SOMET 2018, Sept 26-28 GRANADA, Spain

The 17th International Conference on Intelligent Software Methodologies, Tools, and Techniques (SOMET 18)

CALL FOR PAPERS, SOMET 2018, Sept 26-28,2018

The conference SOMET highlights and reflects the state-of-art and new trends on software methodologies, tools and techniques. You are invited to participate 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

TOPICS of SOMET include, but no limited:

- Requirement engineering, especially for high 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
- 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
- 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
- Software methods for medical Informatics, bioinformatics, and bioinformatics
- Emergency Management Informatics, software methods for supporting Civil Protection, First Response and Disaster Recovery
- Software methods for decision support systems and recommender systems

SUBMISSIONS & PUBLICATIONS:

- Papers must be submitted through https://cmt3.research.microsoft.com/SOMET2018
- Papers must be written by using the IOS format (http://www.iospress.nl/service/authors/latex-and-word-tools-for-book-authors/), up to 14 A4 pages for Regular paper, and up to 10 pages for Short papers.
- The Proceedings of the conference will be published as a book by IOS international publisher in series: Frontiers in Artificial Intelligence and Applications, that is indexed by SCOPUS

IMPORTANT DATES:

Submission deadline: ~~March 31 2018~~ -> **Extended to April 15, 2018**
Final Camera-ready Paper due: **June 15 2018**
Registration period: **June 2th 2018 to July 4th 2018**

More information: http://secaba.ugr.es/SOMET2018

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Program committee:
See in the web page of the conference.

SPECIAL ISSUE:

The International Journal Knowledge-Based Systems intends to publish a special issue 2018. The authors of selected papers will be invited to submit journal extended versions to the special issue on specific topics to be decided.