# 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