The 7h International Conference on
New Software Methodologies, Tools, and Techniques

SOMET-08
October 15 –17, 2008
American University Sharjah
Sharjah, UAE

Call for Papers

Conference aims and objectives:

The 7th International Conference on New Software Methodologies, Tools, and Techniques, (**SOMET_08**) will take place on **October 15-17, 2008, at American University of Sharjah, Sharjah, UAE**. 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-08 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 is focused on, but not limited to the following areas:

- **Requirement engineering, especially for high-assurance system, and requirement elicitation,**
- **Software methodologies, and tools for robust, reliable, non-fragile software design**
- **Lyee-oriented software developments techniques and Lyee 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**

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/SOMET2008/** For more details please refer to: **http://www.somet.soft.iwate-pu.ac.jp/somet_08/submission.html**

The paper submission deadline is: 1st May 2008.

The acceptance letters with reviewing comments will be sent by: **10 June 2008**

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 July 2007**.

For the further information on submission, please refer to:
http://www.somet.soft.iwate-pu.ac.jp/somet_08

http://www.aus.edu/

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Special issue
The International Journal **Knowledge-Based Systems** intends to publish a special issue 2008, closely associated with the Conference. The **Conference Chair, Professor Hamido Fujita**, 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.somet.soft.iwate-pu.ac.jp/somet_08