

Massimo Ruffolo – Publication List

Book Chapters

1. M. Ruffolo “L’ICT e il capitale intellettuale” in “Capitale intellettuale e amministrazioni pubbliche - Riferimenti metodologici e studi di caso per la gestione e la valorizzazione”. Quaderno Mipa-Istat n. 12. ISBN: 884581313-4, 2006.

Journals

2. G. Pirrò, M. Ruffolo, D. Talia. “*SECCO: On Building Semantic Links in Peer-to-Peer Networks*”. LNCS Journal on Data Semantics (JoDS). To Appear
3. M. Grimaldi, P. Rippa, M. Ruffolo. “*A Methodology to Evaluate the Organizational Impact of IT on Knowledge Management: An Italian Case Study*”. Journal of Information Technology Case and Application Research (JITCAR), Volume 10, N° 2. 2008
4. G. Pirrò, M. Ruffolo, D. Talia. “*Leveraging Peer-to-Peer and Ontologies for the Extended Enterprise*”. International Journal of Business Process Integration and Management (IJBPIIM). Special Issue in Innovations in the Extended Enterprise. vol. 3, n. 3. 2008.
5. A. Eisinger, G. Franzè, P. Pugliese and M. Ruffolo. “*On the approximation error in Lagrange interpolation on equal intervals*”. Journal of Computational Analysis and Applications, Vol 6, No. 4, pp. 349-356, 2004.

Conferences and workshops

6. G. Pirrò, M. Ruffolo, D. Talia. “*An Algorithm for Discovering Ontology Mappings in P2P Systems*”. 12th International Conference on Knowledge-Based and Intelligent Information & Engineering Systems (KES) Advanced Knowledge-based Systems Track. Zagreb, Croatia. 3, 4 and 5 September 2008.
7. G. Pirrò, M. Ruffolo, D. Talia. “*Advanced Semantic Search and Retrieval in a Collaborative Peer-to-Peer System*”. UPGRADE-CN 3rd Workshop on the Use of P2P, GRID and Agents for the Development of Content Networks (UPGRADE-CN'08) jointly held with the ACM/IEEE International Symposium on High Performance Distributed Computing (HPDC) Boston, MA, USA. June 23-27, 2008
8. M. Ruffolo, L. Guadagno, I. Sidhu. “*Semantic Enterprise Technologies*”. Proceedings of the workshop First Industrial Result of Semantic Technologies (FIRST) held in conjunction with ISWC/ESWC 2007. pg.70-84. 2007
9. M. Ruffolo. “*An Ontology Based Framework for Enterprise Knowledge Management*”. IV Italian Conference of the Italian Chapter of AIS (ItAIS). Servolo Island Vence – Italy October 3-4. 2007
10. M. Ruffolo, M. Ettore “*A Methodological Framework for Evaluating Economic and Organizational Impact of IT Solutions*”. IV Italian Conference of the Italian Chapter of AIS (ItAIS). Servolo Island Vence – Italy October 3-4. 2007
11. M. Ruffolo, M. Manna, V. Cozza, R. Ursino. “*Semantic Clinical Process Management*”. Proceedings of 20th IEEE International Symposium on Computer-Based Medical Systems Maribor, Slovenia, June 20-22, 2007
12. M. Ruffolo, M. Grimaldi, P. Rippa. “*The Organizational Impact of IT for Knowledge Management a Methodological Framework and an Application*”. Proceedings of Eighth

