Table of Contents

Efficient Third-Order Dependency Parsers
Terry Koo and Michael Collins ................................................................. 1

Dependency Parsing and Projection Based on Word-Pair Classification
Wenbin Jiang and Qun Liu ................................................................. 12

Bitext Dependency Parsing with Bilingual Subtree Constraints
Wenliang Chen, Jun’ichi Kazama and Kentaro Torisawa ............................ 21

Computing Weakest Readings
Alexander Koller and Stefan Thater ...................................................... 30

Identifying Generic Noun Phrases
Nils Reiter and Anette Frank ............................................................. 40

Structural Semantic Relatedness: A Knowledge-Based Method to Named Entity Disambiguation
Xianpei Han and Jun Zhao ................................................................. 50

Correcting Errors in Speech Recognition with Articulatory Dynamics
Frank Rudzicz .......................................................... 60

Learning to Adapt to Unknown Users: Referring Expression Generation in Spoken Dialogue Systems
Srinivasan Janarthanam and Oliver Lemon ........................................ 69

A Risk Minimization Framework for Extractive Speech Summarization
Shih-Hsiang Lin and Berlin Chen ...................................................... 79

The Human Language Project: Building a Universal Corpus of the World’s Languages
Steven Abney and Steven Bird ........................................................... 88

Bilingual Lexicon Generation Using Non-Aligned Signatures
Daphna Shezaf and Ari Rappoport ...................................................... 98

Hiroshi Echizen-ya and Kenji Araki .................................................. 108

Open Information Extraction Using Wikipedia
Fei Wu and Daniel S. Weld ............................................................... 118

SystemT: An Algebraic Approach to Declarative Information Extraction
Laura Chiticariu, Rajasekar Krishnamurthy, Yunyao Li, Sriram Raghavan, Frederick Reiss and Shivakumar Vaithyanathan .......................... 128

Extracting Social Networks from Literary Fiction
David Elson, Nicholas Dames and Kathleen McKeown .......................... 138

Pseudo-Word for Phrase-Based Machine Translation
Xiangyu Duan, Min Zhang and Haizhou Li ........................................ 148

Hierarchical Search for Word Alignment
Jason Riesa and Daniel Marcu ......................................................... 157
<table>
<thead>
<tr>
<th>Title</th>
<th>Authors</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>“Was It Good? It Was Provocative.” Learning the Meaning of Scalar Adjectives</td>
<td>Marie-Catherine de Marneffe, Christopher D. Manning and Christopher Potts</td>
<td>167</td>
</tr>
<tr>
<td>Importance-Driven Turn-Bidding for Spoken Dialogue Systems</td>
<td>Ethan Selfridge and Peter Heeman</td>
<td>177</td>
</tr>
<tr>
<td>Entity-Based Local Coherence Modelling Using Topological Fields</td>
<td>Jackie Chi Kit Cheung and Gerald Penn</td>
<td>186</td>
</tr>
<tr>
<td>Syntactic and Semantic Factors in Processing Difficulty: An Integrated Measure</td>
<td>Jeff Mitchell, Mirella Lapata, Vera Demberg and Frank Keller</td>
<td>196</td>
</tr>
<tr>
<td>Rebanking CCGbank for Improved NP Interpretation</td>
<td>Matthew Honnibal, James R. Curran and Johan Bos</td>
<td>207</td>
</tr>
<tr>
<td>BabelNet: Building a Very Large Multilingual Semantic Network</td>
<td>Roberto Navigli and Simone Paolo Ponzetto</td>
<td>216</td>
</tr>
<tr>
<td>Fully Unsupervised Core-Adjunct Argument Classification</td>
<td>Omri Abend and Ari Rappoport</td>
<td>226</td>
</tr>
<tr>
<td>Towards Open-Domain Semantic Role Labeling</td>
<td>Danilo Croce, Cristina Giannone, Paolo Annesi and Roberto Basili</td>
<td>237</td>
</tr>
<tr>
<td>A Bayesian Method for Robust Estimation of Distributional Similarities</td>
<td>Jun’ichi Kazama, Stijn De Saeger, Kow Kuroda, Masaki Murata and Kentaro Torisawa</td>
<td>247</td>
</tr>
<tr>
<td>Recommendation in Internet Forums and Blogs</td>
<td>Jia Wang, Qing Li, Yuanzhu Peter Chen and Zhangxi Lin</td>
<td>257</td>
</tr>
<tr>
<td>Learning Phrase-Based Spelling Error Models from Clickthrough Data</td>
<td>Xu Sun, Jianfeng Gao, Daniel Micol and Chris Quirk</td>
<td>266</td>
</tr>
<tr>
<td>Inducing Domain-Specific Semantic Class Taggers from (Almost) Nothing</td>
<td>Ruihong Huang and Ellen Riloff</td>
<td>275</td>
</tr>
<tr>
<td>Learning 5000 Relational Extractors</td>
<td>Raphael Hoffmann, Congle Zhang and Daniel S. Weld</td>
<td>286</td>
</tr>
<tr>
<td>Unsupervised Ontology Induction from Text</td>
<td>Hoifung Poon and Pedro Domingos</td>
<td>296</td>
</tr>
<tr>
<td>Exploring Syntactic Structural Features for Sub-Tree Alignment Using Bilingual Tree Kernels</td>
<td>Jun Sun, Min Zhang and Chew Lim Tan</td>
<td>306</td>
</tr>
<tr>
<td>Discriminative Pruning for Discriminative ITG Alignment</td>
<td>Shujie Liu, Chi-Ho Li and Ming Zhou</td>
<td>316</td>
</tr>
<tr>
<td>Fine-Grained Tree-to-String Translation Rule Extraction</td>
<td>Xianchao Wu, Takuya Matsuzaki and Jun’ichi Tsujii</td>
<td>325</td>
</tr>
<tr>
<td>Accurate Context-Free Parsing with Combinatory Categorial Grammar</td>
<td>Timothy A. D. Fowler and Gerald Penn</td>
<td>335</td>
</tr>
</tbody>
</table>
Faster Parsing by Supertagger Adaptation
Jonathan K. Kummerfeld, Jessika Roesner, Tim Dawborn, James Haggerty, James R. Curran and Stephen Clark ................................................................. 345

