

SEBD 2008 PROGRAM

SUNDAY, 22 JUNE 2008

15:00 – 16:45	TUTORIAL 1: Nicola Guarino (<i>LOA Laboratory of ISTC-CNR, Trento, Italy</i>) Chair: <i>Ignazio Infantino</i> Ontological Foundations of Conceptual Modeling and Knowledge Representation
16:45 – 17:15	Coffee Break
17:15 – 19:00	TUTORIAL 2: Wei Wang (<i>University of New South Wales, Sydney, Australia</i>) Chair: <i>Sergio Greco</i> Similarity Join Algorithms: An Introduction
19:00 – 20:30	Welcome Party

MONDAY, 23 JUNE 2008

08:30 – 08:50	Registration
08:50 – 09:10	OPENING SESSION: Salvatore Gaglio, Ignazio Infantino, Domenico Saccà
09:10 – 10:10	INVITED TALK 1: Jan Paredaens (<i>University of Antwerp, Belgium</i>) Chair: <i>Salvatore Gaglio</i> About X (ML Path Query SLT)
10:10 – 10:25	SESSION 1: More on X and Web Data Chair: <i>Riccardo Torlone</i> – Efficient Inclusion of Conflict-free XML Types with Interleaving and Counting, <i>Giorgio Ghelli, Dario Colazzo, Carlo Sartiani</i>
10:25 – 10:45	– Extracting Structural Semantic Features for XML Data, <i>Andrea Tagarelli, Mario Longo, Sergio Greco</i>
10:45 – 11:00	– Searching Entities on the Web by Sample, <i>Lorenzo Blanco, Valter Crescenzi, Paolo Merialdo, Paolo Papotti</i>
11:00 – 11:30	Coffee Break
11:30 – 11:50	SESSION 2: Ontology and Semantic WEB: Towards Integration? Chair: <i>Antonio Albano</i> – Ontology-based Data Integration with MASTRO-I for Configuration and Data Management at SELEX Sistemi Integrati, <i>Alfonso Amoroso, Gennaro Esposito, Domenico Lembo, Paolo Urbano, Raffaele Vertucci</i>
11:50 – 12:05	– Automatic Annotation for Mapping Discovery in Data Integration Systems, <i>Laura Po, Sonia Bergamaschi, Serena Sorrentino</i>
12:05 – 12:25	– Instance Matching for Ontology Population, <i>Silvana Castano, Alfio Ferrara, Davide Lorusso, Stefano Montanelli</i>
12:25 – 12:45	– Un Approccio Basato su Relazioni Semantiche e Strutture Dati Gerarchiche per l'Utilizzo Efficiente ed Efficace di Folksonomy, <i>Pasquale De Meo, Giovanni Quattrone, Domenico Ursino</i>
12:45 – 13:00	– Representing Ontology Mappings with Probabilistic Description Logics Programs, <i>Andrea Cali, Thomas Lukasiewicz, Livia Predoiu, Heiner Stuckenschmidt</i>
13:00 – 14:30	Lunch Break
14:30 – 14:50	SESSION 3: Space and Time in Databases: Back to the Future Chair: <i>Francesco Buccafurri</i> – Trajectory Data Warehouses: Storing and Aggregating Frequent ST Patterns, <i>Salvatore Orlando, Alessandra Raffaeta, Alessandro Roncato, Claudio Silvestri</i>
14:50 – 15:10	– DAEDALUS: A Knowledge Discovery Analysis Framework for Movement

15:10 – 15:30	Data, <i>Riccardo Ortale, Nikos Pelekis, Ettore Ritacco, Roberto Trasarti, Chiara Renso</i> – Decidable Reasoning over Timestamped Conceptual Models, <i>Alessandro Artale, David Toman</i>
15:30 – 15:45	– Temporal Analysis of Process Logs: A Case Study, <i>Michele Berlingerio, Fosca Giannotti, Mirco Nanni, Fabio Pinelli</i>
15:45 – 16:00	– A Framework for Outlier Mining in RFID Data, <i>Elio Masciari, Giuseppe M. Mazzeo</i>
16:00 – 16:30	Coffee Break
16:30 – 16:45	SESSION 4: Discovering Outliers and Processes Patterns Chair: <i>Rosa Meo</i> – An Efficient Method for Outlier Detection, <i>Fabrizio Angiulli, Fabio Fasseti</i>
16:45 – 17:00	– An Unsupervised Outlier Detection Approach for Cleaning String Data Entries, <i>Fabrizio Angiulli, Fabio Fasseti, Luigi Palopoli</i>
17:00 – 17:15	– Outlier Detection Techniques for Process Mining Applications, <i>Lucantonio Ghionna, Gianluigi Greco, Antonella Guzzo, Luigi Pontieri</i>
17:15 – 17:35	– Distributed Discovery of Multi-Level Approximate Process Patterns, <i>Antonio Turi, Annalisa Appice, Michelangelo Ceci, Donato Malerba</i>
17:35 – 17:50	Breathing Break
17:50 – 18:30	INDUSTRIAL TALK: Guido Vetere (<i>IBM Italia, Italy</i>) Chair: <i>Antonio Chella</i> Workpad Peer-To-Peer Information Integration System for Crisis Management
18:30 – 19:30	Party sponsored by IBM Italia
19:30 – 23:30	Palermo by Night: Guided Excursion

