

# WORKSHOP PROGRAM

## Friday, July 11

- 9:00-9:05 Welcome and opening of the workshop
- 9:05-9:30 *Gene Name Extraction Using FlyBase Resources*  
Alex Morgan, Lynette Hirschman, Alexander Yeh and Marc Colosimo
- 9:30-9:55 *Unsupervised Monolingual and Bilingual Word-Sense Disambiguation of Medical Documents using UMLS*  
Dominic Widdows, Stanley Peters, Scott Cederberg, Chiu-Ki Chan, Diana Steffen and Paul Buitelaar
- 9:55-10:20 *Using Domain-Specific Verbs for Term Classification*  
Irena Spasić, Goran Nenadić and Sophia Ananiadou
- 10:20-10:50 BREAK
- 10:50-11:05 *Enhancing Performance of Protein Name Recognizers Using Collocation*  
Wen-Juan Hou and Hsin-Hsi Chen
- 11:05-11:30 *Two-Phase Biomedical NE Recognition based on SVMs*  
Ki-Joong Lee, Young-Sook Hwang and Hae-Chang Rim
- 11:30-11:55 *Boosting Precision and Recall of Dictionary-Based Protein Name Recognition*  
Yoshimasa Tsuruoka and Jun'ichi Tsujii
- 11:55-12:10 *Effective Adaptation of Hidden Markov Model-based Named Entity Recognizer for Biomedical Domain*  
Dan Shen, Jie Zhang, Guodong Zhou, Jian Su and Chew-Lim Tan
- 12:10-12:25 *Bio-Medical Entity Extraction using Support Vector Machines*  
Koichi Takeuchi and Nigel Collier
- 12:25-12:40 *Protein Name Tagging for Biomedical Annotation in Text*  
Kaoru Yamamoto, Taku Kudo, Akihiko Konagaya and Yuji Matsumoto
- 12:40-14:00 LUNCH
- 14:00-14:50 *Invited Speech: Opportunities and Challenges for NLP in Biomedicine*  
Carol Friedman
- 14:50-15:05 *Answering Clinical Questions with Role Identification*  
Yun Niu, Graeme Hirst, Gregory McArthur and Patricia Rodriguez-Gianolli
- 15:05-15:30 *Extracting Information on Pneumonia in Infants Using Natural Language Processing of Radiology Reports*  
Eneida A. Mendonca, Janet Haas, Lyudmila Shagina, Elaine Larson and Carol Friedman
- 15:30-15:45 *Identification of Patients with Congestive Heart Failure using a Binary Classifier: A Case Study.*  
Serguei V. Pakhomov, James Buntrock and Christopher G. Chute
- 15:45-16:10 BREAK

- 16:10-16:25 *Encoding Biomedical Resources in TEI: The Case of the GENIA Corpus*  
Tomaž Erjavec, Jin-Dong Kim, Tomoko Ohta, Yuka Tateisi and Jun'ichi Tsujii
- 16:25-16:40 *Exploring Adjectival Modification in Biomedical Discourse Across Two Genres*  
Olivier Bodenreider and Serguei V. Pakhomov
- 16:40-16:55 *An Investigation of Various Information Sources for Classifying Biological names*  
Manabu Torii, Sachin Kamboj and K. Vijay-Shanker
- 16:55-17:10 *Selecting Text Features for Gene Name Classification: from Documents to Terms*  
Goran Nenadić, Simon Rice, Irena Spasić, Sophia Ananiadou and Benjamin Stapley
- 17:10-17:30 Closing of the Workshop