Using Smaller Constituents Rather Than Sentences in Active Learning for Japanese Dependency Parsing
Manabu Sassano and Sadao Kurohashi .................................................. 356

Conditional Random Fields for Word Hyphenation
Nikolaos Trogkanis and Charles Elkan .................................................. 366

Enhanced Word Decomposition by Calibrating the Decision Threshold of Probabilistic Models and Using a Model Ensemble
Sebastian Spiegler and Peter A. Flach .................................................... 375

Word Representations: A Simple and General Method for Semi-Supervised Learning
Joseph Turian, Lev-Arie Ratinov and Yoshua Bengio ................................ 384

Identifying Text Polarity Using Random Walks
Ahmed Hassan and Dragomir Radev .................................................... 395

Sentiment Learning on Product Reviews via Sentiment Ontology Tree
Wei Wei and Jon Atle Gulla ............................................................... 404

Employing Personal/Impersonal Views in Supervised and Semi-Supervised Sentiment Classification
Shoushan Li, Chu-Ren Huang, Guodong Zhou and Sophia Yat Mei Lee ........ 414

A Latent Dirichlet Allocation Method for Selectional Preferences
Alan Ritter, Mausam and Oren Etzioni .................................................. 424

Latent Variable Models of Selectional Preference
Diarmuid Ó Séaghdha ................................................................. 435

Improving the Use of Pseudo-Words for Evaluating Selectional Preferences
Nathanael Chambers and Dan Jurafsky ................................................. 445

Syntax-to-Morphology Mapping in Factored Phrase-Based Statistical Machine Translation from English to Turkish
Reyyan Yeniterzi and Kemal Oflazer .................................................... 454

Hindi-to-Urdu Machine Translation through Transliteration
Nadir Durrani, Hassan Sajjad, Alexander Fraser and Helmut Schmid ........ 465

Training Phrase Translation Models with Leaving-One-Out
Joern Wuebker, Arne Mauser and Hermann Ney ................................... 475

Efficient Staggered Decoding for Sequence Labeling
Nobuhiro Kaji, Yasuhiro Fujiwara, Naoki Yoshinaga and Masaru Kitsuregawa ........ 485

Minimized Models and Grammar-Informed Initialization for Supertagging with Highly Ambiguous Lexicons
Sujith Ravi, Jason Baldridge and Kevin Knight .................................... 495

