

Program

Download the PDF of the official ICWE 2007 program (1.7MB).

D1: Monday 16

D2: Tuesday 17

D3: Wednesday 18

D4: Thursday 19

D5: Friday 20

08:45
09:00

Opening

Industry

09:00 10:00

WQVV1

Tutorial

Keynote: Bosworth

Industry

Demo1

Keynote: Bosi

Caching

Doctoral
Con.

10:00 10:30

Coffee

Coffee

Coffee

Coffee

Coffee

10:30 12:30

WQVV2

Tutorial

MDWE1

Services

Interface

Demo2

AEWSE1

Models

Sem. - Web2.0

Doctoral Con.

12:30 14:00

Lunch

Lunch

Lunch

Lunch

Lunch

14:00 16:00

WQVV3

AWSOR1

MDWEnet

MDWE2

Metrics

(start 13:15) IWWOST1

AEWSE2

Verif. & Testing

Search

App. Dev.

16:00 16:30

Coffee

Coffee

IWWOST2

Coffee

Workshop summary

16:30 18:30

WQVV4

AWSOR2

MDWEnet

MDWE3

ALFA
+ DISCoRSO

Social

dinner

AEWSE3

Closing session

19:00 - ...

Welcome
cocktail

Workshops

- WQVV'07: workshop on Web quality, Verification and Validation

(organizers: Maria Angeles Moraga, Coral Calero Munoz, Maria Angélica Caro Gutierrez, Alessandro Marchetto, Andrea Trentini, Tefvik Bultan)

- AEWSE'07: workshop on Adaptation and Evolution in Web Systems Engineering

(organizers: Sven Casteleyn, Florian Daniel, Peter Dolog, Maristella Matera, Geert-Jan Houben, Olga De Troyer)

- IWWOST'07: 6th workshop on Web-Oriented Software Technologies

(organizers: Marco Winckler, Oscar Pastor, Daniel Schwabe, Luis Olsinal, Gustavo Rossi)

- AWSOR'07: workshop on Aligning Web Systems and Organisation Requirements

(organizers: David Lowe, Didar Zowghi)

- MDWE'07: 3rd workshop on Model-driven Web Engineering

(organizers: Antonio Vallecillo, Nora Koch, Geert-Jan Houben)

Tutorial

- Frank Leymann. Web services, their composition, and their impact on application structures

Keynote Speeches

- Adam Bosworth, Vice-President, Google Inc., USA (keynote given on Tue 17)
- Marina Bosi, Consultant Professor, Stanford University, USA (keynote given on Thu 19)

Research paper sessions

Services

- 134 Rosanna Bova, Helen Paik, Hassas Salima, Salima Benbernou and Boualem Benatallah. On Embedding Task Memory in Services Composition Frameworks
- 147 Antonia Bertolino, Guglielmo De Angelis and Andrea Polini. A QoS Test-bed Generator for Web Services
- 152 Michael Schaefer, Peter Dolog and Wolfgang Nejdl. Engineering Compensations in Web Service Environment
-

54 (short) Liliana Ardissono, Roberto Furnari, Anna Goy, Giovanna Petrone and Marino Segnan. Context-aware Workflow Management

-

84 (short) Hyun Jung La, Jeong Seop Bae, Soo Ho Chang and Soo Dong Kim. Practical Methods for Adapting Services using Enterprise Service Bus

Metrics & quality

-

79 Jordi Cabot, Jordi Ceballos and Cristina Gómez. On the Quality of Navigation Models with Content-Modification Operations

-

118 Cristina Cachero, Coral Calero and Geert Poels. Metamodeling the Quality of the Web Development Process' Intermediate Artifacts

-

132 Emilia Mendes. The Use of a Bayesian Network for Web Effort Estimation

Caching

- 14 Yang Li, Lin Zuo, Jun Wei, Hua Zhong and Tao Huang. Sequential Pattern-based Cache Replacement in Servlet Container

-

192 Huajing Li, Wang-Chien Lee, Anand Sivasubramaniam and C. Lee Giles. A Hybrid Cache and Prefetch Mechanism for Scientific Literature Search Engine

Interface

-

119 Stefan Betermieux and Birgit Bomsdorf. Finalizing Dialog Models at Runtime

-

154 Gustavo Rossi, Jeronimo Ginzburg, Matias Urbieto and Damiano Distanto. Transparent Interface Composition for Web Applications

