

# CAiSE'03

The 15<sup>th</sup> Conference on  
Advanced Information Systems Engineering  
Velden, Austria, 16 - 20 June, 2003

**16:00 – 17:00, Wednesday, June 18<sup>th</sup> CAiSE Forum I**

**Li Lu, Mengchi Liu, Guoren Wang (Canada)**

*„XML-RL Update Language“*

**Yangjun Chen (Canada)**

*“Graph Decomposition and Recursive Closures”*

**Hanna Kozankiewicz, Jacek Leszczyowski, Kazimierz Subieta (Poland)**

*“Updateable Views for an XML Query Language”*

**Naveen Prakash, Anjana Gosain (India)**

*“Requirements Driven Data Warehouse Development”*

**Chengfei Liu, Minyi Guo, Jixue Liu (Australia)**

*“Accessing Relational Databases via XML Schema”*

**Verónica Peralta, Alvaro Illarze, Raúl Ruggia (Uruguay)**

*“Towards the Automation of Data Warehouse Logical Design: a Rule-Based Approach”*

**Gianluigi Greco, Antonella Guzzo, Domenico Saccà (Italy)**

*“A Logic-Based Formalism to Model and Analyze Workflow Executions”*

**Edgar Jasper, Nerissa Tong, Peter McBrien, Alex Poulouvassilis (UK)**

*“View Generation and Optimisation in the AutoMed Data Integration Framework”*

**Eduardo Fernandez-Medina, Mario Piattini (Spain)**

*“A Methodology for Multilevel Database Design”*

**Alain Couchot (France)**

*“Improving Termination Analysis of Active Rules with Priorities”*

**Jelena Zdravkovic (Sweden)**

*“Adjustment of Process Transactional Properties for Flexible Workflow”*

**Zerguini Louicif (The Netherlands)**

*“Improving the Efficiency of Workflow Analysis”*

**Mourad Oussalah, Dalila Tamzalit (France)**

*“A study of Object Evolution”*

**Stefan Jablonski, Ilia Petrov, Christian Meiler, Udo Mayer (Germany)**

*“Metadata Repositories as Infrastructure for Database Oriented Applications”*

**Fredj Dridi, Björn Muschall, Günther Pernul (Germany)**

*“Administration console for the CSAP system”*

**Marek Lehmann (Austria)**

*“Exploiting Generalization for the Composition of Transformations of XML”*

**Carla Valle, Elke Hinrichs, Karl-Heinz Klein, Gerd Woetzel**

**Thomas Koch (Germany)**

*“MILK Mobile Support for Knowledge Management”*

**Taewon Lee, Sukho Lee (Republic of Korea)**

*“OMT: Overlap Minimizing Top-down Bulk Loading Algorithm for R-tree”*

**Joonho Kwon, Dongseop Kwon, Hyoseop Shin, Sukho Lee (Republic of Korea)**

*“Development of Embedded System for storing and retrieving XML data”*

**Christian Koncilia (Austria)**

*“A Bi-Temporal Data Warehouse Model”*

**Zhang Hong Hui, Atsushi Ohnishi (Japan)**

*“A Scenario Description Language Based on Action Frame”*

**Mathias Lux, Jutta Becker, Harald Krottmaier (Austria)**

*“Semantic Annotation and Retrieval of Digital Photos”*

## **17:30 – 18:30, Wednesday, June 18<sup>th</sup> CAiSE Forum II**

**Peter Ahlbrecht, Silke Eckstein, Karl Neumann (Germany)**

*“Conceptual Modelling of Mobile Object Systems: Some Language Constructs”*

**Andreas Gregoriades, Alistair Sutcliffe, Haralampos Karanikas (UK)**

*“Evaluation of the SRA tool using Data Mining Techniques”*

**Belén Vela Sánchez, Esperanza Marcos Martínez (Spain)**

*“Extending UML to represent XML Schemas”*

**Xiaomeng Su, Terje Brasethvik, Sari Hakkarainen (Norway)**

*“Ontology mapping through analysis of model extension”*

**Roland Kaschek, Klaus-Dieter Schewe, Bernhard Thalheim (New Zealand)**

*“Context Modeling for Web Information Systems”*

**Cinzia Cappiello, Chiara Francalanci, Barbara Pernici (Italy)**

*“Time related factors of data accuracy, currency, and completeness in multi-channel information systems”*

