

The 22nd International Conference on Intelligent Software Methodologies, Tools, and Techniques

SOMET-23
September 20~22,
2023
Naples, Italy



CALL of PAPER (SOMET_23)



Conference aim and objectives:

The 22nd International Conference on Intelligent Software Methodologies, Tools, and Techniques (SOMET_23) will take place on September 20~22, 2023, in Naples, Italy. 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_23 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 emphasis on but not limited:

- Modeling and Simulation in Operations Management
- Software application in Logistics and Supply Chain Management
- 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

All papers will be peer-reviewed under the supervision of an international technical program committee for quality, presentation and relevance to the conference.

The submissions will be peer-reviewed for originality and scientific quality. The proceedings will be published by IOS-Press and be available at the Conference. Papers should follow the instructions available at <https://www.iospress.com/book-article-instructions> and should not exceed 12 pages. .

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/SOMET2023/>

For more details please refer to:

<http://www.impianti.unina.it/somet2023>

The paper submission deadline is: ~~01th April 2023~~ **May 1, 2023**

The acceptance letters with reviewing comments would be sent by: ~~15 May 2023~~ **June 1, 2023**

In the case of acceptance, please, send your Camera-Ready copy according to **IOS Press format** should be up to 12 A4 pages for Regular paper, and up to 10 pages for Short papers.

The final Camera-Ready copy has to arrive no later than: ~~15 June 2023~~ **June 30, 2023**

For the further information on submission, please refer to:

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<http://www.impianti.unina.it/somet2023/>