

John F. Roddick et al. (Eds.)

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Advances in Conceptual Modeling – Theory and Practice

ER 2006 Workshops BP-UML, CoMoGIS

COSS, ECDM, OIS, QoIS, SemWAT

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Foreword to ER 2006 Workshops and Tutorials

Welcome to the workshops and tutorials associated with the 25th International Conference on Conceptual Modeling (ER 2006). As always, the aim of the workshops is to give researchers and participants a forum to discuss cutting-edge research in conceptual modeling, both in theory and, particularly this year, in practice.

The change in the nature of the ER workshops to be a balance between research theory and practice has been apparent for a number of years and shows the continual maturing of conceptual modeling over the past 25 years. Now in its silver anniversary year, the ER series continues to be the premier conference in conceptual modeling and the interest shown in the workshops is testament to this. In all, 39 papers were accepted from a total of 95 submitted, an overall acceptance rate of 41%.

The focus for this year's seven workshops, which were selected competitively following a call for workshop proposals, ranges from practical issues such as industrial standards, UML and the quality of information systems, through to workshops focused on managing change in information systems, geographic systems, service-oriented software systems and the Semantic Web. Four have been run previously at an ER conference, three were new this year.

- Best Practices of UML (BP-UML 2006)
- Conceptual Modeling for Geographic Information Systems (CoMoGIS 2006)
- Conceptual Modeling of Service-Oriented Software Systems (COSS 2006)
- Evolution and Change in Data Management (ECDM 2006)
- Ontologizing Industrial Standards (OIS 2006)
- Quality of Information Systems (QoIS 2006)
- Semantic Web Applications: Theory and Practice (SemWAT 2006)

This volume contains the proceedings from the seven workshops. Also included are the outlines for the three tutorials:

- Conceptual Modeling for Emerging Web Application Technologies - Dirk Draheim and Gerald Weber.
- State of the Art in Modeling and Deployment of Electronic Contracts - Kamalakar Karlapalem and P. Radha Krishna.
- Web Change Management and Delta Mining: Opportunities and Solutions - Sanjay Madria.

Although there was a lot to see, the scheduling of the workshops and the main conference were organized so as to maximize the opportunity for delegates to attend sessions of interest.

Setting up workshops such as these takes a lot of effort. I would like to thank the PC chairs and their Program Committees for their diligence in selecting the

papers in this volume. I would also like to thank the main ER 2006 conference committees, particularly the conference Co-chairs Sudha Ram and Mohan Taniruru and the conference Publicity Chair and Webmaster, Huimin Zhao, for their support in putting this programme together.

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BP-UML 2006 - Second International Workshop on Best Practices of UML

BP-UML 2006 was organized within the framework of the following projects: METASIGN (TIN2004-00779) from the Spanish Ministry of Education and Science, DADASMECA (GV05/220) from the Valencia Ministry of Enterprise, University and Science (Spain), and DADS (PBC-05-012-2) from the Castilla-La Mancha Ministry of Science and Technology (Spain).

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QoIS 2006 - Second International Workshop on Quality of Information Systems

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Table of Contents

ER 2006 Tutorials

Conceptual Modeling for Emerging Web Application Technologies	1
<i>Dirk Draheim, Gerald Weber</i>	
State-of-the-Art in Modeling and Deployment of Electronic Contracts . . .	3
<i>Kamalakar Karlapalem, P. Radha Krishna</i>	

ER 2006 Workshops

BP-UML 2006 - 2nd International Workshop on Best Practices of UML

Preface to BP-UML 2006	5
<i>Juan Trujillo, Il-Yeol Song</i>	

Adopting UML 2.0

Extending the UML 2 Activity Diagram with Business Process Goals and Performance Measures and the Mapping to BPEL	7
<i>Birgit Korherr, Beate List</i>	
UN/CEFACT'S Modeling Methodology (UMM): A UML Profile for B2B e-Commerce	19
<i>Birgit Hofreiter, Christian Huemer, Philipp Liegl, Rainer Schuster, Marco Zapletal</i>	
Capturing Security Requirements in Business Processes Through a UML 2.0 Activity Diagrams Profile	32
<i>Alfonso Rodríguez, Eduardo Fernández-Medina, Mario Piattini</i>	

Modeling and Transformations

Finite State History Modeling and Its Precise UML-Based Semantics . . .	43
<i>Dirk Draheim, Gerald Weber, Christof Lutteroth</i>	
A UML Profile for Modeling Schema Mappings	53
<i>Stefan Kurz, Michael Guppenberger, Burkhard Freitag</i>	
Model to Text Transformation in Practice: Generating Code from Rich Associations Specifications	63
<i>Manoli Albert, Javier Muñoz, Vicente Pelechano, Óscar Pastor</i>	

**CoMoGIS 2006 - 3rd International Workshop on
Conceptual Modeling for Geographic Information
Systems**

Preface for CoMoGIS 2006 73
Christelle Vangenot, Christophe Claramunt

Keynote

Large-Scale Earth Science Services: A Case for Databases 75
Peter Baumann

Spatial and Spatio-temporal Data Representation

Time-Aggregated Graphs for Modeling Spatio-temporal Networks 85
Betsy George, Shashi Shekhar

An ISO TC 211 Conformant Approach to Model Spatial Integrity
Constraints in the Conceptual Design of Geographical Databases 100
Alberto Belussi, Mauro Negri, Giuseppe Pelagatti

Access Control in Geographic Databases 110
Liliana Kasumi Sasaoka, Claudia Bauzer Medeiros

