

Workshop on Prior Knowledge for Text and Language Processing

Organizers: *Guillaume Bouchard, Hal Daumé III, Marc Dymetman, Yee Whye Teh*

9:00-9:05	Opening Remarks
9:05-9:50	Invited Talk: <i>Learning Rules: From PCFGs to Adaptor Grammars</i> Mark Johnson
9:50-10:00	Poster Preview
10:00-10:30	Coffee Break
10:30-10:55	<i>Constraints as Prior Knowledge</i> Ming-Wei Chang, Lev Ratinov and Dan Roth
10:55-11:40	Invited Talk: <i>Some thoughts on prior knowledge, deep architectures and NLP</i> Jason Weston
11:40-12:30	Poster Session <i>Using Participant Role in Multiparty Meetings as Prior Knowledge for Nonparametric Topic Modeling</i> Songfang Huang and Steve Renals <i>Exponential family sparse coding with application to self-taught learning with text documents</i> Honglak Lee, Rajat Raina, Alex Teichman and Andrew Y. Ng <i>Using Prior Domain Knowledge to Build HMM-Based Semantic Tagger Trained on Completely Unannotated Data</i> Kinfe Tadesse Mengistu, Mirko Hanneman, Tobias Baum and Andreas Wendemuth <i>Knowledge as a Constraint on Uncertainty for Unsupervised Classification: A Study in Part-of-Speech Tagging</i> Thomas J. Murray, Panayiotis G. Georgiou and Shrikanth S. Narayanan <i>Dirichlet Process Mixture Models for Verb Clustering</i> Andrea Vlachos, Zoubin Ghahramani and Anna Korhonen
12:30-14:30	Lunch
14:30-15:15	Invited Talk: <i>Incorporating Prior Knowledge into NLP with Markov Logic</i> Pedro Domingos
15:15-15:40	<i>Expanding a Gazetteer-Based Approach for Geo-Parsing Disease Alerts</i> Mikaela Keller, John S. Brownstein and Clark C. Freifeld
15:40-16:05	<i>Bayesian Modeling of Dependency Trees Using Hierarchical Pitman-Yor Priors</i> Hanna M. Wallach, Charles Sutton and Andrew McCallum
16:05-16:30	Coffee Break
16:30-17:30	Panel: David Blei, Fabrizio Costa, Peter Grünwald, Mark Johnson, Jason Weston
17:30-17:55	<i>DRASO: Declaratively Regularized Alternating Structural Optimization</i> Partha Pratim Talukdar, Ted Sandler, Mark Dredze, Koby Crammer, John Blitzer and Fernando Pereira
17:55-18:00	Wrap-up

For last minute information, papers, etc., see:

<http://prior-knowledge-language-ws.wikidot.com>

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