

# Word Sense Disambiguation

## Recent Successes and Future Directions

### Workshop Program

Thursday, July 11, 2002

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09:15-09:30	Welcome and Introduction
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09:30-10:30	<b>Session I (Preposition semantics)</b>
	A Multilingual Approach to Disambiguate Prepositions and Case Suffixes <i>Eneko Agirre, David Martinez, Mikel Lersundi</i>
	Digraph Analysis of Dictionary Preposition Definitions <i>Kenneth Litkowski</i>
	Under-Specification and Contextual Variability of Abstract Prepositions: a Case Study <i>Alda Mari</i>
	Defining and Representing Preposition Senses: a Preliminary Analysis <i>Emmanuelle Cannesson, Patrick Saint-Dizier</i>

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10:30-11:00	Break
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11:00-12:30	<b>Session II</b>
	A Study of Polysemy and Sense Proximity in the Senseval-2 Test Suite <i>Irina Chugur and Julio Gonzalo</i>
	Assessing System Agreement and Instance Difficulty in the Lexical Sample Tasks of Senseval-2 <i>Ted Pedersen</i>
	Sense Information for Disambiguation: Confluence of Supervised and Unsupervised Methods <i>Kenneth Litkowski</i>
	Sense Discrimination with Parallel Corpora <i>Nancy Ide, Tomaz Erjavec, Dan Tufis</i>
	Dutch Word Sense Disambiguation: Optimizing the Localness of Context <i>Veronique Hoste, Walter Daelemans, Iris Hendrickx, Antal van den Bosch</i>
	Unsupervised Italian Word Sense Disambiguation using WordNets and Unlabelled Corpora <i>Radu Florian and Richard Wicentowski</i>

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12:30 – 2:00	Lunch
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02:00-03:30

**Session III**

Combining Heterogeneous Classifiers for Word Sense Disambiguation

*Dan Klein, Kristina Toutanova, H. Tolga Ilban, Sepandar D. Kamvar, Christopher Manning*

Evaluating the Effectiveness of Ensembles of Decision Trees in  
Disambiguating Senseval Lexical Samples

*Ted Pedersen*

Combining Contextual Features for Word Sense Disambiguation

*Hoa Trang Dang, Martha Palmer*

Evaluating the Results of a Memory-Based Word-Expert Approach to  
Unrestricted Word Sense Disambiguation

*Veronique Hoste, Walter Daelemans, Iris Hendrickx, Antal van den Bosch,*

Improving Subcategorization Acquisition with WSD

*Judita Preiss, Anna Korhonen*

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03:30-04:00

Break

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04:00-05:30

**Session IV:**

Lexical Substitution as a Task for WSD Evaluation

*Diana McCarthy*

Building a Sense Tagged Corpus with Open Mind Word Expert

*Timothy Chklovski and Rada Mihalcea*

**Panel** – « Planning Senseval-3 »