Practical Very Large Scale CRFs
Thomas Lavergne, Olivier Cappé and François Yvon ............................ 504
<table>
<thead>
<tr>
<th>Title</th>
<th>Authors</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>On the Computational Complexity of Dominance Links in Grammatical Formalisms</td>
<td>Sylvain Schmitz</td>
<td>514</td>
</tr>
<tr>
<td>Optimal Rank Reduction for Linear Context-Free Rewriting Systems with Fan-Out Two</td>
<td>Benoît Sagot and Giorgio Satta</td>
<td>525</td>
</tr>
<tr>
<td>The Importance of Rule Restrictions in CCG</td>
<td>Marco Kuhlmann, Alexander Koller and Giorgio Satta</td>
<td>534</td>
</tr>
<tr>
<td>Automatic Evaluation of Linguistic Quality in Multi-Document Summarization</td>
<td>Emily Pitler, Annie Louis and Ani Nenkova</td>
<td>544</td>
</tr>
<tr>
<td>Identifying Non-Explicit Citing Sentences for Citation-Based Summarization</td>
<td>Vahed Qazvinian and Dragomir R. Radev</td>
<td>555</td>
</tr>
<tr>
<td>Automatic Generation of Story Highlights</td>
<td>Kristian Woodsend and Mirella Lapata</td>
<td>565</td>
</tr>
<tr>
<td>Sentence and Expression Level Annotation of Opinions in User-Generated Discourse</td>
<td>Cigdem Toprak, Niklas Jakob and Iryna Gurevych</td>
<td>575</td>
</tr>
<tr>
<td>Generating Focused Topic-Specific Sentiment Lexicons</td>
<td>Valentin Jijkoun, Maarten de Rijke and Wouter Weerkamp</td>
<td>585</td>
</tr>
<tr>
<td>Evaluating Multilanguage-Comparability of Subjectivity Analysis Systems</td>
<td>Jungi Kim, Jin-Ji Li and Jong-Hyeok Lee</td>
<td>595</td>
</tr>
<tr>
<td>Error Detection for Statistical Machine Translation Using Linguistic Features</td>
<td>Deyi Xiong, Min Zhang and Haizhou Li</td>
<td>604</td>
</tr>
<tr>
<td>TrustRank: Inducing Trust in Automatic Translations via Ranking</td>
<td>Radu Soricut and Abdessamad Echihabi</td>
<td>612</td>
</tr>
<tr>
<td>Bridging SMT and TM with Translation Recommendation</td>
<td>Yifan He, Yanjun Ma, Josef van Genabith and Andy Way</td>
<td>622</td>
</tr>
<tr>
<td>On Jointly Recognizing and Aligning Bilingual Named Entities</td>
<td>Yufeng Chen, Chengqing Zong and Keh-Yih Su</td>
<td>631</td>
</tr>
<tr>
<td>Generating Templates of Entity Summaries with an Entity-Aspect Model and Pattern Mining</td>
<td>Peng Li, Jing Jiang and Yinglin Wang</td>
<td>640</td>
</tr>
<tr>
<td>Comparable Entity Mining from Comparative Questions</td>
<td>Shasha Li, Chin-Yew Lin, Young-In Song and Zhoujun Li</td>
<td>650</td>
</tr>
<tr>
<td>Towards Robust Multi-Tool Tagging. An OWL/DL-Based Approach</td>
<td>Christian Chiarcos</td>
<td>659</td>
</tr>
<tr>
<td>Temporal Information Processing of a New Language: Fast Porting with Minimal Resources</td>
<td>Francisco Costa and Antônio Branco</td>
<td>671</td>
</tr>
<tr>
<td>A Taxonomy, Dataset, and Classifier for Automatic Noun Compound Interpretation</td>
<td>Stephen Tratz and Eduard Hovy</td>
<td>678</td>
</tr>
<tr>
<td>Models of Metaphor in NLP</td>
<td>Ekaterina Shutova</td>
<td>688</td>
</tr>
</tbody>
</table>
A Game-Theoretic Model of Metaphorical Bargaining
Beata Beigman Klebanov and Eyal Beigman ........................................ 698

Kernel Based Discourse Relation Recognition with Temporal Ordering Information
WenTing Wang, Jian Su and Chew Lim Tan ............................................ 710

Hierarchical Joint Learning: Improving Joint Parsing and Named Entity Recognition with Non-Jointly Labeled Data
Jenny Rose Finkel and Christopher D. Manning .................................. 720

Detecting Errors in Automatically-Parsed Dependency Relations
Markus Dickinson .......................................................... 729

