

# SEBD 2006

## Conference Program

### SUNDAY 18

h. 14.30 - 17.30 Tutorial

**Assaf Schuster**

Knowledge Discovery in Ubiquitous Environments

h. 19.00 Welcome Reception

### MONDAY 19

h. 9.00 - 9.10 Opening Session

h. 9.10 - h. 10.00 Data Design, Evolution and Migration:

**Lei Jiang, Thodoros Topaloglou, Alex Borgida, John Mylopoulos**

Incorporating Goal Analysis in Database Design: A Case Study from Biological Data Management

**Cristian Molinaro, Sergio Greco, Luciano Caroprese**

Prioritized Active Integrity Constraints for Database Maintenance

**Hendrik Decker, Davide Martinenghi**

Can Integrity Tolerate Inconsistency?

h. 10.00 - 11.00 INVITED SPEAKER

**Pavel Zezula**

P2P Similarity Search Structures

COFFEE BREAK

h. 11.30 - 12.30 Data Integration, Mapping and Transformation:

**Angela Bonifati, Giansalvatore Mecca, Alessandro Pappalardo, Salvatore Raunich**

The Spicy Project: A New Approach to Data Matching

**Cristiana Bolchini, Carlo A. Curino, Fabio A. Schreiber, Letizia Tanca**

Context integration for mobile data tailoring

**Federica Mandreoli, Riccardo Martoglia, Simona Sassatelli, Paolo Tiberio, W. Penzo**

Using Semantic Mappings for Query Routing in a PDMS Environment

**Dario Colazzo, Carlo Sartiani**

Mapping Maintenance in XML P2P Databases

LUNCH

h. 15.30 - 16.45 Data Mining, Information Retrieval, Resource Discovery (1):

**Andrea Tagarelli, Sergio Greco**

SemXClust: A System for Semantic XML Clustering

**Eugenio Cesario, Giuseppe Manco, Riccardo Ortale**

Top-Down Parameter-Free Clustering of High-Dimensional Categorical Data

**Francesco Folino, Giuseppe Manco, Luigi Pontieri**

Effective Incremental Clustering for Duplicate Detection in Large Databases

**Annalisa Appice, Floriana Esposito, Donato Malerba**

Classifying Aggregated Data: a Symbolic Data Analysis Approach

BREAK

h. 17.15 - 18.40 Query Processing and Optimization (1):

**Antonio Albano, Luca De Rosa, Lucio Goglia, Roberto Goglia, Vincenzo Minei, C. Dumitrescu**

Star Query Plans in SADAS: A Data Warehouse System Based on Transposed Files

**Andrea Cali, Diego Calvanese**

Containment of Conjunctive Queries under Access Limitations

**Iliaria Bartolini, Paolo Ciaccia, Marco Patella**

Distributed Aggregation Strategies for Preference Queries

**Francesco Buccafurri, Gianluca Lax, Domenico Saccà**

Progresses on Tree-Based Approaches to Improving Histogram Accuracy

### TUESDAY 20

h. 9.00 - 9.50 Interoperability and Ontologies:

**Matteo Golfarelli, Andrea Proli, Stefano Rizzi**

Rappresentazione personalizzata dell'informazione nel Web Semantico

**Massimo Ruffolo, Lorenzo Gallucci, Nicola Leone, Marco Manna, Domenico Saccà**

Towards a Semantic Information Extraction Approach from Unstructured Documents  
**Francesco di Cugno, Tommaso Di Noia, Eugenio Di Sciascio, Francesco Donini, A. Pinto**  
OwlEd: An Ontology Manager for MaMaS-tng

h. 9.50 - 10.30 INVITED SPEAKER

**Guido Vetere**

Information Systems in a Services Based Economy

BREAK

h. 11.00 - 12.15 Web Data, Web Services, Web Information System:

**Salvatore Garruzzo, Domenico Rosaci**

Agent-based Web Services Supporting Semantic Negotiation

**Riccardo Torlone, Roberto De Virgilio, Geert-Jan Houben**

Adaptation Rules for Context-Aware Web Applications

**Marco Pistore, Luca Spalazzi, Paolo Traverso**

A Minimalist Approach to Semantic Annotations for Web Processes Compositions

**Devis Bianchini, Valeria De Antonellis, Michele Melchiori**

Matchmaking by difference in Service Discovery

LUNCH

h. 13.30 DEPARTURE TO FERMO

h. 15.00 - 16.00 Multimedia Databases and Novel Applications:

**Silvana Castano, Alfio Ferrara, Stefano Montanelli**

Ontology-based Classification and Retrieval of Music Resources

**Giuseppe Amato, Paolo Bolettieri, Franca Debole, Fabrizio Falchi, Fausto Rabitti, Pasquale Savino**

Using MILOS to build an on-line photo album: the PhotoBook

**Giuseppe Sindoni, Leonardo Tininini**

Statistical warehousing on the Web: navigating troubled waters

**Emanuele Frontoni, Primo Zingaretti**

Retrieval by Visual Content in Image Databases

h. 16.15 - 17.15 STUDENT session:

**Margherita Berardi**

An integrated process for Document Mining: a new perspective

**Maurizio Atzori**

An Effective Framework for Data Anonymity

**Matteo Magnani, Nikos Rizopoulos**

Uncertain Schema Matching

h. 17.15 - 17.45 "MAURIZIO PANTI" Award

h. 17.45 Tour of Fermo

h. 20.30 Social Dinner

## WEDNESDAY 21

h. 9.00 - 10.30 Data Mining, Information Retrieval, Resource Discovery (2):

**Andrea Bosin, Nicoletta Dessì, Barbara Pes**

Data Mining Strategies for Classification of Microarray Data

**Claudia Diamantini, Domenico Potena**

BVQ-based Feature Extraction: a Computational Analysis

**Michelangelo Ceci, Donato Malerba**

Relational Data Mining Techniques for Historical Document Processing

**Fabrizio Angiulli, Fabio Fassetti, Luigi Palopoli**

Un Metodo per la Scoperta di Proprietà Inattese

**Lucchese Claudio, Francesco Bonchi, Fosca Giannotti, Salvatore Orlando, Raffaele Perego, Roberto Trasarti**

On Interactive Pattern Mining from Relational Databases

BREAK

h. 11.00 - 12.10 Query Processing and Optimization (2):

**Bettina Fazzinga, Sergio Flesca, Andrea Pugliese**

Vague XML Querying in Peer-to-Peer Networks

**Elena Baralis, Tania Cerquitelli**

Selecting Representatives in a Sensor Network

**Mario Cannataro, Domenico Talia, Giuseppe Tradigo, Paolo Trunfio, P. Veltri, G. Zarola**

Querying XML-based Electronic Patient Records in a Peer-to-peer Environment

**Alfredo Cuzzocrea, Filippo Furfaro, Elio Masciari, Giuseppe M. Mazzeo, D. Saccà**  
Efficiently Representing and Querying Sensor Network Readings on Data Grids

h. 12.10 Closing Session

LUNCH