

# CONFERENCE PROGRAM

**Friday, July 11, 2003**

8:20-8:30 Welcome

## **Session 1: Multilingual Methods, and Paraphrasing**

8:30-8:55 *A Projection Extension Algorithm for Statistical Machine Translation*  
Christoph Tillmann

8:55-9:20 *Statistical Machine Translation Using Coercive Two-Level Syntactic Transduction*  
Charles Schafer and David Yarowsky

9:20-9:45 *Cross-Lingual Lexical Triggers in Statistical Language Modeling*  
Woosung Kim and Sanjeev Khudanpur

9:45-10:10 *Sentence Alignment for Monolingual Comparable Corpora*  
Regina Barzilay and Noemie Elhadad

10:10-10:35 Break

## **Session 2: Predicate-Argument Structure**

10:35-11:00 *Antecedent Recovery: Experiments with a Trace Tagger*  
Péter Dienes and Amit Dubey

11:00-11:25 *Use of Deep Linguistic Features for the Recognition and Labeling of Semantic Arguments*  
John Chen and Owen Rambow

11:25-11:50 *Maximum Entropy Models for FrameNet Classification*  
Michael Fleischman, Namhee Kwon and Eduard Hovy

11:50-12:15 *Identifying Semantic Roles Using Combinatory Categorical Grammar*  
Daniel Gildea and Julia Hockenmaier

12:15-2:00 Lunch

## **Invited Talk**

2:00-3:00 Kevin Knight: Deeper Representations for Machine Translation: Ready or Not?

3:00-3:30 Break

## **Session 3: New Methods**

3:30-3:55 *Variation of Entropy and Parse Trees of Sentences as a Function of the Sentence Number*  
Dmitriy Genzel and Eugene Charniak

3:55-4:20 *A Plethora of Methods for Learning English Countability*  
Timothy Baldwin and Francis Bond

4:20-4:45 *A General Framework for Distributional Similarity*  
Julie Weeds and David Weir

4:45-5:10 Break

#### **Session 4: Parsing**

- 5:10-5:35 *Using LTAG Based Features in Parse Reranking*  
Libin Shen, Anoop Sarkar and Aravind Joshi
- 5:35-6:00 *Log-Linear Models for Wide-Coverage CCG Parsing*  
Stephen Clark and James Curran

**Saturday, July 12, 2003**

#### **Session 5: Semantics and Generation**

- 8:30-8:55 *Learning Extraction Patterns for Subjective Expressions*  
Ellen Riloff and Janyce Wiebe
- 8:55-9:20 *Bootstrapping Coreference Classifiers with Multiple Machine Learning Algorithms*  
Vincent Ng and Claire Cardie
- 9:20-9:45 *Statistical Acquisition of Content Selection Rules for Natural Language Generation*  
Pablo Ariel Duboue and Kathleen R McKeown
- 9:45-10:10 *Towards Answering Opinion Questions:  
Separating Facts from Opinions and Identifying the Polarity of Opinion Sentences*  
Hong Yu and Vasileios Hatzivassiloglou
- 10:10-10:35 Break

#### **Session 6: Maximum-Entropy Methods, and Alternatives**

- 10:35-11:00 *Evaluation and Extension of Maximum Entropy Models with Inequality Constraints*  
Jun'ichi Kazama and Jun'ichi Tsujii
- 11:00-11:25 *Investigating Loss Functions and Optimization Methods  
for Discriminative Learning of Label Sequences*  
Yasemin Altun, Mark Johnson and Thomas Hofmann
- 11:25-11:50 *A Fast Algorithm for Feature Selection in Conditional Maximum Entropy Modeling*  
Yaqian Zhou, Fuliang Weng, Lide Wu and Hauke Schmidt
- 11:50-12:15 *Training Connectionist Models for the Structured Language Model*  
Peng Xu, Ahmad Emami and Frederick Jelinek
- 12:15-2:00 Lunch

### **Session 7: Word Sense Disambiguation and Anaphora**

- 2:00-2:25 *Supersense Tagging of Unknown Nouns in WordNet*  
Massimiliano Ciaramita and Mark Johnson
- 2:25-2:50 *Using the Web in Machine Learning for Other-Anaphora Resolution*  
Natalia N. Modjeska, Katja Markert and Malvina Nissim
- 2:50-3:15 *Japanese Zero Pronoun Resolution based on Ranking Rules and Machine Learning*  
Hideki Isozaki and Tsutomu Hirao
- 3:15-3:40 Break

### **Session 8: Asian Languages/Information Retrieval**

- 3:40-4:05 *A Maximum Entropy Chinese Character-Based Parser*  
Xiaoqiang Luo
- 4:05-4:30 *HowtogetaChineseName(Entity): Segmentation and Combination Issues*  
Hongyan Jing, Radu Florian, Xiaoqiang Luo, Tong Zhang and Abraham Ittycheriah
- 4:30-4:55 *Virtual Examples for Text Classification with Support Vector Machines*  
Manabu Sassano
- 4:55-5:20 *Improved Automatic Keyword Extraction Given More Linguistic Knowledge*  
Anette Hulth
- 5:20-5:30 Best Paper Award