- Annual Global Information Technology Management Association (GITMA). World Conference on Naples, Italy, June 17-19, 2007.
13. M. Ruffolo, E. Le Coche, C. Mastroianni, D. Talia, G. Pirrò. "*A Peer-to-Peer Virtual Office for Organizational Knowledge Management*". Proceedings of the 6th International Conference on Practical Aspects of Knowledge Management, Vienna, Austria, Nov. 30th - Dec. 1st, 2006
 14. M. Ruffolo, M. Manna, L. Gallucci, N. Leone, D. Saccà. "*A Logic-Based Tool for Semantic Information Extraction*". Proceedings of the 10th European Conference on Logics in Artificial Intelligence (JELIA'06), University of Liverpool, UK, September 13-15, 2006
 15. M. Ruffolo, V. Cozza, L. Gallucci, M. Manna, M. Pizzonia. "*Semantic Information Elicitation from Unstructured Medical Records*". Proceeding of the: Convegno Italiano di Logica Computazionale (CILC 2006), Bari, Italy, June 26-27, 2006
 16. M. Ruffolo, N. Leone, M. Manna, D. Saccà. "*Towards a Semantic Information Extraction Approach from Unstructured Documents*". Proceedings of the fourteenth Italian Symposium on advanced Database System (SEBD'06), Ancona, Italy, June 18-21 2006
 17. M. Ruffolo, V. Cozza, L. Gallucci, M. Manna, M. Pizzonia. "*Semantic Information Elicitation from Unstructured Medical Records*". Proceedings of the workshop: Mastering the Gap - From Information Extraction to Semantic Representation (MTG) held in conjunction with European Semantic web Conference (ESWC 2006), Budva, Montenegro, June 11-14, 2006
 18. M. Ruffolo, M. Manna. "*HiLeX: A System for Semantic Information Extraction from Web Documents*". Enterprise Information Systems 8th International Conference, ICEIS 2006 Paphos, Cyprus, May 23-27, 2006 Revised *Selected Papers Series: Lecture Notes in Business Information Processing*, Vol. 3 Cordeiro, J.; Manolopoulos, Y.; Filipe, J.; Constantopoulos, P. (Eds.) XV, 466 p., Softcover ISBN: 978-3-540-77580-5. 2008
 19. M. Ruffolo, M. Manna. "*A Logic-Based Approach to Semantic Information Extraction*". Proceedings of the 8th International Conference on Enterprise Information Systems (ICEIS'06), Paphos, Cyprus, May 23-27, 2006
 20. M. Ruffolo, D. Talia, G. Pirrò. "*K-link: A Peer-to-Peer Solution for Organizational Knowledge Management*", Proceedings of the fifth International Workshop on Agents and Peer-to-Peer Computing (AP2PC), held at AAMAS 2006 Fifth International Joint Conference on Autonomous Agents and Multi Agent Systems, Hakodate, Future University, Japan, May 9-12, 2006
 21. M. Ruffolo, R. Curia, L. Gallucci. "*Process Management in Health Care: A System for Preventing Risks and Medical Errors*", Proceedings of the Business Process Management (BPM) conference, Nancy, France, 06-09 September 2005.
 22. M. Ruffolo, R. Curia, L. Gallucci. "*Knowledge Management in Health Care: an Architectural Framework for Clinical Process Management Systems*", Accepted to: Sixth International Workshop on Theory and Applications of Knowledge Management TAKMA 2005, In Conjunction with DEXA 2005, Copenhagen, Denmark, 22-26 August 2005.
 23. M. Ruffolo, N. Leone, M. Manna, D. Saccà, A. Zavatto. "*Exploiting ASP for Semantic Information Extraction*", Proceedings of the ASP'05 workshop - Answer Set Programming: Advances in Theory and Implementation, University of Bath, Bath, UK, 27th--29th July 2005.
 24. M. Ruffolo, A. Gualtieri. "*An Ontology-Based Framework for Representing Organizational Knowledge*", Proceedings of "I-Know" - International Conference on Knowledge Management, Graz, Austria, June 2005.