**Optimizing Representation and Access to Spatial
Data**

VTPR-Tree: An Efficient Indexing Method for Moving Objects with
Frequent Updates 120
Wei Liao, Guifen Tang, Ning Jing, Zhinong Zhong

New Query Processing Algorithms for Range and k-NN Search
in Spatial Network Databases 130
Jae-Woo Chang, Yong-Ki Kim, Sang-Mi Kim, Young-Chang Kim

A ONCE-Updating Approach on Moving Objects 140
Hoang Do Thanh Tung, Keun Ho Ryu

Spatio-temporal Data on the Web

A Progressive Transmission Scheme for Vector Maps in Low-Bandwidth
Environments Based on Device Rendering 150
*David Cavassana Costa, Anselmo Cardoso de Paiva,
Mario Meireles Teixeira, Cláudio de Souza Baptista,
Elvis Rodrigues da Silva*

Map2Share – A System Exploiting Metadata to Share Geographical Information	160
<i>Luca Paolino, Monica Sebillo, Genny Tortora, Giuliana Vitiello</i>	

CoSS 2006 - International Workshop on Conceptual Modeling of Service-Oriented Software Systems

Preface for CoSS 2006	171
<i>Roger Chiang, Vojislav B. Mišić</i>	
Building Semantic Web Services Based on a Model Driven Web Engineering Method	173
<i>Victoria Torres, Vicente Pelechano, Óscar Pastor</i>	
Choreographies as Federations of Choreographies and Orchestrations	183
<i>Johann Eder, Marek Lehmann, Amirreza Tahamtan</i>	
Designing Web Services for Supporting User Tasks: A Model Driven Approach	193
<i>Marta Ruiz, Vicente Pelechano, Óscar Pastor</i>	
Designing Service-Based Applications: Teaching the Old Dogs New Tricks ...or Is It the Other Way Around?	203
<i>Vojislav B. Mišić</i>	

ECDM 2006 - 4th International Workshop on Evolution and Change in Data Management

Preface for ECDM 2006	207
<i>Fabio Grandi</i>	

Keynote

Reduce, Reuse, Recycle : Practical Approaches to Schema Integration, Evolution and Versioning	209
<i>John F. Roddick, Denise de Vries</i>	

Accepted Papers

A DAG Comparison Algorithm and Its Application to Temporal Data Warehousing	217
<i>Johann Eder, Karl Wiggisser</i>	
Handling Changes of Database Schemas and Corresponding Ontologies	227
<i>Andreas Kupfer, Silke Eckstein, Karl Neumann, Brigitte Mathiak</i>	

Evolving the Implementation of ISA Relationships in EER Schemas 237
Eladio Domínguez, Jorge Lloret, Ángel L. Rubio, María A. Zapata

Schema Change Operations for Versioning Complex Objects Hierarchy
in OODBs 247
Sang-Won Lee

Representing Versions in XML Documents Using Versionstamp 257
*Luis Jesús Arévalo Rosado, Antonio Polo Márquez,
Juan María Fernández González*

**OIS 2006 - 1st International Workshop on
Ontologizing Industrial Standards**

Preface for OIS 2006 269
Martin Hepp, Miltiadis Lytras, V. Richard Benjamins

Accepted Papers

XBRL Taxonomies and OWL Ontologies for Investment Funds 271
Rubén Lara, Iván Cantador, Pablo Castells

A Semantic Transformation Approach for ISO 15926 281
Sari Hakkarainen, Lillian Hella, Darijus Strasunskas, Stine Tuxen

Modeling Considerations for Product Ontology 291
Hyunja Lee, Junho Shim, Suekyung Lee, Sang-goo Lee

Ontologizing EDI Semantics 301
Doug Foxvog, Christoph Bussler

WSDL RDF Mapping:Developing Ontologies from Standardized XML
Languages 312
Jacek Kopecký

**QoIS 2006 - 2nd International Workshop on Quality
of Information Systems**

Preface for QoIS 2006 323
Samira Si-Saïd Cherfi, Geert Poels

Introduction to QoIS06

Information Quality, System Quality and Information System
Effectiveness: Introduction to QoIS'06 325
Geert Poels, Samira Si-Saïd Cherfi

Information System Quality

Quality-Driven Automatic Transformation of Object-Oriented Navigational Models	329
<i>Cristina Cachero, Marcela Genero, Coral Calero, Santiago Meliá</i>	
HIQM: A Methodology for Information Quality Monitoring, Measurement, and Improvement	339
<i>Cinzia Cappiello, Paolo Ficiaro, Barbara Pernici</i>	
Evaluating the Productivity and Reproducibility of a Measurement Procedure	352
<i>Nelly Condori-Fernández, Óscar Pastor</i>	

Data Quality

Quality of Material Master Data and Its Effect on the Usefulness of Distributed ERP Systems	362
<i>Gerhard F. Knolmayer, Michael Röthlin</i>	
Towards Automatic Evaluation of Learning Object Metadata Quality	372
<i>Xavier Ochoa, Erik Duval</i>	
Expressing and Processing Timeliness Quality Aware Queries: The DQ2L Approach	382
<i>Chao Dong, Sandra de F. Mendes Sampaio, Pedro R. Falcone Sampaio</i>	

SemWAT 2006 - 1st International Workshop on Semantic Web Applications: Theory and Practice

Preface for SemWAT 2006	393
<i>Hyoil Han, Ramez Elmasri</i>	

Semantic Web Applications (I)

Combining Declarative and Procedural Knowledge to Automate and Represent Ontology Mapping	395
<i>Li Xu, David W. Embley, Yihong Ding</i>	
Visual Ontology Alignment for Semantic Web Applications	405
<i>Jennifer Sampson, Monika Lanzemberger</i>	