CONFERENCE PROGRAM

Saturday, May 31

9:00-9:15 Opening Remarks (Walter Daelemans and Miles Osborne)

Session 1: Parsing

9:15-9:40 A model of syntactic disambiguation based on lexicalized grammars
Yusuke Miyao and Jun’ichi Tsujii

9:40-10:05 An SVM-based voting algorithm with application to parse reranking
Libin Shen and Aravind K. Joshi

10:05-10:30 Active learning for HPSG parse selection
Jason Baldridge and Miles Osborne

10:30-11:00 BREAK

Session 2: Bootstrapping (1)

11:00-11:30 Learning subjective nouns using extraction pattern bootstrapping
Ellen Riloff, Janyce Wiebe and Theresa Wilson

11:30-12:00 Unsupervised Personal Name Disambiguation
Gideon Mann and David Yarowsky

12:00-12:30 Unsupervised learning of word sense disambiguation rules by estimating an optimum
iteration number in the EM algorithm
Hiroyuki Shinnou and Minoru Sasaki

12:30-14:00 LUNCH

Session 3: Bootstrapping (2)

14:00-15:00 Understanding the Yarowsky algorithm (Invited Talk)
Steven Abney

15:00-15:30 Bootstrapping POS-taggers using unlabelled data
Stephen Clark, James Curran and Miles Osborne

15:30-16:00 BREAK

Session 4: Generic problems

16:00-16:30 Updating an NLP system to fit new domains: an empirical study on the
sentence segmentation problem
Tong Zhang, Fred Damerau and David Johnson

16:30-17:00 Exceptionality and Natural Language Learning
Mihai Rotaru and Diane J. Litman

17:00-17:30 SIGNLL Business Meeting
Sunday, June 1

Session 5: Semantics

9:00-9:30  Semi-supervised Verb Class Discovery Using Noisy Features  
Suzanne Stevenson and Eric Joanis

9:30-10:00  Preposition Semantic Classification via Treebank and FrameNet  
Tom O'Hara and Janyce Wiebe

10:00-10:30  Phrasenet: towards context sensitive lexical semantics  
Xin Li, Dan Roth and Yuancheng Tu

10:30-11:00  BREAK

Session 6: Machine Translation

11:00-11:30  Confidence estimation for translation prediction  
Simona Gandrabur and George Foster

11:30-12:00  Using 'smart' bilingual projection to feature-tag a monolingual dictionary  
Katharina Probst

12:00-12:30  Using LSA and Noun Coordination Information to Improve the Recall and Precision of Automatic Hyponymy Extraction  
Scott Cederberg and Dominic Widdows

12:30-14:00  LUNCH

Session 7: Clustering

14:00-14:30  An efficient clustering algorithm for class-based language models  
Takuya Matsuzaki, Yusuke Miyao and Jun’ichi Tsujii

14:30-15:00  Training a Naive Bayes Classifier via the EM Algorithm with a Class Distribution Constraint  
Yoshimasa Tsuruoka and Jun’ichi Tsujii

15:00-15:30  Identifying Events using Similarity and Context  
Dominic R. Jones and Cynthia A. Thompson

15:30-15:45  BREAK

Session 8: Shared Task: Language-Independent Named Entity Recognition

15:45-16:00  Introduction to the CoNLL-2003 Shared Task: Language-Independent Named Entity Recognition  
Erik F. Tjong Kim Sang and Fien De Meulder

16:00-17:00  Systems Presentations

17:00-17:30  Summary and Discussion