

SoMeT 2013 Program

updated on September 16

September 23, Monday

8:30 – 9:00 **Opening Ceremony**

9:00 – 10:15 **Session M1**

Session chair: Jun Sasaki (Iwate Pref. University, Japan)

9:00 **Paper 3**

Patterns for Tearing Down Contribution Barriers to FLOSS Projects

Vincent Wolff-Marting* (Paluno - The Ruhr Institute for Software Technology)
Christoph Hannebauer (Paluno)* Volker Gruhn (Paluno - The Ruhr Institute for
Software Technology) Germany

9:25 **Paper 29**

A Strategic – Operative Lean Integrated Model for Small Companies

Giuseppe Naviglio* (Department of Materials Engine)* Teresa Murino (University of
Naples), Italy

9:50 **Paper 31**

A Reason to Optimize Information Processing With a Core Property of Natural Language

Anna Maria Di Sciuolo* (Université du Québec à Montréal) Canada

10:15 – 10:30 **Coffee break**

10:30 – 12:10 **Session M2**

Session chair: Hector Perez-MeanaA (Instituto Politecnico National, Mexico City, Mexico)

10:30 **Paper 5**

Reasoning about Social Commitments in the Presence of Uncertainty

Jamal Bentahar* (Concordia University)* Khalid Sultan (Concordia University)
Mohamed El Menshawy (Concordia University) Canada

10:55	Paper 27	
Removing Code Duplication with Roles		Fernando Barbosa* (Escola Superior de Tecnologia)* Ademar Aguiar (Faculdade de Engenharia da Universidade. do Porto), Portugal
11:20	Paper 4	
Scientifically Experimental Way-of-Working in Conceptual Designing of Software Intensive Systems		Petr Sosnin*, Russia
11:45	Paper 30	
A Persistent Data Storage Design for Real-Time Interactive Applications		Mohammed Nsaif* (University of Muenster) * Sergei Gorlatch (University of Muenster) Max Knemeyer (University of Muenster) Frank Glinka (University of Muenster) Alexander Ploss (University of Muenster) Germany
12:10 – 13:10	Lunch	
13:10 – 15:10	Session M3	
	Session chair: Sergei Gorlatch (Muenster University, Germany)	
13:10	Paper 10	
Prediction of Project Problem Effects on Software Risk Factors		Özgür Cingiz (Yildiz Technical University) Ahmet Unudulmaz (Yildiz Technical University) Oya Kalipsiz* (Yildiz Technical University)* Turkey
13:30	Paper 11	
Access Control Validation by Ontologies		Mohmed Mejri* (Laval University)* etienne-theodore sadio (Laval University) Khadija Arrachid (Laval University) memel-Emmanuel Lathe (Laval University), Canada
13:55	Paper 13	
A System Dynamics approach for the operational control of production		Guido Guizzi* (Univ. of Naples "Federico II")* Daniela Miele (Univ. of Naples "Federico II") Liberatina Carmela Santillo (Univ. of Naples "Federico II") Elpidio Romano (Univ. of Naples "Federico II"), Italy

14:20	Paper 14	
A multi-level fuzzy inference system for developing DSS based on clinical guidelines		Aniello Minutolo* (ICAR-CNR)* Massimo Esposito (ICAR-CNR) Giuseppe De Pietro (ICAR-CNR) Italy
14:45	Paper 15	
Conflict Characterization and Analysis of Non Functional Requirements: An Experimental Approach		Dewi Mairiza (Univ. of Technology Sydney) Didar Zowghi* (Univ. of Technology Sydney) Australia * Vincenzo Gervasi (University of Pisa) Italy
15:10 – 15:25	Coffee break	
15:25 – 17:00	Session M4	
Session chair: Jamal Bentahar (Concordia University) Canada		
15:25	Paper 16	
A resilient approach to manage a Supply Chain Network		Guido Guizzi (Univ. of Naples "Federico II") Daniela Chiocca (Univ. of Naples "Federico II") Liberatina Carmela Santillo (Univ. of Naples "Federico II") Elpidio Romano* (Univ. of Naples "Federico II")* Italy
15:45	Paper 9	
Ontology-based program shell for building and editing multilingual thesauri of subject domains		Yury Zagorulko* (A.P. Ershov Institute of Informatics Systems)* Galina Zagorulko (A.P. Ershov Institute of Informatics Systems) Russia
16:10	Paper 19	
A guideline for choosing the best modeling approach for maritime logistic simulation		Roberto Revetria* (CIELI, University of Genoa)* Alessandro Testa (DIME, University of Genoa) Pietro Giribone (Naples) ,Italy
16:35	Paper 20	
Clustered Computing with NetLogo for the evaluation of asynchronous search techniques		Ionel Muscalagiu* ("Politehnica" University of Ti)* Horia Emil Popa (The Faculty of Mathematics and Informaticsm The University of the West, Romania) Jose Vidal (Computer Science and Engineering,University of South Carolina, USA)

