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Advances in Conceptual Modeling – Theory and Practice

ER 2006 Workshops BP-UML, CoMoGIS
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Tucson, AZ, USA, November 6-9, 2006
Proceedings

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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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