TUESDAY, 24 JUNE 2008

09:05 – 10:05	INVITED TALK 2: Elisa Bertino (<i>Purdue University & CERIAS, IN, USA</i>) Chair: <i>Domenico Saccà</i> Privacy-Preserving Techniques for Location-Based Services
10:05 – 10:20	SESSION 5: The Return of the Classics: Model, Schema, Query Chair: <i>Domenico Lembo</i> – A Platform for Model-Independent Solutions to Model Management Problems, <i>Paolo Atzeni, Luigi Bellomarini, Francesca Bugiotti, Giorgio Gianforme</i>
10:20 – 10:35	– On the Containment of Schema Mappings, <i>Andrea Cali, Riccardo Torlone</i>
10:35 – 10:55	– Profiling Sets for Preference Querying, <i>Xi Zhang, Jan Chomicki</i>
10:55 – 11:25	Coffee Break
11:25 – 11:40	SESSION 6A: Approximation Techniques for Searching and Answering Chair: <i>Giansalvatore Mecca</i> – ArHeX: A Framework for Approximate Retrieval in Heterogeneous, <i>Ismael Sanz, Marco Mesiti, Giovanna Guerrini, Rafael Berlanga</i>
11:40 – 11:55	– Approximate Similarity Search from another “Perspective”, <i>Giuseppe Amato, Pasquale Savino</i>
11:55 – 12:15	– Efficiently Computing Iceberg Cubes: A Probabilistic Approach, <i>Alfredo Cuzzocrea, Filippo Furfaro, Giuseppe M. Mazzeo</i>
12:15 – 12:30	– Compressing Data Cubes in the Presence of Simultaneous Multiple OLAP Queries, <i>Alfredo Cuzzocrea, Vincenzo Russo</i>
12:30 – 12:50	– Issues in Peer-to-Peer Electronic Services, <i>Marco Comerio, Andrea Maurino, Maurizio Vincini, Gianluigi Viscusi</i>
11:25 – 11:45	SESSION 6B: Data Mining and Knowledge Discovery Chair: <i>Alessandro Artale</i> – Relational Classification based on Emerging Patterns, <i>Michelangelo Ceci, Annalisa Appice, Lucrezia Macchia, Donato Malerba</i>

