

Vincenzo Pallotta's Publications

In reverse chronological order

In preparation

Ballim A. and Pallotta V., *Discourse through ViewFinder*, Ablex, Norwood, New Jersey.

2007

Pallotta V., Bruegger P. and Hirsbrunner B., *Kinetic User Interfaces: Physical Embodied Interaction with Mobile Pervasive Computing Systems*. In Kouadri-Mostéfaoui, Maamar, Giaglis (eds.), *Advances in Ubiquitous Computing: Future Paradigms and Directions*, IDEA Group Publishing, to appear 2007.

Pallotta V., Seretan V. and Ailomaa, M., *User Requirements Analysis for Meeting Information Retrieval Based on Query Elicitation*. In *Proceedings of the 45th Annual Conference of the Association of Computational Linguistics, ACL 2007, Prague, 25 - 27 June 2007*.

Chappelier J.C., Rajman M. and Pallotta V., *Chapter 3: Natural Language Processing*, in *Speech and Language Engineering*, Marcel Dekker and PPUR, 2007.

Rajman M. and Pallotta V., Drygailo A., Wherli, E., Bourlard, H., *Chapter 6: Language and speech engineering applications*, in *Speech and Language Engineering*, Marcel Dekker and PPUR, 2007

2006

Pallotta V. and Hirsbrunner B. *The Kinetic User Interface*. In Timo Arnall, Nicolas Nova, Julian Bleeker (eds.), *Proceedings of Workshop on Near Field Interaction: User-centered interactions with the Internet of Things, NordiCHI 2006*, Oslo, 13 - 14 October 2006.

Pallotta V., Brocco A., Guinard D., Bruegger P., De Almeida P., *RoamBlog: Outdoor and Indoor Geoblogging Enhanced with Contextual Service Provisioning for Mobile Internet Users*. In *Proceedings of the DART'06 International Workshop*. 27 June 2006. Cagliari, Italy.

Pallotta V., Seretan V., Ailomaa M., Ghorbel H., Rajman M., *Query types for Meeting Information Systems: assessing the role of argumentative structure in answering questions on meeting discussion records*. In 1st Workshop on Modeling Meetings, Argumentation & Discourse (part of the COMMA 2006 conference), University of Liverpool, 13 September 2006.

Pallotta V., *Framing Arguments*, In *Proceedings of the International Conference on Argumentation*, June 2006, Amsterdam, Netherlands.

Pallotta V. and Menzel W. (eds.). *Proceedings of the ROMAND 2006 Workshop*. April 3rd, 2006. Trento, Italy, European Chapter of Association of Computational Linguistics Conference (EACL), 2006.

Pallotta V., *The Meeting Discourse Ontology*. ICSI Technical Report n. Tr-05-001, Berkeley.

Pallotta V., *Mutual Understanding in ViewFinder*. ICSI Technical Report n. Tr-05-002, Berkeley.

2005

Portabella Clotet D., Pallotta V., Rajman, M., *Systematic definition and assent to eContracts for Web Services*. In Proceedings of the CoAla workshop on Contract Architectures and Languages, part of the 9th International conference EDOC 2005. 19-23 September 2005, Enschede, The Netherlands.

Pallotta V., Nieksraz J. and Purver M., *Collaborative and Argumentative Models of Meeting Discussions*. In Proceeding of CMNA-05 international workshop on Computational Models of Natural Arguments (part of IJCAI 2005). July, 30th 2005, Edimburgh, UK.

2004

Pallotta V. and Todirascu A. (eds.), *ROMAND 2004, Proceedings of the 3rd international workshop on Robust Methods in Analysis of Natural Language Data*, August, 29th 2004, Geneva, Switzerland.

Pallotta V., Lisowska A. and Marchand-Maillet S., *Towards Meeting Information Systems: Meeting Knowledge Management*. Proceeding of ICEIS 2004 international conference, 14-17 April, 2004, Porto, Portugal.

Pallotta V., *Cognitive Dialogue Management*, Proceedings of International Workshop on Natural Language Understanding and Cognitive Science, part of ICEIS 2004 conference, 13th April, 2004, Porto, Portugal.

Pallotta V., Ghorbel, H., Coray G. and Ruch P., *An argumentative annotation schema for meeting discussions*. Proceedings of the LREC 2004 international conference, 26-28 May 2004, Lisbon, Portugal.

