

GL2013

Proceedings of the
**6th International Conference on
Generative Approaches to the Lexicon**
Generative Lexicon and Distributional Semantics

Edited by
Roser Saurí, Nicoletta Calzolari, Chu-Ren Huang, Alessandro Lenci,
Monica Monachini, James Pustejovsky

September 24-25, 2013
Pisa, Italy

ISBN 978-1-937284-98-5

Organizers:

Nicoletta Calzolari Istituto di Linguistica Computazionale “Antonio Zampolli”, Pisa, Italy
James Pustejovsky Brandeis University, Waltham, MA, USA

Chairs:

Chu-Ren Huang The Hong Kong Polytechnic University, Hong Kong
Alessandro Lenci Università di Pisa, Pisa, Italy
Monica Monachini Istituto di Linguistica Computazionale “Antonio Zampolli”, Pisa, Italy
Roser Saurí Barcelona Media, Catalonia, Spain

Local Organizer:

Sara Goggi Istituto di Linguistica Computazionale “Antonio Zampolli”, Pisa, Italy

Sponsors:



Endorsed by:



Program Committee

Marco Baroni	University of Trento
Olga Batiukova	Universidad Autonoma de Madrid
Núria Bel	Universitat Pompeu Fabra
Sabine Bergler	Concordia University
Gemma Boleda	University of Texas
Pierrette Bouillon	ETI/TIM/ISSCO, University of Geneva
Nicoletta Calzolari	ILC-CNR
Philipp Cimiano	University of Bielefeld
Ann Copestake	University of Cambridge
Laurence Danlos	Universite Paris 7
Stefan Evert	University of Erlangen
Christiane Fellbaum	Princeton University
Shu-Kai Hsieh	National Taiwan University
Chu-Ren Huang	The Hong Kong Polytechnic University
Nancy Ide	Vassar College
Hitoshi Isahara	Toyohashi University of Technology
Elisabetta Jezek	Università di Pavia
Kyoko Kanzaki	Toyohashi University of Technology
Adam Kilgarriff	Lexicography MasterClass Ltd
Alessandro Lenci	University of Pisa - Department of Linguistics
Bernardo Magnini	FBK
Louise McNally	Universitat Pompeu Fabra
Monica Monachini	ILC-CNR
Seungho Nam	Seoul National University
Fiammetta Namer	ATILF-CNRS, University of Nancy
Sebastian Padó	University of Heidelberg
Martha Palmer	University of Colorado
Massimo Poesio	University of Trento
James Pustejovsky	Brandeis University
Valeria Quochi	Istituto Di Linguistica Computazionale "Antonio Zampolli"
German Rigau	UPV/EHU
Anna Rumshisky	University of Massachusetts
Magnus Sahlgren	Gavagai AB
Roser Saurí	Barcelona Media
Zuoyan Song	Beijing Normal University
Laure Vieu	Institut de Recherche en Informatique de Toulouse
Piek Vossen	Vrije Universiteit
Alessandra Zarcone	University of Stuttgart

Preface

The papers in this volume represent some of the most recent and exciting work being carried out both within the framework of Generative Lexicon and related approaches to the lexicon and lexical resources. With the recent emphasis in natural language processing on the development of machine learning algorithms, it has become even more important for computational linguists to work on the development of linguistically informed lexical resources, for use in the annotation of corpora and creation of gold standard data for training, as well as the collation of larger theoretical datasets for investigating linguistic phenomena in greater detail and sophistication. These works contribute to this trend as well as to the further development of the mechanisms within GL for describing and explaining semantic and lexical phenomena in language.

The GL2013 Organizers and Chairs

Table of Contents

Program Committee	ii
Preface	iii
Talks	
<i>Invited Talks</i>	
<hr/>	
Dynamic Event Structure and Habitat Theory <i>James Pustejovsky</i>	1
Metaphor and Qualia: Embodiment or Eventuality? <i>Chu-Ren Huang, Kathleen Ahrens and Francesca Quattri</i>	11
<i>Day 1</i>	
<hr/>	
To Coerce or Not to Coerce: A Corpus-based Exploration of Some Complement Coercion Verbs in Chinese <i>Chan-Chia Hsu and Shu-Kai Hsieh</i>	13
Towards the automatic classification of complex-type nominals <i>Lauren Romeo, Sara Mendes and Núria Bel</i>	21
Qualia Relations in Metaphorical Noun-Noun Compounds <i>Zuoyan Song and Qingqing Zhao</i>	29
From Glosses to Qualia: Qualia Extraction from Senso Comune <i>Tommaso Caselli and Irene Russo</i>	37
Expanding VerbNet with Sketch Engine <i>Claire Bonial, Orin Hargraves and Martha Palmer</i>	44
Primitives of Events and the Semantic Representation <i>Hongzhi Xu and Chu-Ren Huang</i>	54
Generative Lexicon Theory and Linguistic Linked Open Data <i>Fahad Khan, Francesca Frontini, Riccardo Del Gratta, Monica Monachini and Valeria Quochi</i>	62
<i>Day 2</i>	
<hr/>	
Disambiguation of Basic Action Types through Nouns Telic Qualia <i>Irene Russo, Francesca Frontini, Irene De Felice, Fahad Khan and Monica Monachini</i>	70
Class-based Word Sense Induction for dot-type nominals <i>Lauren Romeo, Héctor Martínez Alonso and Núria Bel</i>	76
Mixing in Some Knowledge: Enriched Context Patterns for Bayesian Word Sense Induction <i>Rachel Chasin and Anna Rumshisky</i>	84
Informativeness Constraints and Compositionality <i>Olga Batiukova and James Pustejovsky</i>	92

Extended Generative Lexicon <i>Sumiyo Nishiguchi</i>	101
Features of Verb Complements in Co-composition: A case study of Chinese baking verb using Weibo corpus <i>Yu-Yun Chang and Shu-Kai Hsieh</i>	106
A Lexico-Semantic Analysis of Chinese Locality Phrases - A Topic Clustering Approach <i>August F.Y. Chao and Siaw-Fong Chung</i>	115
Author Index	125
Keyword Index	126