Introduction

We are pleased to present the papers accepted for presentation at the Student Research Workshop of the 48th Annual Meeting of the Association for Computational Linguistics held in Uppsala, Sweden, July 11-16, 2010. The Student Research Workshop, an established tradition at the annual meetings of ACL, offers students the opportunity to present their work in a setting embedded in the main conference and features ACL’s efforts to invest in young researchers who will be a part of the research community in Computational Linguistics, Natural Language Processing and related fields in the near future. The workshop aimed at enabling students to exchange ideas with other researchers and experts and to receive useful feedback and directions for future research in an early stage of their work.

We are indebted to many people who contributed to the organization of the ACL 2010 Student Research Workshop. A total of 54 students and senior researchers agreed to serve on the program committee, of which 21 were from North America, 24 were from Europe, 2 were from Middle East, and 7 were from Asia/Pacific regions. The committee members, who represented various areas of NLP and computational linguistics research, well understood the spirit of the Student Research Workshop and provided high-quality, constructive, and elaborate reviews to all students who submitted their work. We are thankful to the members of the program committee for the time they spent reading and reviewing the papers.

We received 37 submissions from all over the world. Each submission was assigned to 3 reviewers, at least one of which was a senior researcher. We accepted 7 submissions for oral and poster presentation and 12 submissions for only poster presentation during a parallel session with the main conference. The presentation format was assigned based on the suggestions of the reviewers about how the work could be presented best, and does not indicate a quality difference among accepted papers. We would like to thank all students who contributed to the success of this years Student Research Workshop by submitting their research papers from a wide range of topics.

We are very grateful to Tomek Strzalkowski and Marketa Lopatkova, our tireless faculty advisors, for their advice, constant support, and obtaining funding. We also would like to thank the conference organizers of ACL’2010: the general chair, Jan Hajic, the program chairs, Sandra Carberry and Stephen Clark, the publications chairs Jing-Shin Chang and Philipp Koehn, and the local organization committee in particular Joakim Nivre, and Priscilla Rasmussen.

Finally, we wish to thank the U.S. National Science Foundation (NSF), The Don and Betty Walker Student Scholarship Fund of the Association for Computational Linguistics, and European Chapter of the ACL (EACL) for generously sponsoring this workshop by offering grants to assist presenters in covering their registration, accommodation, and travel costs.

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# Table of Contents

- **Non-Cooperation in Dialogue**  
  Brian Plüß  
  Page 1

- **Towards Relational POMDPs for Adaptive Dialogue Management**  
  Pierre Lison  
  Page 7

- **WSD as a Distributed Constraint Optimization Problem**  
  Siva Reddy and Abhilash Inumella  
  Page 13

- **A Probabilistic Generative Model for an Intermediate Constituency-Dependency Representation**  
  Federico Sangati  
  Page 19

- **Sentiment Translation through Lexicon Induction**  
  Christian Scheible  
  Page 25

- **Unsupervised Search for the Optimal Segmentation for Statistical Machine Translation**  
  Coşkun Mermer and Ahmet Afsın Akın  
  Page 31

- **How Spoken Language Corpora Can Refine Current Speech Motor Training Methodologies**  
  Danil Umanski and Federico Sangati  
  Page 37

- **Mood Patterns and Affective Lexicon Access in Weblogs**  
  Thin Nguyen  
  Page 43

- **Growing Related Words from Seed via User Behaviors: A Re-Ranking Based Approach**  
  Yabin Zheng, Zhiyuan Liu and Lixing Xie  
  Page 49

- **Transition-Based Parsing with Confidence-Weighted Classification**  
  Martin Haulrich  
  Page 55

- **Expanding Verb Coverage in Cyc with VerbNet**  
  Clifton McFate  
  Page 61

- **A Framework for Figurative Language Detection Based on Sense Differentiation**  
  Daria Bogdanova  
  Page 67

- **Automatic Selectional Preference Acquisition for Latin Verbs**  
  Barbara McGillivray  
  Page 73

- **Edit Tree Distance Alignments for Semantic Role Labelling**  
  Hector-Hugo Franco-Penya  
  Page 79

- **Automatic Sanskrit Segmentizer Using Finite State Transducers**  
  Vipul Mittal  
  Page 85

- **Adapting Self-Training for Semantic Role Labeling**  
  Rasoul Samad Zadeh Kaljahi  
  Page 91

- **Weakly Supervised Learning of Presupposition Relations between Verbs**  
  Galina Tremper  
  Page 97

- **Importance of Linguistic Constraints in Statistical Dependency Parsing**  
  Bharat Ram Ambati  
  Page 103
Tuesday, July 13, 2010

Conference Program

Oral Session (10:30–11:45)

Chaired by Jan Raab

10:30–10:40 Non-Cooperation in Dialogue
Brian Plüss

10:40–10:50 Towards Relational POMDPs for Adaptive Dialogue Management
Pierre Lison

10:50–11:00 WSD as a Distributed Constraint Optimization Problem
Siva Reddy and Abhilash Inumella

11:00–11:10 A Probabilistic Generative Model for an Intermediate Constituency-Dependency Representation
Federico Sangati

11:10–11:20 Sentiment Translation through Lexicon Induction
Christian Scheible

11:20–11:30 Unsupervised Search for the Optimal Segmentation for Statistical Machine Translation
Coşkun Mermer and Ahmet Afsın Akın

11:30–11:40 How Spoken Language Corpora Can Refine Current Speech Motor Training Methodologies
Daniil Umanski and Federico Sangati

11:55–13:15 Each talk is accompanied by a poster presentation
Tuesday, July 13, 2010 (continued)

**Poster Session (11:55–13:15)**

*Mood Patterns and Affective Lexicon Access in Weblogs*
Thin Nguyen

*Growing Related Words from Seed via User Behaviors: A Re-Ranking Based Approach*
Yabin Zheng, Zhiyuan Liu and Lixing Xie

*Transition-Based Parsing with Confidence-Weighted Classification*
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*Importance of Linguistic Constraints in Statistical Dependency Parsing*
Bharat Ram Ambati

*The Use of Formal Language Models in the Typology of the Morphology of Amerindian Languages*
Andres Osvaldo Porta