25. M. Ruffolo, R. Pietrantonio. “*Towards an Organizational Knowledge Representation Framework*”, Proceedings of First Workshop on Enterprise Modelling and Ontology: Ingredients for Interoperability - 5th International Conference on Practical Aspects of Knowledge Management, Wien, Austria, December 2004.
26. M. Ruffolo, G. Iazzolino, R. Pietrantonio, S. Verteramo. “*Una metodologia per il Knowledge Audit: primi risultati di una ricerca*”. XV riunione scientifica annuale AiIG (Associazione italiana per l’Ingegneria Gestionale) Centro congressi Università di Napoli Federico II 14-15 ottobre 2004.
27. M. Ruffolo, F. Angiulli, C. Pizzuti. “*DESCRY: A Density Based Clustering Algorithm for Very Large Dataset*”, Fifth International Conference on Intelligent Data Engineering and Automated Learning (IDEAL'04) August 25-27, Exeter, UK, 2004.
28. M. Ruffolo, M. Ettore, S. Iiritano, M. Mastratisi, P. Rullo “*A Logic-Based System for Textual Document Classification*”, Ontologies and Lexical Resources in Distributed Environments, OntoLex 2004, Lisbon, Portugal, may 29, 2004.
29. M. Ruffolo, S. Iiritano, P. Rullo “*Preprocessing Method and Similarity Measures in Clustering Based Text Mining: A Preliminary Study*”, Proceedings of Data Mining 2003 Conference, Rio de Janeiro, Brasil, December 1-3, 2003.
30. M. Ruffolo, F. Calimeri, S. Galizia, P. Rullo “*OntoDLP: a Logic Formalism for Knowledge Representation*”, ASP03 Answer Set Programming: Advances in Theory and Implementation The annual meeting of WASP, the European Working group on Answer Set Programming. Messina, Italy, September 26-29, 2003.
31. M. Ruffolo, F. Calimeri, S. Galizia, P. Rullo “*Enhancing Disjunctive Logic Programming for Ontology Specification*”, Proceedings of APPIA-GULP-PRODE 2003, Reggio Calabria, Italy, September 3-5, 2003.
32. M. Ruffolo, M. Ettore, L. Pontieri, P. Rullo, D. Sacca “*A Prototypal Environment for Collaborative Work within a Research Organization*”, Proceedings of Third International Workshop on Web Based Collaboration WBC'2003, Prague, Czech Republic, September 1 - 5 2003.
33. M. Ruffolo, G. Manco, E. Masciari, A. Tagarelli. “*Towards an Adaptive Mail Classifier*” Atti dell’Ottavo convegno della Associazione Italiana per l’Intelligenza Artificiale (AI*IA), Tecniche di intelligenza artificiale per la ricerca di informazioni sul web, Siena Italy, 11-13 settembre 2002.
34. M. Ruffolo, S. Iiritano. “*Managing the Knowledge Contained in Electronic Documents: a Clustering Method for Text Mining*”, Proceedings of Second International DEXA Workshop on Theory and Applications of Knowledge Management (TAKMA 2001), Munich Germany, september 3-7 2001.
35. M. Ruffolo, R. Bosco, A. Guzzo, G. Labocetta, P. Rullo. “*The Data Warehouse of Piano Telematico Calabria: Planning, Architecture and Functionalities*”, EUROWEB 2001, Pisa, Italy, 16-19 december 18-19 2001.
36. M. Ruffolo, S. Iiritano. “*La Gestione di Documenti Testuali: una Tecnica di Text Mining*”, Atti del 39-esimo Convegno annuale AICA – Tecnologie, Innovazione e Società - Cernobbio (Co) Italy, 19-22 settembre 2001.
37. M. Ruffolo, R. Bosco, A. Guzzo, G. Labocetta, P. Rullo. “*Il Data Warehouse del Piano Telematico Calabria: Progettazione, Architettura e Funzionalità*”, Atti del 39-esimo Convegno annuale AICA – Tecnologie, Innovazione e Società - Cernobbio (Co) Italy, 19-22 settembre 2001.
38. M. Ruffolo, R. Bosco, G. Labocetta, S. Laurita. “*Il DWD-UNICAL: Un Data Warehouse per la Valutazione della Didattica*”. Atti del convegno CAPTOR, Padova Italy – 18-19 dicembre 2000.

39. M. Ruffolo, R. Bosco, M. Cannataro, G. Cevenini, G. Labocchetta, E. Masciari, L. Palopoli, D. Saccà. “*Il Data Warehouse del Piano Telematico Calabria: Architettura ed Applicazioni OLAP*”, Atti del XXXVIII Congresso Annuale AICA, Taormina (Me) Italy, 3-7 Settembre 2000.

Technical Reports

40. M. Ruffolo, A. Garro. “*Gestire la Conoscenza in Domini Complessi: Rappresentazione e Gestione di Ontologie Attraverso Mappe della Conoscenza*”, ICAR-CNR Technical Report N° 3, gennaio 2003.
41. M. Ruffolo, A. Garro. “[Indicazioni per la definizione di una ontologia e sua espressione mediante DTD](#)”, ICAR-CNR Technical Report N° 101, novembre 2002.
42. M. Ruffolo, C. Pizzuti, D. Talia. “*Density Based Clustering of Large Data Sets with Categorical Attributes*”, Rapporto Tecnico ISI-CNR, ottobre 2001.
43. M. Ruffolo, G. Dattilo, E. Masciari, G. Spezzano. “*Using Spatial Information for Simulation of Landslides*”, Rapporto Tecnico ISI-CNR, giugno 2000.