SoMeT_12

SoMeT 2012
The 11th International Conference on
Intelligent Software Methodologies, Tools and Techniques

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

August 29 to 31, 2012

University of Ottawa
Ottawa, Canada

Conference aims and objectives:

The 11th International Conference on Intelligent Software Methodologies, Tools, and Techniques（SOMET_12）will take place on August 28 to 31 2012, at palace of Ottawa, Canada.

This conference series highlights and reflects the state-of-art and new trends in intelligent software methodologies and case tools and techniques. This year's conference will emphasize software ontologies and related software solutions and disciplines for intelligent systems.

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 topics include but are not limited to the following:

◎ 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
◎ 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
◎ 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
◎ Software Engineering for Knowledge management and Knowledge Engineering
◎ New approaches to software development

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The Paper Submission Deadline:31 March 2012
The Acceptance Notification:10 May 2012
The Final Camera-Ready Copy:10 June 2012

for more details refer to conference home page.
http://www.somet.soft.iwate-pu.ac.jp/somet_12/

The best papers will be chosen and published in a special issue in the Elsevier International Journal on Knowledge-Based Systems:
http://ees.elsevier.com/knosys/