Van der Plaas L., Pallotta V., Rajman M. and Ghorbel H. *Automatic keyword extraction from spoken text: A comparison between two lexical resources: the EDR and WordNet*. Proceedings of the LREC 2004 international conference, 26-28 May 2004, Lisbon, Portugal.

Möller S., Krebber J., Raake A., Smeele P., Rajman M., Melichar M., Pallotta V., Tsakou G., Kladis B., Vovos A., Hoonhout J., Schuchardt D., Fakotakis N., Potamitis I., *INSPIRE: Evaluation of a Smart-Home System for Infotainment Management and Device Control*. Proceedings of the LREC 2004 international conference, 26-28 May 2004, Lisbon, Portugal.

2003

Ruch P., Chichester C., Cohen G., Coray G., Ehrler F., Ghorbel H., Müller H., Pallotta V., *Report on the TREC 2003 Experiment: Genomic Track*, TREC 2003, TREC Notebook Paper, Gaithersburg, 17-21 November 2003.

Pallotta V. and Todirascu A. (eds.), *Ontologies and Information Extraction, Proceedings of the Eurolan 2003 workshop*, August 2003, Bucharest, Romania.

Pallotta V. *Computational Dialogue Models*, Tutorial at EACL 03, Budapest, April 12th, 2003.

Pallotta V., *A computational dialectics approach to meeting tracking and understanding*, in Special issue on Giacalone-Ramat, Rigotti, Rocci (eds.) "Linguistics and new professions" *Materiali Linguistici*, Franco Angeli, October 2003.

Armstrong, S., Clark, A., Coray, G., Georgescu, M., Pallotta, V., Popescu-Belis, A., Portabella, D., Rajman, M., and Starlander, M., *Natural Language Queries on Natural Language Data: a Database of Meeting Dialogues*. Proceedings of NLDB 2003 (8th

International Conference on Applications of Natural Language to Information Systems), Burg/Cottbus, Germany, 2003.

Pallotta V. and Rajman M., *Wizard of OZ Experiment Report*. Deliverable D4.1 INSPIRE project IST-2001-32746, April 2003.

2002

Pallotta V., *Cognitive Language Engineering: Towards Robust Human Computer Interaction*, Ph.D. thesis, Swiss Federal Institute of Technology - Lausanne, August 2002.

Basili R. and Pallotta V. eds., *Proceedings of the ROMAND 2002 - 2nd International Workshop on Robust Methods in Analysis of Natural Language Data*, July 17th 2002, Frascati (ROMA, Italy).

Ruch P. and Pallotta V., *Evaluating Document Retrieval and Index Pruning in Simulated Patient Files*, ROMAND 2002 - 2nd International Workshop on Robust Methods in Analysis of Natural Language Data, July 17th 2002, Frascati (ROMA, Italy).

Ballim A. and Pallotta V. eds., *Special Issue on Robust Methods in Analysis of Natural Language Data*, Natural Language Engineering Journal 8(2-3), June 2002.

Ballim A. and Pallotta V., *Robust Methods in Analysis of Natural Language Data*, Natural Language Engineering Journal 8(2-3), June 2002.

Pallotta V., Coray G. and Aimeur E., *A multimodal dialogue interface for flexible tutoring systems*, ICNEE2001- International Conference on New Educational Environments, 8-11 May, Lugano (CH).

2001

Pallotta V. and Ballim A., *Robust dialogue understanding in HERALD*, RANLP 2001 - Euroconference on Recent Advances in Natural Language Processing, September 5-7, 2001, Tzigov-Chark, Bulgaria.

Pallotta V., *A logical framework for designing robust distributed NLP applications*, EUROLAN 2001 - International Workshop on Modular Programming for NLP, August, 2001, Iasi, Romania.

Pallotta V. and Ballim A., *Agent-Oriented Language Engineering for robust NLP*, ESAW 2001 - 2nd International Workshop on Engineering Societies in the Agents' World, 7 July, 2001, Prague, Czech Republic. (Springer LNAI 2203)

2000

Ballim A. and Pallotta V., *Weighted semantic parsing: a robust approach to interpretation of natural language queries*, FQAS 2000 - Fourth International Conference on Flexible Query Answering System, October 25-28, 2000, Warsaw, Poland. (LNCS Springer Advances in Soft Computing).