-

201 Matthias Book, Volker Gruhn and Jan Richter. Fine-Grained Specification and Control of Data Flows in Web-based User Interfaces

-

142 (short) Giulio Mori, Fabio Paternò and Carmen Santoro. Authoring Multi-Device Web Applications with Database Access

-

208 (short) Andre Fialho and Daniel Schwabe. Enriching Hypermedia Application Interfaces

Models

- 121 Torsten Gipp and Jürgen Ebert. Functional Web Applications

- 164 Alessandro Bozzon, Tereza Iofciu, Wolfgang Nejdl and Sascha Tönnies. Integrating databases, search engines and Web applications: a model-driven approach

- 176 Marino Linaje, Juan Carlos Preciado and Fernando Sánchez. A Method for Model Based Design of Rich Internet Application Interactive User Interfaces

- 101 (short) Pedro Valderas and Vicente Pelechano. Improving Communication in Requirements Engineering Activities for Web Applications

- 127 (short) Buddhima De Silva and Athula Ginige. Meta-Model to support End-user Development of Web based Business Information Systems

Verification & testing

- 143 Barbara Leporini, Fabio Paternò and Antonio Scordia. Easing Web Guidelines Specification

- 168 Esther Guerra, Daniel Sanz, Paloma Diaz and Ignacio Aedo. A Transformation-Driven Approach to the Verification of Security Policies in Web Designs

- 211 Qingzhao Tan, Ziming Zhuang, Prasenjit Mitra and C. Lee Giles. Efficiently Detecting Webpage Updates Using Samples

- 71 (short) Hongwei Zeng and Huaikou Miao. Auto-generating Test Sequences for Web Applications
- 126 (short) Manar Alalfi, James Cordy and Thomas Dean. A Survey of Analysis Models and Methods in Website Verification and Testing

Semantics & Web 2.0

- 81 Marco Brambilla and Federico Michele Facca. Building Semantic Web Portals with WebML
- 184 Pieter Bellekens, Kees van der Sluijs, Lora Aroyo and Geert-Jan Houben. Engineering Semantic-based Interactive Multi-device Web Applications
- 214 Yusuke Yanbe, Adam Jatowt, Satoshi Nakamura and Katsumi Tanaka. Towards Improving Web Search by Utilizing Social Bookmarks
- 158 (short) Peter Dolog and Jan Stage. Designing Interaction Spaces for Rich Internet Applications with UML
- 159 (short) Sara Comai and Giovanni Toffetti. A behavioral model for Rich Internet Applications

Search

-
- 107 Myriam Arrue and Markel Vigo. Considering Web Accessibility in Information Retrieval Systems
-
- 30 Fatih Gelgi, Srinivas Vadrevu and Hasan Davulcu. Fixing Weakly Annotated Web Data using Relational Models
-
- 128 Rui Kimura, Satoshi Oyama, Hiroyuki Toda and Katsumi Tanaka. Creating Personal Histories from the Web using Namesake Disambiguation and Event Extraction
-
- 98 (short) Giuseppe Scanniello, Andrea DeLucia, Michele Risi and Genoveffa Tortora. Comparing Clustering Algorithms for the Identification of Similar Pages in Web Applications

-

153 (short) Antonina Dattolo, Angelo Di Iorio, Silvia Duca, Antonio Angelo Feliziani and Fabio Vitali. Structural patterns for descriptive documents

Application development

-

18 Johannes Meinecke, Frederic Majer and Martin Gaedke. Component-Based Content Linking Beyond the Application

-

65 FranciscoJ. Garcia, Raúl Izquierdo Castanedo and Aquilino A. Juan Fuente. A Double-Model Approach to Achieve Effective Model-View Separation in Template Based Web Applications

-

166 Damiano Distante, Paola Pedone, Gustavo Rossi and Gerardo Canfora. Model-Driven Development of Web Applications with UWA, MVC and JavaServer Faces

-

60 (short) Felipe I. Anfurrutia, Oscar Diaz and Salvador Trujillo. On refining XML artifacts

Demonstrations

- 10 Jin Yu, Boualem Benatallah, Fabio Casati, Florian Daniel, Maristella Matera and Regis Saint-Paul. Mixup: a Development and Runtime Environment for Integration at the Presentation Layer

