

CURRICULUM VITAE

LAURA ALONSO I ALEMANY

PERSONAL DETAILS

date of birth: august 18th 1977
place of birth: Barcelona (Spain)
web site: <http://cs.famaf.unc.edu.ar/~laura>
contact telephone: +54 351 433 4051 - Int. 414 / +54 (9) 351 (15) 636 14 75
e-mail: alemany@famaf.unc.edu.ar

EDUCATION

- 2005 **PhD thesis in Computational Linguistics**
Representing Discourse for Automatic text Summarization via Shallow NLP Techniques
Department of General Linguistics
University of Barcelona
Advisors:
Irene Castellón (Department of General Linguistics, University of Barcelona)
Lluís Padró (Software Department, Universitat Politècnica de Catalunya)
- 2001 **Master Thesis in Computational Linguistics**
An approach to Automatic Text Summarization via Discourse Markers
Interuniversity Doctorate in Cognitive Science and Language
Catalunya
- 1999 **Degree in General Linguistics**
University of Barcelona

TRAINING

- 2000 - 2004 **Scholarship of the Spanish Ministry for Science and Technology**
Research Staff Training Programme
Project: *Integration of Linguistic Resources for Information Extraction from Textual Corpora and Dictionaries*
Department of General Linguistics, Universitat de Barcelona
- 1999 - 2000 **Scholarship of the University of Barcelona**
Assistance to Research
Project: *LEXESP-III: Computerized Database of Spanish*

PROFESSIONAL ACTIVITIES

TEACHING

- 2005 *Algorithms and Data Structures*
Degree on Computer Science
Faculty of Mathematics, Astronomy and Physics, Universidad Nacional de Córdoba, Argentina
- 2005 *Exploiting Discourse Markers in Analysis of Political Discourse*
Graduate Program on Political Communication
Faculty of Communication Sciences, University Rovira i Virgili, Barcelona
- 2005 *Introduction to Natural Language Processing*
RIO Summer School on Computation
University of Río Cuarto (Argentina)
- 2004 *Development of a Shallow Dialogue Parsing Engine*
Dialogue Systems course within the *Graduate Programme in Logic*
Institute for Logic, Language and Computation (ILLC), University of Amsterdam
- 2004 *Formal Linguistic Features in Discourse Analysis*
Graduate Program on Political Communication
Faculty of Communication Sciences, University Rovira i Virgili, Barcelona
- 2004 *Computational Linguistics II*
Undergraduate Program on General Linguistics
Faculty of Philology, University of Barcelona
- 2003 *An Algorithmic Approach for Logical Programmers*
Interuniversity Doctorate on Cognitive Science and Language
University of Barcelona
- 2002 *Exploiting Discourse Markers in Discourse Analysis*
Graduate Program on Political Communication
Faculty of Communication Sciences, University Rovira i Virgili, Barcelona

INDUSTRIAL

- 2004 **consultant to Inxight Software Inc.**
Development of a Morphological analyzer for Catalan
- 1999 - 2000 **coordination of lexicographic projects**
CLiC, Centre de Llenguatge i Computació, *spin-off*, University of Barcelona

PARTICIPATION IN RESEARCH PROJECTS

- 2004 – SENSEM: *Development of a database of sentential semantics*
funded by the Spanish Ministry of Science and Technology
GRIAL Research Group, University of Barcelona
type of participation: researcher
task: design of the tasks of semantic annotation and knowledge acquisition
related publications: Alonso et al. (2005), Vázquez et al. (2005)
- 2005 CHIL: *Computers in the Human Interaction Loop*
funded by the European Commission's Sixth Framework Programme
TALP Research Centre, Polytechnic University of Catalunya
type of participation: researcher
task: collaboration in an automatic summarizer of oral input,
design and supervision of annotation of a corpus for Named Entity recognition
related publications: Fuentes et al. (2005)
- 2001 - 2003 VOLEM: *A Framework for the Construction of Advanced Multilingual Lexicons*
funded by the regions of Midi-Pyrénées and Catalunya
GRIAL Research Group, University of Barcelona
type of participation: collaboration
task: development of heuristics for knowledge-intensive disambiguation of
pronominal verbs in Spanish
related publications: Fernández et al. (2004)
- 2001 - 2003 PETRA: *Oral Interfaces for Advanced Unified Messaging Applications*
funded by the Spanish Ministry of Science and Technology
TALP Research Centre, Polytechnic University of Catalunya
type of participation: collaboration
task: development of the e-mail summarizer CARPANTA
related publications: Alonso et al. (2004b), Alonso et al. (2003b), Alonso et al. (2003c)
- 2001 - 2003 HERMES: *Electronic Libraries with Multilingual Information Retrieval and
Semantic Processing*
funded by the Spanish Ministry of Science and Technology
TALP Research Centre, Polytechnic University of Catalunya
type of participation: collaboration
task: theoretical and empirical comparative study of summarization techniques
related publications: Alonso and Fuentes (2002), Alonso and Fuentes (2003),
Fuentes et al. (2003)
- 2000 - 2002 X-TRACT: *Integration of Linguistic Resources for Information Extraction*
funded by the Spanish Ministry of Science and Technology
from Textual Corpora and Dictionaries
CLiC (Centre for Language and Computation), University of Barcelona
type of participation: researcher
task: study of information extraction techniques for text summarization
related publications: Alonso (2001a), Alonso (2001b), Alonso and Castellón (2001),
Alonso et al. (2002b), Alonso, Castellón, and Padró (2002c), Alonso et al. (2002a),
Alonso et al. (2002d),

