

Young Investigators Workshop on Computational Approaches to Languages of the Americas 2010

Held at NAACL HLT 2010

**Los Angeles, California, USA
6 June 2010**

ISBN: 978-1-61738-685-5

Printed from e-media with permission by:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571



Some format issues inherent in the e-media version may also appear in this print version.

Copyright© (2010) by the Association for Computational Linguistics
All rights reserved.

Printed by Curran Associates, Inc. (2010)

For permission requests, please contact the Association for Computational Linguistics
at the address below.

Association for Computational Linguistics
209 N. Eighth Street
Stroudsburg, Pennsylvania 18360

Phone: 1-570-476-8006
Fax: 1-570-476-0860

acl@aclweb.org

Additional copies of this publication are available from:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: 845-758-0400
Fax: 845-758-2634
Email: curran@proceedings.com
Web: www.proceedings.com

Table of Contents

<i>Computational Linguistics in Brazil: An Overview</i> Thiago Pardo, Caroline Gasperin, Helena de Medeiros Caseli and Maria das Graças Nunes	1
<i>Data-driven computational linguistics at FaMAF-UNC, Argentina</i> Laura Alonso Alemany and Gabriel Infante-Lopez	8
<i>Variable-Length Markov Models and Ambiguous Words in Portuguese</i> Fabio Natanael Kepler and Marcelo Finger	15
<i>Using Common Sense to generate culturally contextualized Machine Translation</i> Helena de Medeiros Caseli, Bruno Akio Sugiyama and Junia Coutinho Anacleto	24
<i>Human Language Technology for Text-based Analysis of Psychotherapy Sessions in the Spanish Language</i> Horacio Saggion, Elena Stein-Sparvieri, David Maldavsky and Sandra Szasz	32
<i>Computational Linguistics in Costa Rica: an overview</i> Jorge Antonio Leoni de León	40
<i>Fostering Digital Inclusion and Accessibility: The PorSimples project for Simplification of Portuguese Texts</i> Sandra Aluisio and Caroline Gasperin	46
<i>Opinion Identification in Spanish Texts</i> Aiala Rosá, Dina Wonsever and Jean-Luc Minel	54
<i>A Machine Learning Approach for Recognizing Textual Entailment in Spanish</i> Julio Castillo	62
<i>The emergence of the modern concept of introspection: a quantitative linguistic analysis</i> Iván Raskovsky, Diego Fernández Slezak, Carlos Diuk and Guillermo A. Cecchi	68
<i>Combining CBIR and NLP for Multilingual Terminology Alignment and Cross-Language Image Indexing</i> Diego Burgos	76
<i>IRASubcat, a highly parametrizable, language independent tool for the acquisition of verbal subcategorization information from corpus</i> Ivana Romina Altamirano and Laura Alonso Alemany	84
<i>The TermiNet Project: an Overview</i> Ariani Di Felippo	92
<i>Automated Detection of Language Issues Affecting Accuracy, Ambiguity and Verifiability in Software Requirements Written in Natural Language</i> Allan Berrocal Rojas and Elena Gabriela Barrantes Sliesarieva	100

<i>Recognition and extraction of definitional contexts in Spanish for sketching a lexical network</i>	
Cesar Aguilar, Olga Acosta and Gerardo Sierra	109
<i>Computational Linguistics for helping Requirements Elicitation: a dream about Automated Software Development</i>	
Carlos Mario Zapata Jaramillo	117
<i>Text Generation for Brazilian Portuguese: the Surface Realization Task</i>	
Eder Novais, Thiago Tadeu and Ivandre Paraboni	125
<i>Dialogue Systems for Virtual Environments</i>	
Luciana Benotti, Paula Estrella and Carlos Areces	132