



Fourteenth IEEE International Symposium on

WEB SYSTEMS EVOLUTION

September 28, 2012; Riva del Garda (Trento), Italy

WSE 2012

A G E N D A

08.30-09.00 **Registration**

09.00-09.30 **Welcome from the Chairs**

Scott Tilley - General Chair (Florida Institute of Technology, USA)
Damiano Distanto - Program Co-Chair (Unitelma Sapienza University, Italy)
Gustavo Rossi - Program Co-Chair (LIFIA - University of La Plata, Argentina)

09.30-10.40 **SESSION 1 - Verification, Testing, and Security** (Session Chair: Roberto Paiano, University of Salento, Italy)

Automated Verification of Role-based Access Control Security Models Recovered from Dynamic Web Applications
Manar Alalfi, James Cordy and Thomas Dean

Visual Testing of Graphical User Interfaces: An Exploratory Study Towards Systematic Definitions and Approaches (short paper) Ayman Issa, Jonathan Sillito and Vahid Garousi

Security Evolution of the Webkit Browser Engine (short paper)
Renata Hodovan and Akos Kiss

10.40-11.00 **Coffee break**

11:00-12.40 **SESSION 2 - Adoption and Evaluation** (Session Chair: Cornelia Boldyreff, University of East London, UK)

An Exploratory Survey on SOA Knowledge, Adoption and Trend in the Italian Industry
Maurizio Leotta, Filippo Ricca, Marina Ribaudo, Gianna Reggio, Egidio Astesiano and Tullio Vernazza

A Case Study of the use of Open Source CMS in Public Administrations (short paper)
Giuseppe Destefanis, Roberto Tonelli, Luisanna Cocco, Giulio Concas and Michele L. Marchesi

Is the Web Ready for In-Car Infotainment? A Browser Performance Test Framework Suited for Embedded Vehicle Hardware Simon Isenberg, Matthias Goebel and Uwe Baumgarten

Evaluation of Java-based Open Source Web Frameworks with Ajax Support (short paper)
Björn Buchner, Axel Böttcher and Christian Storch

12.40-14.00 **Lunch**

14.00-15.30 **SESSION 3 - Model-Driven Development and Education** (Session Chair: Roberto Echeverria, University of Extremadura, Spain)

Towards a "Low-Cost" Model Driven Method for Developing SOA Systems Using Existing Assets
Maurizio Leotta, Gianna Reggio, Filippo Ricca and Egidio Astesiano

Model-Driven and Metrics-Driven User Experience Re-modeling for Rich Internet Applications (short paper)
Luca Mainetti, Roberto Paiano and Andrea Pandurino

Development of Flexible Process-Centric Web Applications: An Integrated Model Driven Approach (short paper)
Mario Luca Bernardi, Marta Cimitile, Giuseppe Di Lucca and Fabrizio Maria Maggi

Educating Tomorrows Web Systems Developers (short paper)
Ruth G. Lennon

15.30-15.50 **Coffee Break**

15.50-17.10 **SESSION 4 - Reverse Engineering and Evolution** (Session Chair: Kenny Wong, University of Alberta, Canada)

Normalizing Object-oriented Class Styles in JavaScript (short paper)
Widd A. Gama, Manar H. Alalfi, James R. Cordy and Thomas R. Dean

Patterns of Creation and Usage of Wikipedia Content (short paper)
Andrea Capiluppi, Ana Claudia Duarte Pimentel and Cornelia Boldyreff

Generation of WebML Hypertext Models from Legacy Web Applications (short paper)

Roberto Rodriguez-Echeverria, Jose Maria Conejero, Pedro J. Clemente, Dolores Villalobos and Fernando Sanchez-Figueroa

Query and Topic Sensitive PageRank for General Documents (short paper)
Shota Hatakenaka and Takao Miura

17.10-17.30 **Wrap-Up and WSE 2013 planning**

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