Boosting-Based System Combination for Machine Translation
Tong Xiao, Jingbo Zhu, Muhua Zhu and Huizhen Wang ....................... 739

Fine-Grained Genre Classification Using Structural Learning Algorithms
Zhili Wu, Katja Markert and Serge Sharoff ........................................... 749

Metadata-Aware Measures for Answer Summarization in Community Question Answering
Mattia Tomasoni and Minlie Huang ..................................................... 760

A Hybrid Rule/Model-Based Finite-State Framework for Normalizing SMS Messages
Richard Beaufort, Sophie Roekhaut, Louise-Amélie Cougnon and Cédrick Fainon .......... 770

Letter-Phoneme Alignment: An Exploration
Sittichai Jiampojamarn and Grzegorz Kondrak ................................. 780

Using Document Level Cross-Event Inference to Improve Event Extraction
Shasha Liao and Ralph Grishman ......................................................... 789

Now, Where Was I? Resumption Strategies for an In-Vehicle Dialogue System
Jessica Villing ............................................................. 798

Learning to Follow Navigational Directions
Adam Vogel and Dan Jurafsky ....................................................... 806

A Hybrid Hierarchical Model for Multi-Document Summarization
Asli Celikyilmaz and Dilek Hakkani-Tur ...................................... 815

Improving Statistical Machine Translation with Monolingual Collocation
Zhanyi Liu, Haifeng Wang, Hua Wu and Sheng Li .............................. 825

Bilingual Sense Similarity for Statistical Machine Translation
Boxing Chen, George Foster and Roland Kuhn .............................. 834

Untangling the Cross-Lingual Link Structure of Wikipedia
Gerard de Melo and Gerhard Weikum ............................................. 844

Bucking the Trend: Large-Scale Cost-Focused Active Learning for Statistical Machine Translation
Michael Bloodgood and Chris Callison-Burch .............................. 854

Creating Robust Supervised Classifiers via Web-Scale N-Gram Data
Shane Bergsma, Emily Pitler and Dekang Lin ................................. 865
Convolution Kernel over Packed Parse Forest
Min Zhang, Hui Zhang and Haizhou Li ................................. 875

Estimating Strictly Piecewise Distributions
Jeffrey Heinz and James Rogers ........................................ 886

String Extension Learning
Jeffrey Heinz ................................................................. 897

Compositional Matrix-Space Models of Language
Sebastian Rudolph and Eugenie Giesbrecht .......................... 907

Cross-Language Document Summarization Based on Machine Translation Quality Prediction
Xiaojun Wan, Huiying Li and Jianguo Xiao .............................. 917

A New Approach to Improving Multilingual Summarization Using a Genetic Algorithm
Marina Litvak, Mark Last and Menahem Friedman ................. 927

Bayesian Synchronous Tree-Substitution Grammar Induction and Its Application to Sentence Compression
Elif Yamangil and Stuart M. Shieber .................................. 937

Contextualizing Semantic Representations Using Syntactically Enriched Vector Models
Stefan Thater, Hagen Fürstenuaz and Manfred Pinkal .............. 948

Bootstrapping Semantic Analyzers from Non-Contradictory Texts
Ivan Titov and Mikhail Kozhevnikov ................................ 958

Open-Domain Semantic Role Labeling by Modeling Word Spans
Fei Huang and Alexander Yates ................................. 968

Learning Script Knowledge with Web Experiments
Michaela Regneri, Alexander Koller and Manfred Pinkal ....... 979

Starting from Scratch in Semantic Role Labeling
Michael Connor, Yael Gertner, Cynthia Fisher and Dan Roth .................. 989

Modeling Norms of Turn-Taking in Multi-Party Conversation
Kornel Laskowski ......................................................... 999

Optimising Information Presentation for Spoken Dialogue Systems
Verena Rieser, Oliver Lemon and Xingkun Liu ...................... 1009

Combining Data and Mathematical Models of Language Change
Morgan Sonderegger and Partha Niyogi ............................... 1019

Finding Cognate Groups Using Phylogenies
David Hall and Dan Klein ............................................. 1030

An Exact A* Method for Deciphering Letter-Substitution Ciphers
Eric Corlett and Gerald Penn ........................................ 1040

A Statistical Model for Lost Language Decipherment
Benjamin Snyder, Regina Barzilay and Kevin Knight ............ 1048
Efficient Inference through Cascades of Weighted Tree Transducers
Jonathan May, Kevin Knight and Heiko Vogler .................................................. 1058

