

The 14th International Conference on Intelligent Software Methodologies, Tools, and Techniques

SOMET-15
September 15~17
2015
Naples, Italy



CALL of PAPER (SOMET_15)



Conference aim and objectives:

The 14 International Conference on Intelligent Software Methodologies, Tools, and Techniques (SOMET_15) will take place on September 15~17, 2015, 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_15 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 conference 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:

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

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 Springer-Verlag and be available at the Conference. Papers should follow the LaTeX series format as described at [Springer-Verlag's website](http://www.springer.com/series/7899) and should not exceed 12 pages.

As part of the concomitant Summer School in Industrial Plants, was organized the special track:
Production and Service Delivery supporting Intelligent Information Technologies

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/SOMET2015/>
For more details please refer to:

<http://www.impianti.unina.it/somet2015>

The paper submission deadline is: **01th April 2015.**

The acceptance letters with reviewing comments would be sent by: **15 May 2015**

In the case of acceptance, please, send your Camera-Ready copy according to Springer format should be up to 10 pages for Regular paper, and up to 8 pages for Short papers.

The final Camera-Ready copy, for inclusion in the CCIS (Communications in Computer and Information Science) book series (<http://www.springer.com/series/7899>) to arrive no later than: **15 June 2015.** Authors' paper templates, instruction page here:

<http://www.springer.com/computer/lncs?SGWID=0-164-6-793341-0>,

General Chair

Hamido Fujita, Iwate Prefectural University, Iwate, Japan
e-mail : issam@iwate-pu.ac.jp

Program Chair:

Guido Guizzi, University of Naples "Federico II", Italy
email: g.guizzi@unina.it

Organizing Committee:

Roberto Revetria, University of Genoa, Italy
Elpidio Romano, University of Naples "Federico II", Italy
Mosè Gallo, University of Naples "Federico II", Italy
Antonio Tufano, Telematic University Pegaso, Italy

Honorary Chairs:

Tina Santillo, University of Naples "Federico II", Italy
Danilo Iervolino, Telematic University Pegaso, Italy

Program committee:(Tentative)

Alexander Vazhenin University of Aizu Fukushima Japan
Ali Selamat Universiti Teknologi Malaysia Malaysia
Anna-Maria Di Sciullo University de Quebec de Montreal Canada
Claudio De Lazzari IFC-CNR Rome Italy
Clemens Schäfer IT Factum GmbH Germany
Colety Rolland University de Paris_1-Pantheon Sorbonne Paris France
Dmitry Mouromtsev University of IT Saint Petersburg Russia
Domenico Pisanelli ISTC-CNR Rome Italy
Elke Pulvermueller University of Osnabrueck Germany
Elpidio Romano University of Naples "Federico II" Italy
Fritz Solms Solms TCD Johannesburg South Africa
Guido Guizzi University of Naples "Federico II" Italy
Hector Perez-Meana National Polytechnic Institute of Mexico Mexico
Igor Kotenko St. Petersburg Institute for Informatics and Automation Russia
Jamal Bentahar Concordia University Montreal Canada
Jun Hakura Iwate Prefectural University Japan
Love Ekenberg Stockholm University Sweden
Milan Vlach Charles University Prague Czech
Paul Johannesson Royal Institute of Technology Sweden
Hector Perez-Meana National Polytechnic Institute of Mexico Mexico
Michael Oudshoorn Montana State University Bozeman USA
Milan Vlach Charles University Prague Czech
Mohamed Mejri Laval University Quebec Canada
Mosè Gallo University of Naples "Federico II" Italy
Nikolay Mirenkov Aizu University Fukushima Japan
Paul Johannesson Royal Institute of Technology Sweden
Piero Giribone UNIVERSITY of Genoa Italy
Raoof Khan King Faisal University Saudi Arabia
Rikio Maruta SANGIKYO Co. Yokohama Japan
Rimantas Butleris Kaunas University of Technology Lithuania
Roberto Mosca University of Genoa Italy
Roberto Revetria University of Genoa Italy
Roselina Sallehuddin Universiti Teknologi Malaysia
Rudolf Keller PMOD Zurich Switzerland
Rudolf Keller PMOD Zurich Switzerland
Sergei Gorlatch University of Muenster Germany
Sigeru Omatu Osaka Institute of Technology, Japan
Tatiana Gavrilova Saint Petersburg University Russia
Tatiana Gavrilova Saint Petersburg University Russia
Teresa Murino University of Naples "Federico II" Italy
Tina Santillo University of Naples "Federico II" Italy
Victor Malyskin Russian Academy of Sciences Russia



Springer



Special issue

The International Journal [Knowledge-Based Systems](http://www.springer.com/series/7899) intends to publish a special issue. The authors of selected papers will be invited to submit journal extended versions to the special issue on specific topics to be decided..

For more details please look to <http://www.impianti.unina.it/somet2015/>