ORGANIZATION OF SCIENTIFIC EVENTS

- 2005 *International Workshop on Discourse and Other Particles*
Department of General Linguistics, University of Barcelona, Barcelona
URL: http://www.ub.edu/ling/discourse_particles/
type of participation: co-organizer
- 2004 *Theoretical Issues in Sign Language Research (TISLR 8)*
Department of General Linguistics, University of Barcelona, Barcelona
URL: <http://www.ub.edu/ling/tislr8/>
type of participation: organizing committee and web master
- 2004 *ESLLI'04 Student Session*
16th European Summer School for Logic, Language and Information, Nancy (France)
URL: <http://lalonso.sdf-eu.org/stusESLLI04/>
type of participation: co-chair
- 2004 *ACL'04 Student Volunteer Programme*
42nd Meeting of the Association for Computational Linguistics, Barcelona
type of participation: general coordination
- 2003 *II Workshop on Research in Linguistics*
Department of General Linguistics, University of Barcelona, Barcelona
URL: <http://www.ub.es/ling/investigacioaldepartament/>
type of participation: co-organizer
- 2002 *Workshop on Research in Linguistics*
Department of General Linguistics, University of Barcelona, Barcelona
type of participation: co-organizer

SERVICE IN PROGRAMME COMMITTEES

- 2004 Student Session
16th European Summer School for Logic, Language and Information (ESLLI'04)
type of participation: co-chair
- 2004 Student Session
42nd Meeting of the Association for Computational Linguistics (ACL'04)
- 2004 *Empirical Methods in Natural Language Processing (EMNLP'04)*
- 2004 *Sociedad Española para el Procesamiento del Lenguaje Natural (SEPLN'04)*
- 2003 Student Session
European Summer School for Logic, Language and Information (ESLLI'04)
type of participation: co-chair for the area of Language and Computation
- 2003 Student Session
11th Conference of the European Chapter of the ACL (EACL'03)
- 2003 *Sociedad Española para el Procesamiento del Lenguaje Natural (SEPLN'03)*
- 2002 *Sociedad Española para el Procesamiento del Lenguaje Natural (SEPLN'02)*

SCIENTIFIC PUBLICATIONS

AS EDITOR

Alonso, Laura and Paul Égré (Eds) (2004). Proceedings of the 9th ESSLLI Student Session.

JOURNAL ARTICLES

Alonso, Laura, Jenna Shih, Irene Castellón, and Lluís Padró (2004). An analytic account of discourse markers for shallow NLP. M. Stede and H. Zeevat (Eds) Sprache und Datenverarbeitung, International Journal for Language Data Processing (28).

Alonso, Laura, Irene Castellón, Salvador Climent, Maria Fuentes, Lluís Padró, and Horacio Rodríguez (2003). Approaches to text summarization: Questions and answers. Revista Iberoamericana de Inteligencia Artificial (20), 34–52.

REFEREED CONFERENCE PAPERS

2005

Alonso, L., J. Capilla, I. Castellón, A. Fernández-Montraveta, and G. Vázquez (2005). The SenSem project: syntactico-semantic annotation of sentences in spanish. In Recent Advances in Natural Language Processing (RANLP'05).

Fuentes, M., E. Gonzàlez, H. Rodríguez, J. Turmo, and L. Alonso (2005). Summarizing spontaneous speech using general text properties. In H. Saggion (Ed.), Crossing Barriers in Text Summarization Research, workshop at RANLP'05.

Vázquez, G., A. Fernández-Montraveta, and L. Alonso (2005). Description of the guidelines for the syntactico-semantic annotation of a corpus in spanish. In Recent Advances in Natural Language Processing (RANLP'05).

2004

Alonso, Laura, Bernardino Casas, Irene Castellón, and Lluís Padró (2004). Knowledge-intensive automatic e-mail summarization in CARPANTA. In Proceedings of the 42nd meeting of the Association for Computational Linguistics. ACL'04. demo session.