A Tree Transducer Model for Synchronous Tree-Adjoining Grammars
Andreas Maletti ........................................................................................................ 1067

Dynamic Programming for Linear-Time Incremental Parsing
Liang Huang and Kenji Sagae .................................................................................. 1077

Hard Constraints for Grammatical Function Labelling
Wolfgang Seeker, Ines Rehbein, Jonas Kuhn and Josef Van Genabith .................. 1087

Simple, Accurate Parsing with an All-Fragments Grammar
Mohit Bansal and Dan Klein .................................................................................... 1098

Joint Syntactic and Semantic Parsing of Chinese
Junhui Li, Guodong Zhou and Hwee Tou Ng ......................................................... 1108

Cross-Language Text Classification Using Structural Correspondence Learning
Peter Prettenhofer and Benno Stein ....................................................................... 1118

Cross-Lingual Latent Topic Extraction
Duo Zhang, Qiaozhu Mei and ChengXiang Zhai ..................................................... 1128

Topic Models for Word Sense Disambiguation and Token-Based Idiom Detection
Linlin Li, Benjamin Roth and Caroline Sporleder .................................................. 1138

PCFGs, Topic Models, Adaptor Grammars and Learning Topical Collocations and the Structure of Proper Names
Mark Johnson .......................................................................................................... 1148

A Cognitive Cost Model of Annotations Based on Eye-Tracking Data
Katrin Tomanek, Udo Hahn, Steffen Lohmann and Jürgen Ziegler ...................... 1158

A Rational Model of Eye Movement Control in Reading
Klinton Bicknell and Roger Levy ............................................................................... 1168

The Influence of Discourse on Syntax: A Psycholinguistic Model of Sentence Processing
Amit Dubey .............................................................................................................. 1179

Complexity Metrics in an Incremental Right-Corner Parser
Stephen Wu, Asaf Bachrach, Carlos Cardenas and William Schuler .................... 1189

“Ask Not What Textual Entailment Can Do for You…”
Mark Sammons, V.G.Vinod Vydiswaran and Dan Roth ....................................... 1199

Assessing the Role of Discourse References in Entailment Inference
Shachar Mirkin, Ido Dagan and Sebastian Pado ..................................................... 1209

Global Learning of Focused Entailment Graphs
Jonathan Berant, Ido Dagan and Jacob Goldberger .............................................. 1220