17:00 – 17:15 Coffee break

17:15 – 18:30 Session M5
Session chair: Roberto Revetria (CIELI, University of Genoa, Italy)

17:15 Paper 21

A Semantic Web Platform for Legal Knowledge in Cloud

Claudia Gheorghiu (Faculty of Computer Science, Alexandru Ioan Cuza University of Iasi) Andrei Panu* (Faculty of Computer Science)* Lenuta Alboae (Faculty of Computer Science, Alexandru Ioan Cuza University of Iasi) Romania

17:40 Paper 24

Integrating Model to Support Decision Making

Elpidio Romano* (Univ. of Naples "Federico II")* Guido Guizzi (Univ. of Naples "Federico II") Teresa Murino (University of Naples) Stefania Santini (University of Naples) Manuela Tufo (University of Sannio/ Engineering Department) Italy

18:05 Paper 17

A Representation Method to Simplify Traceability Links between Software Artifacts

Mitsuharu Kitamura* (K.K. puraido)* Masanori Takagi (Iwate Prefectural University) Keizo Yamada (Iwate Prefectural University) Jun Sasaki (IPU) Japan

18:30 Bus departure to venue of the banquet from Óbuda University

19:00 Banquet at Restaurant Halászbástya

September 24, Tuesday

8:35 – 10:15 Session T1

Session chair: Yutaka Watanobe (University of Aizu, Japan)

8:35 Paper 26

A simulation approach for Arc Flow Plasma plant in energy production from organic matrix waste fluid

Giuseppe Converso* (University Federico II DICMAPI)* Liberatina Carmela Santillo (Univ. of Naples "Federico II")

9:00	Paper 18	
	Service Oriented Movie-based Programming Environment	Ruth Cortez* (University of Aizu)* Hayato Tan (University of Aizu) Alexander Vazhenin (University of Aizu) Dmitry Vazhenin (Simulatio Corp) Japan
9:25	Paper 25	
	Towards Design-by-Contract Based Software Architecture Design	Mert Ozkaya* (City University London)* Christos Kloukinas (City University London, UK) UK
9:50	Paper 28	
	A Probabilistic Verification Framework of SysML Activity Diagrams	Samir Ouchani* (Concordia University)* Otmame Ait Mohamed (Concordia University) Mourad Debbabi (Concordia University) Canada
10:15 – 10:30	Coffee break	
10:30 – 12:00	Session T2	
	Session chair: Petr Sosnin (Ulyanovsk State Technical University) Russia	
10:30	Paper 32	
	Development of Software for Decision Analysis	Love Ekenberg* (Stockholm University)* Sweden
10:55	Paper 1	
	Thai Software Requirements Specification Pattern	Kanjana Thongglin* (Centre de Recherche en Linguis) France
11:15	Paper 7	
	An Atomic Function-Based Approach of Harris Afine Detector	HECTOR PEREZ-MEANA* (Instituto Politecnico Nacional, Mexico City, Mexico)* Karina Perez-Daniel (National Polytechnic Institute) Enrique Escamilla-Hernandez (National Polytechnic Institute) Mariko Nakano-Miyatake (Instituto Politecnico Nacional, Mexico City, Mexico), Mexico

11:35 Paper 8

A Parallel Implementation of Multiple Secrete Image Sharing Based on Cellular Automata with LSB Steganography