**Ralf Klamma, Marc Spaniol, Matthias Jarke (Germany)**

*“Virtual Communities: Analysis and Design Support”*

**Francisco Araque Cuenca (Spain)**

*“Integrating with temporal constraints heterogeneous data sources”*

**Eva Söderström, Anette H Pettersson (Sweden)**

*“The Use of B2B Process Standards: A Case Study”*

**Omar A. Naeem, Stephane Raymond, Anne Poupon, Miroslaw Cygler, Bettina Kemme (Canada)**

*“Exp-DB: Fast Development of Information Systems for Experiment Tracking”*

**Ronald Maier, Johannes Sametinger (Austria)**

*“A Shared-Context Information Workspace to Support Knowledge Processes”*

**Martin Bernauer, Gerti Kappel, Gerhard Kramler (Austria)**

*“Approaches to Implementing Tailored Metaschemas in XML”*

**Maira C. Norrie, Alexios Palinginis (Switzerland)**

*“From State to Structure: an XML Web Publishing Framework”*

**Boriana Rukanova, Kees van Slooten, Robert Stegwee (The Netherlands)**

*“Towards a Meta Model for Distributed Business Transactions”*

**Djamal Benslimane, Ahmed Arara (France)**

*“The multirepresentation ontologies: a contextual description logics approach”*

**Costas Vassilakis, George Lepouras, Stathis Rouvas, Panagiotis Georgiadis (Greece)**

*“Improving e-Form Layout Through Analysis of Form Semantics and Validation Checks”*

**Emanuela Pauselli (Italy)**

*“The Emergence of Knowledge e-Marketplace”*

**Jean-louis Cavarero (France)**

*“Metrics for Dynamics : How to improve the behaviour of an object oriented information system”*

**J.L. Arjona, R. Corchuelo, D. Ruiz, J. Peña, M. Toro (Spain)**

*“Knowledge Channels. Bringing the Knowledge on the Web to Software Agents”*

**I.G. Davies, P.F. Green, M. Rosemann (Australia)**

*“Conceptual Modelling in Practice - Myth or Reality?”*

**Alicia DIAZ, Gérôme CANALS (Argentina)**

*“Improving CoP Knowledge Sharing: a CSCW Approach Based on Awareness”*

**Stéphane Faulkner, Manuel Kolp (Belgium)**

*“Ontological Basis for Agent ADL”*

**S. Castano, A. Ferrara, S. Montanelli (Italy)**

*“Ontologies and Matching Techniques for Peer-based Knowledge Sharing”*

## **19:00 – 20:00, Wednesday, June 18<sup>th</sup> CAiSE Forum III**

**Ken Lunn, Andrew Sixsmith, Ann Lindsay, Marja Vaarama (UK)**

*“Modelling telecare service requirements for older people using the Unified Modelling Language “*

**Chanwit Kaewkasi , Wanchai Rivepiboon (Thailand)**

*“Aspect-Oriented Extension for Capturing Requirements in Use-Case Model”*

**Anne Persson, Janis Stirna (Sweden)**

*“The EKP approach to building organisational memories - experiences from two EU projects”*

**Bruce Lee Liong, Leszek A. Maciaszek (Australia)**

*“Computing Event Dependencies in System Designs and Programs”*

**Jinghai Rao, Sobah Abbas Petersen (Norway)**

*“Implementing Virtual Enterprises Using AGORA Multi-agent System”*

**Papagelis Manos, Plexousakis Dimitris (Greece)**

*“Recommendation Based Discovery of Dynamic Virtual Communities”*

**Hermann Kaindl, Stefan Kramer, Mario Hailing, Vahan Harput (Austria)**

*“Metamodel-Compliance Checking of Requirements in a Semiformal Representation”*

**Pasi Tiitinen (Finland)**

*“User Roles in Document Analysis“*

**Pnina Soffer (Israel)**

*“Reusing Models of Different Abstraction Levels”*

**Abdelhamid Bouchachia (Austria)**

*“Distributed data clustering”*

**Bernhard Thalheim (Germany)**

*“Component Engineering for Large Database Applications”*

**Vicente Pelechano, Joan Fons, Manoli Albert, Oscar Pastor (Spain)**

*“Developing Web Applications from Conceptual Models”*

**Naveen Prakash, M. P. S. Bhatia (India)**

*“Developing Application-Centric Methods”*

**Jaroslav Kral, Michal Zemlicka (Czech Republic)**

*“Software Confederations and Alliances”*

**Marie-Noelle Terrasse, George Becker, Marinette Savonnet,  
Eric Leclercq (France)**

*“Metamodels and Information Systems Engineering: a UML-based Approach”*

**Ming-Hua Lin, Chi-Chun Lo, Wayne Zhuang (Taiwan)**

*“A Flexible Time-based Pricing Policy for Charging Internet Services”*

**Roman Szarowski (Czech Republic)**

*“Hybrid Publish/Subscribe: A Compromise Approach for Large-Scale”*

**Irini-Electra Katzagiannaki, Dimitris Plexousakis (Greece)**

*“Information Dissemination based on Semantic Relations”*

**Yun Lin, Hao Ding (Norway)**

*“Modeling Probe-Agent Distributed System by Goal-oriented Approach”*

**Amr Ali Eldin, René Wagenaar (The Netherlands)**

*“Towards a Component based Privacy Protector Architecture”*

**Shijun YU , Marie-Aude Aufaure, Nadine Cullot  
Stefano Spaccapieta (Switzerland)**

*“A Collaborative Framework for Location-Based Services”*