11:45 – 12:05	– KD-ASP - A Distributed Collaborative Data Mining Platform, <i>Fabio Fumarola, Eliana Salvemini, Donato Malerba</i>
12:05 – 12:20	– Numerical Data Co-clustering via Sum-Squared Residue Minimization and User-defined Constraint Satisfaction, <i>Ruggero Pensa, Jean-Francois Boulicaut</i>
12:20 – 12:35	– Discovering Meaningful Protein-Protein Interaction Modules by a Co-Clustering based Approach, <i>Clara Pizzuti, Simona E. Rombo</i>
12:35 – 12:50	– Clustering the Feature Space, <i>Dino Ienco, Rosa Meo</i>
12:50 – 14:20	Lunch Break
	SESSION 7A: Information Searching and Retrieval Chair: <i>Michelangelo Ceci</i>
14:20 – 14:40	– Using PageRank in Feature Selection, <i>Dino Ienco, Rosa Meo, Marco Botta</i>
14:40 – 14:55	– A Scalable Distributed Data Structure for Multi-Feature Similarity Search, <i>Claudio Gennaro, Matteo Mordacchini, Salvatore Orlando, Fausto Rabitti</i>
14:55 – 15:10	– Crawling, Indexing, and Similarity Searching Images on the Web, <i>Michal Batko, Fabrizio Falchi, Claudio Lucchese, David Novak, Raffaele Perego</i>
15:10 – 15:25	– Towards a Superimposed Peer Infrastructure for iNformation Access, <i>Emanuele Di Buccio, Nicola Ferro, Massimo Melucci</i>
15:25 – 15:40	– Singling Out Functional Similarities in Graph Databases, <i>Valeria Fionda, Luigi Palopoli, Simona Panni, Simona E. Rombo</i>
	SESSION 7B: Web Services and Semantic Web Chair: <i>Sonia Bergamaschi</i>
14:20 – 14:40	– Strategic Index Analysis Through Semantic Web Technologies, <i>Claudia Diamantini, Domenico Potena</i>
14:40 – 14:55	– NGS: A New Generation Search Engine Supporting Cross Domain Queries, <i>Daniele Braga, Diego Calvanese, Alessandro Campi, Stefano Ceri, Florian Daniel, Davide Martinenghi, Paolo Merialdo, Riccardo Torlone</i>
14:55 – 15:15	– Semantic Annotation for Web Service Processes, <i>Ivan Di Pietro, Francesco Pagliarecci, Marco Pistore, Luca Spalazzi, Paolo Traverso</i>
15:15 – 15:35	– Service-Oriented Semantic Collaboration in Distributed Information Systems, <i>Devis Bianchini, Valeria De Antonellis, Michele Melchiori, Denise Salvi</i>
15:35 – 15:55	– A Fuzzy Description Logic Approach to Bilateral Matchmaking in Electronic Marketplaces, <i>Azzurra Ragone, Umberto Straccia, Fernando Bobillo, Tommaso Di Noia, Eugenio Di Sciascio</i>
16:00 – 20:30	Guided Tour to Cefalù Student Award Session (<i>kindly hosted by Museo Mandralisca in Cefalù</i>): Chair: <i>Valeria De Antonellis</i>
20:30 – 23:30	Social Dinner Scientific Entertainment Session I: Questions & Answers on “Everything You Always Wanted to Know About Databases But Were Afraid to Ask” Chairs: <i>Andrea Cali, Riccardo Torlone</i>

WEDNESDAY, 25 JUNE

09:20 – 10:00	E-GOVERNMENT TALK: Giansalvatore Mecca (<i>Università della Basilicata, Italy</i>) Co-Authors: <i>Alessandro Pappalardo, Salvatore Raunich</i> Chair: <i>Michele Missikoff</i> Soluzioni Infrastrutturali Open Source per il Sistema Pubblico di Cooperazione Applicativa
10:00 – 10:15	SESSION 8: E-Services and Applications Chair: <i>Paolo Tiberio</i> – An Information System for the Extraction of Relevant Information for E-Government Activity, <i>Flora Amato, Antonino Mazzeo, Antonio Penta, Antonio Picariello</i>

10:15 – 10:35	– An Intelligent Assistant for Medical Knowledge Discovery, <i>Vincenzo Cannella, Giuseppe Russo, Daniele Peri, Roberto Pirrone, Salvatore Gaglio</i>
10:35 – 11:00	SCIENTIFIC ENTERTAINMENT SESSION II: First World Congress on “One-Tuple Databases” (<i>temporally co-located with SEBD</i>) Chairs: <i>Andrea Cali, Riccardo Torlone</i>
11:00 – 11:30	Coffee Break
	SESSION 9: Networks: Cooperation, Analysis and Security Issues Chair: <i>Stefano Montanelli</i>
11:30 – 11:45	– DEMO: Efficient and Effective Query Answering in a PDMS with SUNRISE, <i>Federica Mandreoli, Riccardo Martoglia, Wilma Penzo, Simona Sassatelli, Giorgio Villani</i>
11:45 – 12:00	– Boosting a Network of Semantic Peers, <i>Stefano Lodi, Wilma Penzo, Federica Mandreoli, Riccardo Martoglia, Simona Sassatelli</i>
12:00 – 12:15	– Generalized Association Rules to Support Network Digest Analysis, <i>Daniele Apiletti, Elena Baralis, Tania Cerquitelli, Vincenzo D’Elia</i>
12:15 – 12:35	– Generating One-Time Passwords by Cheap and Fast Devices, <i>Francesco Buccafurri, Gianluca Lax</i>
12:35 – 13:00	CLOSING SESSION: Salvatore Gaglio, Ignazio Infantino, Domenico Saccà