HECTOR PEREZ-MEANA* (Instituto Politecnico Nacional, Mexico City, Mexico)*
Adrian Hernandez-Becerril (National Polytechnic Institute) Mariko Nakano-Miyatake
(Instituto Politecnico Nacional, Mexico City, Mexico) Marco Ramirez-Tachiquin
(Universidad La Salle) Mexico

12:00 – 13:00 Lunch

13:00 – 15:15 Session T3

Session chair: Elke Pulvermueller (University of Osnabrueck, Germany)

13:00 Paper 33

Simulation for enhancing e-Learning environments: a software for teaching heart-lung interaction to medicine students

Claudio De Lazzari^{1,2}, Iginò Genuini^{3,2}, Domenico Pisanelli^{4,2}, Alessandra D'Ambrosi^{3,2}, Elisa Silveti^{3,2}, Maria Chiara Gatto³, Ernesto Del Prete^{5,2}, Francesco Fedele^{3,2}
¹CNR, Institute of Clinical Physiology, UOS of Rome, Italy
²National Institute of Cardiovascular Research, Bologna, Italy
³Dept. of Cardiovascular, Respiratory, Nephrological, Anaesthesiological and Geriatric Sciences,
"Sapienza" University of Rome Italy
⁴CNR, Institute of Cognitive Sciences and Technology (ISTC), Rome, Italy
⁵Italian Workers' Compensation Authority (Istituto Nazionale per l'Assicurazione contro gli Infortuni)

13:25 Paper 34

Dependencies in Business Process Rule Hierarchies

Elke Pulvermueller* (University of Osnabrueck)* Germany

13:45	Paper 35	Diagram scenes in *AIDA	Yutaka Watanobe* (University of Aizu)* Nikolay Mirenkov (University of Aizu) Japan
14:10	Paper 36	PolicyDSL: Towards Generic Access Control Management Based on a Policy Metamodel	Branislav Trninić (University of Novi Sad) Zora Konjovic* (University of Novi Sad)* Serbia
14:35	Paper 40	A Framework for Integrating a Decision Tree Learning Algorithm and Cluster Analysis	Masaki Kuremtsu* (Iwate Prefectural University) and Hamido Fujita (Iwate Prefectural University) Japan
14:55	Paper 44	Visualization of movie features in collaborative filtering	Botty'an N'émeth*(Gravity Research & Development Zrt), G'abor Tak'acs(Gravity Research & Development Zrt)*, Istv'an Pil'aszy(Gravity Research & Development Zrt)Gravity * and Domonkos Tikk (O'buda University Software Engineering Institute), Hungary
15:15 – 15:30	Coffee break		
15:30 – 17:35	Session T4	Session chair: Love Ekenberg* (Stockholm University)* Sweden	
15:30	Paper 39	Kroki: A Mockup-Based Tool for Participatory Development of Business Applications	Gordana Milosavljevic* (University of Novi Sad)* Vladan Marsenić (Danulabs) Igor Dejanović (Faculty of Novi Sad) Darko Pejaković (Danulabs) Milorad Filipović (Faculty of Technical Sciences) Serbia
15:55	Paper 42	A Workflow Optimization by Handling Interruption with Meta-heuristic Approach	Kohei Sugawara (Sangikyo Cop.)*, Hamido Fujita(Iwate Prefectural University) Japan

16:15 Paper 37

CogInfoCom Cues, Signals and Ritualization for Adaptive Communication

A'da'm Csapo* (Institute for Computer Science and Control)* Pe'ter Baranyi
(Budapest University of Technology and Economics) Hungary

16:35 Paper 38

Semantic representation for emotional-behavioral systems

Istva'n Fulop (Hungarian Academy of Sciences) Adam Csapo (MTA SZTAKI) Pe'ter
Baranyi* (Hungarian Academy of Sciences)* Hungary

16:55 Paper 41

Emotion Recognition Method Using Facial Expressions and Situations

Jun Hakura* (Iwate Prefectural University)* Japan

17:15 Paper 43

Knowledge-based System Acquisition for Competitiveness Predictions in Decision Making

Yu-Chien Ko*(Chung Hua University) and Hamido Fujita(Iwate Prefectural
University) Japan

17:35 – 18:00 Closing Ceremony, Farewell and Invitation to SoMeT 2014