

The 16th International Conference on Intelligent Software Methodologies, Tools, and Techniques

SOMET-17
September 26~28, 2017
Kitakyushu, Japan



CALL of PAPER (SOMET_17)



Conference aim and objectives:

The 16th International Conference on Intelligent Software Methodologies, Tools, and Techniques (SOMET_17) will take place on September 26~28, 2017, in Kitakyushu city, Japan

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_17 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 intelligent Software techniques and to chart software science initiated 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 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
- 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
- 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 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://ebooks.iospress.nl/bookseries/frontiers-in-artificial-intelligence-and-applications> that is indexed by **SCOPUS** and Selected by the **Elsevier** databases 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 would be submitted through the URL: <https://cmt3.research.microsoft.com/SOMET2017>.

For more details please refer to: <http://somet2017.iwate-pu.net/>

The paper submission deadline is: **31 March 2017**.

The acceptance letters with reviewing comments would be sent by: **15 May 2017**

In the case of acceptance, please, send your Camera-Ready copy according to **IOS format** should be up to 16 A4 pages for Regular paper, and up to 10 pages for Short papers.

The final Camera-Ready copy, for inclusion in the: Book series: **Frontiers in Artificial Intelligence and Applications** and distributed at the conference. This series is indexed in Scopus.

In the case of acceptance, please, send your Camera-Ready copy according to **IOS format** (<http://www.iospress.nl/service/authors/latex-and-word-tools-for-book-authors/>), should be up to 16 A4 pages for Regular paper, and up to 10 pages for Short papers. You have to make the arrival of the CRC to arrive no later than: **15 June 2017**; and submitted through the CMT.

For further information on submission, please refer to:

<http://somet2017.iwate-pu.net/>

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Special issue

The International Journal **Knowledge-Based Systems** intends to publish a special issue 2017, The authors of selected papers will be invited to submit journal extended versions to the special issue on specific topics to be decided..

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