



## Curriculum Vitae of Giuseppe Psaila

### 1. GENERAL INFORMATION

Giuseppe Psaila was born at Cologno Monzese (MI) on December 20, 1967. Citizenship: Italian.

In 1993 he got the degree of Electronic Engineer at Politecnico di Milano, with a thesis entitled "GRAMMATICA: La Sintesi dei Traduttori Mediante Grammatiche ad Attributi" – "GRAMMATICA: the Synthesis of Translator by means of Attribute Grammars" (advisor Prof. S. Crespi-Reghizzi).

From April 1993 to November 1994 he is research assistant at Dip. Di Elettronica e Informazione del Politecnico di Milano, where he worked with Professor Stefano Ceri, Professor Stefano Crespi-Reghizzi, and Professor Letizia Tanca.

During the Summer of 1994, he visited for three months the IBM ALmaden Research Center, San Jose, CA, USA; he worked with Dr. Rakesh Agrawal.

From November 1994 to October 1997 he was PhD student at Dipartimento di Automatica e Informatica del Politecnico di Torino (tutor Prof. Angelo Raffaele Meo).

On June 30, 1998 he obtained the PhD degree in Ingegneria Informatica e dei Sistemi – Sottosettore Ingegneria Informatica - at Politecnico di Torino, with a thesis entitled "Integrating Data Mining Techniques and Relational Databases", relator Prof. Stefano Ceri.

From Novembre 1997 to October 2000 he was Research Assistant at Dipartimento di Elettronica e Informazione (Dept. of Electronics and Information) at Politecnico di Milano.

Since November 1, 2000 to now, he has been Researcher at the Faculty of Engineering of Università degli Studi di Bergamo.

### 2. RESEARCH ACTIVITY

Giuseppe Psaila has developed his research activity in several areas concerning the disciplines of computer science and information management.

- Formal Languages and Compilers
- Active Databases
- Data Mining Techniques
- XML and Databases
- XML and Knowledge Discovery
- Models and Systems for Workflow Management
- Flexible Querying in Databases
- Efficient management of large XML documents
- Spatial Data and Location-Based Queries
- Techniques for advanced Web Search
- Techniques for Trust Management

The research activity has been developed, in several cases, within national and international research projects.

The publications were numerous and both appeared on international journals and were presented at prestigious international conferences.

### 3. PATENTS

A patent has been registered in the USA, entitled "Querying Shapes of Histories"

whose authors are R.Agrawal, G.Psaila, E.Wimmers, M. Zait.

This patent is the result of the work developed at IBM ALmaden Research Center during the summer of 1994, whose goal was the definition of a qualitative analysis method of a database storing temporal sequence data, within the IBM "Quest" research project.

### 4. ORGANIZATION OF CONFERENCES AND WORKSHOPS

- International Workshop on "Database Technology for Data Mining", Prague (Czech Republic), 24 March 2002, in conjunction with EDBT International Conference on Extending Database Technology. Organizers: Pier Luca Lanzi and Giuseppe Psaila.

- International Workshop on "Supporting Imprecision and Uncertainty in Flexible Databases (SIUFDB-04)", Zaragoza (Spain), 3 September 2004, In conjunction with DEXA-04 International Conference on Database and Expert Systems Applications. Organizer: Giuseppe Psaila, PC chairs: Gloria Bordogna e Giuseppe Psaila.
- International Workshop on "Integrative Data Mining, Databases and Information Retrieval (IDDI-05)", Copenhagen (Denmark), 23 August 2005, in conjunction with DEXA-05 International Conference on Database and Expert Systems Applications. Organizer: Giuseppe Psaila, PC chairs: Gloria Bordogna e Giuseppe Psaila.
- International Workshop on "Flexible Databases and Information System Technology (FlexDBIST-06)", Krakow (Poland), 6 September 2006, in conjunction with DEXA-06 International Conference on Database and Expert Systems Applications. Organizers: Giuseppe Psaila, PC chairs: Gloria Bordogna e Giuseppe Psaila.
- EC-Web 2007 International Conference on "E-Commerce and Web Technologies", Regensburg (Germany), 3-7 September 2007. PC Chairs: Roland Wagner e Giuseppe Psaila.
- International Workshop on "Flexible Databases and Information System Technology (FlexDBIST-07)", Regensburg (Germany), 4 September 2007, in conjunction with DEXA-07 International Conference on Database and Expert Systems Applications. Organizer: Giuseppe Psaila, PC chairs: Gloria Bordogna e Giuseppe Psaila.
- EC-Web 2008 International Conference on "E-Commerce and Web Technologies", Torino (Italia), 1-5 September 2008. PC Chairs: Roland Wagner e Giuseppe Psaila.
- International Workshop on "Flexible Databases and Information System Technology (FlexDBIST-08)", Torino (Italia), 1-5 September 2008, in conjunction with DEXA-08 International Conference on Database and Expert Systems Applications. Organizer: Giuseppe Psaila, PC chairs : Gloria Bordogna e Giuseppe Psaila.
- International Workshop on "Flexible Databases and Information System Technology (FlexDBIST-09)", Linz (Austria), 31 August-4 September 2009, in conjunction with DEXA-2009 International Conference on Database and Expert Systems Applications. Organizer: Giuseppe Psaila, PC chairs : Gloria Bordogna e Giuseppe Psaila.
- International Workshop on "Flexible Databases and Information System Technology (FlexDBIST-10)", Bilbao (Spain), 30 August-3 September 2010, in conjunction with DEXA-2010 International Conference on Database and Expert Systems Applications. Organizer: Giuseppe Psaila, PC chairs : Gloria Bordogna e Giuseppe Psaila.