

# The 8<sup>th</sup> International Conference on New Software Methodologies, Tools, and Techniques (SoMeT\_09)



September 23 -25, 2009  
Prague, Czech Republic

## Call for Papers



The 8<sup>th</sup> International Conference on New Software Methodologies, Tools, and Techniques (SoMeT\_09) will take place at Hotel Christie on **September 23 - 25, 2009**, in **Prague, Czech Republic**. This event is a continuation of an existing series.

This conference series highlights and reflects the state-of-art and new trends in software methodologies and case tools and techniques. This year's conference will emphasize software ontologies and related software engineering techniques. You are invited to participate in **SoMeT\_09** 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 future directions for the Software Engineering community.

### 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 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
- 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 planning and scheduling Systems
- Model Driven Development (DVD), code centric to model centric software engineering
- Others software engineering disciplines

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?pld=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/SOMET2009/>

For more details please refer to: <http://www.action-m.com/somet2009/submission.php>

**The extended paper submission deadline is: April 15, 2009.**

The acceptance letters with reviewing comments will be sent by: **May 10, 2009**

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: **June 10, 2009.**

### Program Chairs

**Hamido Fujita** Iwate Prefectural University, Iwate Japan  
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### Program Committee

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**Biplin Indurkha** IIIT, Hyderabad, India  
**Luigi Logrippo** University of Quebec at Outaouais, Quebec, Canada  
**Mourad Debbabi** Concordia University, Montreal, Canada  
**Mohamed Mejri** Laval University, Quebec, Canada  
**Kamel Adi** University of Quebec at Outaouais, Quebec, Canada  
**Imran A. Zualkernan** American University of Sharjah, UAE  
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**Remigijus Gustas** Karlstad University, Sweden  
**Paul Johannesson** Royal Institute of Technology, Sweden  
**Love Ekenberg** Stockholm University, Sweden  
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**Pierre-Jean Charrel** University of Toulouse\_2, Toulouse, France  
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**Jun Sasaki** Iwate Prefectural University, Japan  
**Jun Hakura** Iwate Prefectural University, Japan  
**Nikolay Mirenkov** Aizu University, Fukushima, Japan  
**Rafa Al-Qutalsh** Al-Zaytoonah, University of Jordan, Jordan  
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### Organizing Committee

**Barbora Jeníková** Czech Technical University, Prague, Czech Republic  
**Pavla Kozáková** Action M Agency, Prague, Czech Republic  
**Milena Zelhamlová** Action M Agency, Prague, Czech Republic

### Special Issue

The International Journal **Knowledge-Based Systems** intends to publish a special issue 2009, closely associated with the Conference. The **Conference Chairs**, and the **General Editor of the Journal**, **Professor Ernest Edmonds**, will *jointly* edit this issue. The authors of selected conference papers would be invited to publish journal versions of them in the special issue.

(**Knowledge-Based Systems home page** :  
<http://www.elsevier.nl/locate/knosys>)



<http://www.action-m.com/somet2009/>