Day 1: Friday November 4, 2005

Registration: 8:00am–15:00am

9:00 am – 9:15a.m.   Welcome and Opening
Juan Trujillo (University of Alicante)

9:15 am –10:15am   Session 1: Querying OLAP Databases
Session Chair: Alkis Simitsis (NTU, Greece)

Modeling, Querying and Reasoning about OLAP Databases: a Functional Approach
Ken Q. Pu (University of Toronto, Canada)

A Personalization Framework for OLAP Queries
Ladjel Bellatreche, Arnaud Giacometti, Dominique Laurent, Patrick Marcel, and Hassina Mouloudi (LISI/ENSMA, University of Francois-Rabelais de Tours, University of Cergy-Pontoise, France)

Coffee Break: 10:15am-10:30am

10:30am-12:00am- Session 2: Data Warehouse Models
Session Chair: Stefano Rizzi (University of Bolgnia, Italy)

A Relevance-Extended Multi-dimensional Model for a Data Warehouse Contextualized with Documents
Juan Manuel Pérez Martínez, Rafael Berlanga LLavori, María José Aramburu Cabo, Torben Bach Pedersen (University Jaume I, Spain and Aalborg University, Denmark)

Dimensional Modeling: Identifying, Classifying, and Applying Patterns
Mary Elizabeth “M.E.” Jones, Il-Yeol Song (Drexel University, USA)

Towards a Spatial Multidimensional Model
S. Bimonte, A. Tchounikine, M. Miquel (Laboratoire d’Informatique en Images et Systemes diinformation, France)

Lunch Break: 12:00am-2:00pm

2:00pm–3:00pm   Session 3: Data Warehouse Design (I)
Session Chair: Mary Elizabeth “M.E.” Jones (Drexel University, USA)

Goal-Oriented Requirement Analysis for Data Warehouse Design
Paolo Giorgini, Stefano Rizzi, Magdalena Garzetti (University of Trento, University of Bologna, Italy)

Applying MDA to the Development of Data Warehouses
Jose-Norberto Mazón, Juan Trujillo, Manuel Serrano, Mario Piattini (University of Alicante and University of Castilla-La Mancha, Spain)

Coffee Break: 3:00pm–3:30pm

3:30pm–4:30pm   Session 4: Data Warehouse Design (II)
Session Chair: Juan Trujillo (University of Alicante, Spain)

Mapping Conceptual to Logical Models for ETL Processes
Alkis Simitsis (National Technical University of Athens, Greece)

Sense & Response Service Architecture (SARESA): An Approach Towards a Real-time Business Intelligence Solution and Its Use for a Fraud Detection Application
Tho Manh Nguyen, Josef Schiefer, A Min Tjoa (Vienna University of Technology, Austria)

4:30-5:00 Steering Committee meeting

Day 2: Saturday November 5, 2004

9:00am–10:15am    Session 5: Keynote Address
Title: My favorite issues in data warehouse modeling
Speaker: Jens Lechtenbörger (University of Münster, Germany)
Session Chair: Juan Trujillo (University of Alicante, Spain)

Coffee Break: 10:15am-10:30am

10:30-12:00: Session 6: Query Processing and View Maintenance
Session Chair: Jens Lechtenbörger (University of Münster, Germany)

Parallel Querying of ROLAP Cubes in the Presence of Hierarchies
Frank Dehne, Todd Eavis, Andrew Rau-Chaplin (Carleton University, Concordia University, Dalhousie University, Canada)

Providing Probabilistically-Bounded Approximate Answers to Non-Holistic Aggregate Range Queries in OLAP
Alfredo Cuzzocrea (University of Calabria, Italy)

Optimizing the Incremental Maintenance of Multiple Join Views
Ki Yong Lee, Myoung Ho Kim (Dept. of Electrical Engineering and Computer Science, Korea Advanced Institute of Science and Technology – KAIST, Korea)
Lunch Break: 12:00am-1:30pm

1:30pm–2:30pm    Session 7: Panel Discussion: New challenges in data warehouses
                 Session Chair: Juan Trujillo (University of Alicante, Spain)

Discussion and Closing Remarks 2.30pm – 3.00pm

Coffee Break: 3:00pm–3:30pm