 2012**.

The acceptance letters with reviewing comments will be sent by **10 May 2012**.

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 2012**.

In the case of acceptance, please, send your Camera-Ready copy according to IOS format (http://www.iiospress.nl/authco/instruction_crc.html), should be up to 20 A4 pages for Regular paper, and up to 10 pages for Short papers.

For the further information on submission, please refer to:

http://www.sometsoft.iwate-pu.ac.jp/somet_12/