Modeling Semantic Relevance for Question-Answer Pairs in Web Social Communities
Baoxun Wang, Xiaolong Wang, Chengjie Sun, Bingquan Liu and Lin Sun ............. 1230
<table>
<thead>
<tr>
<th>Title</th>
<th>Authors</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Many Words Is a Picture Worth? Automatic Caption Generation for News Images</td>
<td>Yansong Feng and Mirella Lapata</td>
<td>1239</td>
</tr>
<tr>
<td>Generating Image Descriptions Using Dependency Relational Patterns</td>
<td>Ahmet Aker and Robert Gaizauskas</td>
<td>1250</td>
</tr>
<tr>
<td>Reading between the Lines: Learning to Map High-Level Instructions to Commands</td>
<td>S.R.K. Branavan, Luke Zettlemoyer and Regina Barzilay</td>
<td>1268</td>
</tr>
<tr>
<td>Profiting from Mark-Up: Hyper-Text Annotations for Guided Parsing</td>
<td>Valentin I. Spitkovsky, Daniel Jurafsky and Hiyan Alshawi</td>
<td>1278</td>
</tr>
<tr>
<td>Phylogenetic Grammar Induction</td>
<td>Taylor Berg-Kirkpatrick and Dan Klein</td>
<td>1288</td>
</tr>
<tr>
<td>Improved Unsupervised POS Induction through Prototype Discovery</td>
<td>Omri Abend, Roi Reichart and Ari Rappoport</td>
<td>1298</td>
</tr>
<tr>
<td>Extraction and Approximation of Numerical Attributes from the Web</td>
<td>Dmitry Davidov and Ari Rappoport</td>
<td>1308</td>
</tr>
<tr>
<td>Learning Word-Class Lattices for Definition and Hypernym Extraction</td>
<td>Roberto Navigli and Paola Velardi</td>
<td>1318</td>
</tr>
<tr>
<td>On Learning Subtypes of the Part-Whole Relation: Do Not Mix Your Seeds</td>
<td>Ashwin Ittoo and Gosse Bouma</td>
<td>1328</td>
</tr>
<tr>
<td>Understanding the Semantic Structure of Noun Phrase Queries</td>
<td>Xiao Li</td>
<td>1337</td>
</tr>
<tr>
<td>Multilingual Pseudo-Relevance Feedback: Performance Study of Assisting Languages</td>
<td>Manoj Kumar Chinnakotla, Karthik Raman and Pushpak Bhattacharyya</td>
<td>1346</td>
</tr>
<tr>
<td>Wikipedia as Sense Inventory to Improve Diversity in Web Search Results</td>
<td>Celina Santamaria, Julio Gonzalo and Javier Artiles</td>
<td>1357</td>
</tr>
<tr>
<td>A Unified Graph Model for Sentence-Based Opinion Retrieval</td>
<td>Binyang Li, Lanjun Zhou, Shi Feng and Kam-Fai Wong</td>
<td>1367</td>
</tr>
<tr>
<td>Generating Fine-Grained Reviews of Songs from Album Reviews</td>
<td>Swati Tata and Barbara Di Eugenio</td>
<td>1376</td>
</tr>
<tr>
<td>A Study of Information Retrieval Weighting Schemes for Sentiment Analysis</td>
<td>Georgios Paltoglou and Mike Thelwall</td>
<td>1386</td>
</tr>
<tr>
<td>Supervised Noun Phrase Coreference Research: The First Fifteen Years</td>
<td>Vincent Ng</td>
<td>1396</td>
</tr>
<tr>
<td>Unsupervised Event Coreference Resolution with Rich Linguistic Features</td>
<td>Cosmin Bejan and Sanda Harabagiu</td>
<td>1412</td>
</tr>
<tr>
<td>Coreference Resolution across Corpora: Languages, Coding Schemes, and Preprocessing Information</td>
<td>Marta Recasens and Eduard Hovy</td>
<td>1423</td>
</tr>
</tbody>
</table>
Constituency to Dependency Translation with Forests
Haitao Mi and Qun Liu ................................................................. 1433

Learning to Translate with Source and Target Syntax
David Chiang ............................................................................. 1443

Discriminative Modeling of Extraction Sets for Machine Translation
John DeNero and Dan Klein ......................................................... 1453

Detecting Experiences from Weblogs
Keun Chan Park, Yoonjae Jeong and Sung Hyon Myaeng .................... 1464

Experiments in Graph-Based Semi-Supervised Learning Methods for Class-Instance Acquisition
Partha Pratim Talukdar and Fernando Pereira ................................... 1473

Learning Arguments and Supertypes of Semantic Relations Using Recursive Patterns
Zornitsa Kozareva and Eduard Hovy ............................................. 1482

A Transition-Based Parser for 2-Planar Dependency Structures
Carlos Gómez-Rodríguez and Joakim Nivre .................................. 1492

Viterbi Training for PCFGs: Hardness Results and Competitiveness of Uniform Initialization
Shay Cohen and Noah A Smith ...................................................... 1502

A Generalized-Zero-Preserving Method for Compact Encoding of Concept Lattices
Matthew Skala, Victoria Krakovna, János Kramár and Gerald Penn .......... 1512

Knowledge-Rich Word Sense Disambiguation Rivaling Supervised Systems
Simone Paolo Ponzetto and Roberto Navigli .................................. 1522

All Words Domain Adapted WSD: Finding a Middle Ground between Supervision and Unsupervision
Mitesh Khapra, Anup Kulkarni, Saurabh Sohoney and Pushpak Bhattacharyya ............. 1532

Combining Orthogonal Monolingual and Multilingual Sources of Evidence for All Words WSD
Weiwei Guo and Mona Diab ......................................................... 1542

Phrase-Based Statistical Language Generation Using Graphical Models and Active Learning
François Mairesse, Milica Gasic, Filip Jurcicek, Simon Keizer, Blaise Thomson, Kai Yu and Steve Young ....................................................... 1552

Plot Induction and Evolutionary Search for Story Generation
Neil McIntyre and Mirella Lapata ................................................. 1562

Automated Planning for Situated Natural Language Generation
Konstantina Garoufi and Alexander Koller ..................................... 1573

Beyond NomBank: A Study of Implicit Arguments for Nominal Predicates
Matthew Gerber and Joyce Chai ..................................................... 1583