Ballim A., Chappelier J-C., Rajman M. and Pallotta V., *ISIS: Interaction through Speech with Information Systems*, TSD 2000 - Third International Workshop on TEXT, SPEECH and DIALOGUE, September 13-16, 2000, Brno, Czech Republic. (Springer LNAI 1902).

Pallotta V. et al. (eds.), *Proceeding of the ESSLLI 2000 Student Session*, Logic and Computation section, August 7-18, 2000, Birmingham (UK).

Pallotta V., *A meta-logical semantics for Features & Fluents based on compositional operators over normal logic programs*, 1st International Conference on Computational Logic, July 24th-28th, 2000, London, UK. (Springer LNAI 1861).

Ballim A. and Pallotta V., *The role of robust semantic analysis in spoken language dialogue systems*, 3rd International Workshop on Human-Computer Conversation, July 3-5, 2000, Bellagio, Italy.

Ballim A., Chappelier J-C., Rajman M. and Pallotta V., *ISIS: Interaction through Speech with Information Systems*, 5th International Conference on Applications of Natural Language to Information Systems NLDB'2000, June 28-30 2000, Versailles - France. (Springer LNCS 1959).

Ballim A., Fatemi N., Ghorbel H. and Pallotta V., *A knowledge-based approach to semi-automatic annotation of multimedia documents via user adaption*, First EAGLES/ISLE Workshop on Meta-Descriptions and Annotation Schemas for Multimodal/Multimedia Language Resources (LREC 2000 Pre-Conference Workshop), 29/30 May 2000, Athens, Greece.

Ballim A. and Pallotta V., *Semantic filtering by inference on domain knowledge in spoken dialogue systems*, "From spoken dialogue to full natural interactive dialogue. Theory, empirical analysis and evaluation" LREC 2000 Workshop, May 29th, 2000 Athen, Greece.

Ghorbel H. and Pallotta V., *A weighted robust parsing approach to semantic annotation*, NAACL/ANLP 2000 Student Research Workshop, April 30th, 2000 Seattle, Washington (USA).

Ballim A., Coray G. and Pallotta V., *A hybrid approach to robust text analysis*, DI-EPFL Technical Report no. 2000/354, December, 2000 Lausanne.

Pallotta V., *Fluent Logic Programming*, DI-EPFL Technical Report no. 2000/353, December, 2000 Lausanne.

Ballim A., Ghorbel H. and Pallotta V. eds., *ROMAND 2000 workshop proceedings*, 19 -20 October, 2000 Lausanne.

1999

Chappelier J-C., Rajman M., Bouillon P., Armstrong S., Pallotta V., Ballim A., *ISIS Project: final report*, Sept. 15th 1999, Technical Report, Computer Science Department - Swiss Federal Institute of Technology - Lausanne.

Pallotta V., *Reasoning about Fluents in Logic Programming*, in proceedings of the WFLP'99 (8th International Workshop on Functional and Logic Programming) June 28-30 1999, Grenoble - France.

Ballim A., Pallotta V., *Semantic robust parsing for noun extraction from natural language queries*, in proceedings of the WPDI'99 (Workshop on Procedures in Discourse Interpretation), July 19-31 1999, Iasi - Romania.

Pallotta V., *Feature & Fluent revisited: from Event Calculus to Fluent Logic Programming*, in proceedings of the ESSLI'99 student sessions in Logic&Computation, August 9-21 1999, Utrecht - The Netherlands.

Ballim A., Pallotta V., *Robust parsing techniques for semantic analysis of natural language queries*, in VEXTAL'99, November 22-24 1999, Venice - Italy.

1998

Pallotta V., Turini F., *Towards a Fluent Logic Programming*, Technical Report TR-98-03, March 9th 1998, Computer Science Department - University of Pisa.

1997

Pallotta V., *Integrazione della Programmazione Logica e della Logica dei Fluenti*, Tesi di Laurea, December 19th 1997, Computer Science Department - University of Pisa.

Barsanti D., Pallotta V., *Lauree dell'Università di Pisa, 1737-1861 (indici, tabelle, grafici)*, Pisa, Università degli Studi, 1997.

1995

Barsanti D., Pallotta V., Pisanti P., *Lauree dell'Università di Pisa 1737-1861*, Centro Interdipartimentale di Servizi Informatici per l'Area Umanistica, I (2 tomi), Pisa, Università degli Studi di Pisa, 1995.