- 17 Irene Celino, Emanuele Della Valle, Dario Cerizza and Andrea Turati. Squiggle: an experience in model-driven development of real-world Semantic Search Engines

- 111 Santiago Meliá, Jaime Gomez and Jose Luís Serrano. WebTE: MDA Transformation Engine for Web Applications

- 115 Giansalvatore Mecca, Salvatore Raunich, Alessandro Pappalardo and Donatello Santoro. Noodles: A Clustering Engine for the Web

- 156 Roberto Acerbis, Aldo Bongio, Marco Brambilla and Stefano Butti. WebRatio 5: An Eclipse-based CASE tool for engineering Web applications

- 157 Cédric Mesnage and Eyal Oren. Extending Ruby on Rails for Semantic Web Applications

- 178 Michal Tvarozek and Maria Bielikova. Personalized Faceted Navigation in the Semantic Web

- 195 Yevgen Borodin, Jalal Mahmud, Asad Ahmed and I.V. Ramakrishnan. WebVAT: Web Page Visualization and Analysis Tool

- 209 Athula Ginige, Xufeng Liang, Makis Marmaridis, Anupama Ginige and Buddhima De Silva. Smart Tools to support Meta-Design Paradigm for Developing Web based Business Applications

Industrial session

- 205 Roberto Acerbis, Aldo Bongio, Marco Brambilla, Stefano Ceri, Massimo Tisi and Emanuele Tosetti. Developing eBusiness solutions with a Model Driven Approach

- 41 Emily Medina, Sunny Fugate and Marion Ceruti. Next-Generation Tactical-Situation-Assessment (TSAT): Chat

- 61 Marco Brambilla, Jordi Cabot and Nathalie Moreno. Tool Support for Model Checking of Web application designs

- 224 Ike Nassi, Joydip Das and Ming-Chien Shan. The Challenges of Application Service Hosting

Doctoral consortium

- 64 Emilio Rodriguez Priego and Francisco J. Garcia. Securing code in Services Oriented Architecture
- 103 Ganna Frankova. Service Level Agreements: Web Services and Security
- 162 Natallia Kokash. Risk Management for Service-Oriented Systems
- 194 Sebastian Lahajnar. A framework for situational web methods engineering

Social program

- Welcome Cocktail and reception, Villa Olmo, Como
- Opening Ceremony, Politecnico di Milano, Como
- Social Dinner: Boat tour of the Lake of Como, visit to Bellagio, and dinner at Grand Hotel Villa Serbelloni, Bellagio

Further details can be seen in the Social Program page.

Colocated project events

- DISCoRSO project - open presentation of the results

The goal of the Italian Applied research project DISCoRSO (Distributed Information System for CoORdinated Service Oriented interoperability) is the implementation of a Service-based platform that enable the automation of the supply chain within industrial districts and the cooperation of Small and Medium Enterprises (SME). In particular, the research is focused on case studies within the textile and food districts. A short description of the project and main lessons learned will be presented at a special related event at ICWE. The presentation is open to all the participants. (Project web site: <http://www.discorso.eng.it/>). The presentation will be organized as follows:

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The DISCoRSO project Initiative (N. Ingrassia - Engineering) .

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Methodology for designing virtual districts applications and DISCoRSOproject strategic issues (D. Za - Lecce University)

-

Technical architecture of the cooperative service-based system (DISCoRSO Reference Architecture) (D. Ardagna, Politecnico di Milano)

-

Application scenarios: textile districts (S. Prandin, Politecnico di Milano) and agro-food districts (V. Ndou Univ. Lecce)

- Alfa project - student meeting

Student Meeting of the Alfa Network WEE-Net (Web Engineering Network of Excellence). (project web site: <http://cosy.ted.unipi.gr/weenet/>)

- MDWEnet meeting

MDWEnet is an initiative started by a group of researchers working on model-driven Web Engineering (MDWE). Its goal is to improve current practices and tools for the model-driven development of Web applications for better interoperability. The proposal is based on the strengths of current model-driven Web Engineering methods, and the existing experience and knowledge in the field. This is the second working meeting of MDWEnet, and is open to all Web Engineering research groups, organizations and companies interested in improving the interoperability of Model-Driven Web Engineering approaches and tools.