Alonso, Laura, Irene Castellón, Jordi Escribano, Xavier Messeguer, and Lluís Padró (2004). Discovering discourse patterns by multiple sequence alignment. In 4th International Conference on Language Resources and Evaluation (LREC 2004).

Alonso, Laura, Maria Fuentes, Horacio Rodríguez, and Marc Massot (2004). Re-using high-quality resources for continued evaluation of automated summarization systems. In 4th International Conference on Language Resources and Evaluation (LREC 2004).

Fernández, Ana, Glòria Vázquez, Laura Alonso, and Irene Castellón (2004). A set of heuristics for semantic sentence disambiguation for spanish. In 4th International Conference on Language Resources and Evaluation (LREC 2004).

Laura Alonso i Alemany, Ezequiel Andújar Hinojosa, and Robert Sola Salvatierra (2004). A framework for feature-based description of low level discourse in discourse annotation. In B. Webber and D. Byron (Eds.), Workshop on Discourse Annotation. ACL'04.

2003

Alonso, Laura, Bernardino Casas, Irene Castellón, Salvador Climent, and Lluís Padró (2003b). Combining heterogeneous knowledge sources in e-mail summarization. In Recent Advances in Natural Language Processing (RANLP 2003), Borovets, Bulgaria.

Alonso, Laura, Bernardino Casas, Irene Castellón, Salvador Climent, and Lluís Padró (2003a). CARPANTA eats words you don't need from e-mail. In SEPLN, XIX Congreso Anual de la Sociedad Española para el Procesamiento del Lenguaje Natural.

Alonso, Laura and Maria Fuentes (2003). Integrating cohesion and coherence for text summarization. In Proceedings of the EACL'03 Student Session, Budapest, pp. 1–8.

Alonso, Laura, Jenna Shih, Irene Castellón, and Lluís Padró (2003). An analytic account of discourse markers for shallow NLP. In M. Stede and H. Zeevat (Eds.), The Meaning and Implementation of Discourse Particles, workshop at ESSLLI'03.

Boleda, G. and Laura Alonso (2003). Clustering adjectives for class acquisition. In Proceedings of the EACL'03 Student Session, Budapest, Hungary, pp. 9–16.

Fuentes, Maria, Marc Massot, Horacio Rodríguez, and Laura Alonso (2003). Mixed approach to headline extraction for DUC 2003. In HLT/NAACL Workshop on Text Summarization / DUC 2003, Edmonton, Canada.

2002

Alonso, Laura, Irene Castellón, Karina Gibert, and Lluís Padró (2002, October). An empirical approach to discourse markers by clustering. In CCIA, Congrés Català d'Intel·ligència Artificial, Castelló. Springer-Verlag.

Alonso, Laura, Irene Castellón, and Lluís Padró (2002a). Design and implementation of a spanish discourse marker lexicon. In SEPLN, Valladolid.

Alonso, Laura, Irene Castellón, and Lluís Padró (2002b). X-tractor: A tool for extracting discourse markers. In LREC 2002 workshop on Linguistic Knowledge Acquisition and Representation: Bootstrapping Annotated Language Data, Las Palmas.

Alonso, Laura, Irene Castellón, Lluís Padró, and Karina Gibert (2002, September). Discourse marker characterisation via clustering: extrapolation from supervised to unsupervised corpora. In SEPLN, Valladolid.

Alonso, Laura and Maria Fuentes (2002). Collaborating discourse for text summarisation. In Proceedings of the Seventh ESSLLI Student Session.

2001

Alonso, Laura (2001b). A proposal for an automated text summarisation system:integrating rhetorical structure theory and entity detection and tracking. In S. Chaudiron and C. Fluhr (Eds.), III Colloque d'ISKO-France: Filtrage et résumé automatique de l'information sur les réseaux.

Alonso, Laura and Irene Castellón (2001, November). Towards a delimitation of discursive segment for natural language processing applications. In First International Workshop on Semantics, Pragmatics and Rhetoric, Donostia - San Sebastián.

THESES

Alonso, Laura (2005). Representing Discourse for Automatic text Summarization via Shallow NLP Techniques PhD thesis, Departament de Lingüística General, Universitat de Barcelona.

Alonso, Laura (2001a). Aproximació al resum automàtic per marcadors discursius. Master's thesis, Departament de Lingüística General, Universitat de Barcelona.

SKILLS

LANGUAGES

	oral	written
Spanish	native	very good
Catalan	native	very good
English	very good	very good
German	very good	very good
French	good	very good

COMPUTING

operating systems unix, linux (RedHat, Debian), Mac OS X, Microsoft Windows
web applications html, css, cgi
programming languages Perl, Prolog