Sixth i2b2 Shared Task and Workshop
Challenges in Natural Language Processing for Clinical Data: Temporal Relations

November 2, 2012

9:00 – 9:30 AM: Breakfast

9:30 – 10:15 AM: Opening remarks

Uzuner, Rumshisky, and Sun. *Temporal Relations Challenge Data Annotation Process and System Results.*

10:15 – 10:45 AM: Presentations: Session 1

Colin Cherry, Xiaodan Zhu, Joel Martin, Berry de Bruijn. *A la Recherche du Temps Perdu – Extracting Temporal Relations from Medical Text in the 2012 i2b2 NLP Challenge*

10:45 – 11:00 AM: Break

11:00 – 12:00 PM: Presentations: Session 2

Yu-Kai Lin, Randall A. Brown, Hsinchun Chen. *MedTime: A Temporal Information Extraction System for Clinical Narratives*

Sunghwan Sohn, Kavishwar Wagholikar, Dingcheng Li, Siddhartha R. Jonnalagadda, Cui Tao, Ravikumar Komandur Elayavilli, Hongfang Liu. *Comprehensive Temporal Information Discovery from Discharge Summaries: Medical Events, Time, and TLINK Identification*

12:00PM – 1:00PM: Lunch & posters (set up)

1:00PM – 2:00PM – Presentations: Session 3

Cyril Grouin, Natalia Grabar, Thierry Hamon, Sophie Rosset, Xavier Tannier, Pierre Zweigenbaum. *A tale of temporal relations between clinical concepts and temporal expressions: towards a representation of the clinical patient's timeline*

Yan Xu, Yining Wang, Tianren Liu, Junichi Tsujii, Eric Chang. *An end-to-end system to identify temporal relation in discharge summaries: 2012 i2b2 challenge*

2:00 – 3:30: Break and Poster session

Yung-Chun Chang, Jian-Ming Chen, Hong-Jie Dai, Johnny Chi-Yang Wu, Chun-Hung Lu, Richard Tzong-Han Tsai, Wen-Lian Hsu. *TEMPTING: A Hybrid Method of Rule and Machine Learning for Temporal Relation Extraction in the Patient Discharge Summaries*

Yao Cheng, Peter Anick, Pengyu Hong, Nianwen Xue. *Temporal Relation Discovery between Events and Temporal Expressions Identified in Clinical Narrative*

Phil Gooch. *A lightweight, pattern-based approach to identification and formalisation of TimeML expressions in clinical narratives*

Rocio Guillen, Martha Osorio Prado, David Saldana Jr. *A Rule-Based Approach to Identify and Classify Temporal Expressions*

Prateek Jindal, Dan Roth. *Timexes and Events Extraction With Global Inference for Clinical Narratives*

Aleksandar Kovačević, Azad Dehghan, Michele Filannino, John A. Keane and Goran Nenadic. *Extraction of events, temporal expressions and relations from clinical narratives using rules and machine-learning*

Qi Li, Dogukan Sonmez, Serge Thiery Akoa Owona, Faisal Farooq, Shipeng Yu, Balaji Krishnapuram. *Two-stage Statistical Event Extraction and Rule-based Timex Recognition for I2b2 2012 Challenge*

Azadeh Nikfarjam, Ehsan Emadzadeh, Nate Sutton, Graciela Gonzalez. *Temporal Relationship Extraction from Clinical Notes Using SVM and Graph Reasoning*

Ivelina Nikolova, Svetla Boytcheva, Galia Angelova, K. Bretonnel Cohen. *Temporal expressions in clinical text: Event recognition and time expressions*

Emily Silgard, Melissa Tharp, Ruth Reeves, Alan Calvitti, Wendy Chapman, Rutu Mulkar-Mehta. *A Hybrid System for Temporal Relation Determination in Medical Discharge Summaries*

3:30 – 4:30: Presentations: Session 4

Kirk Roberts, Bryan Rink, Sanda M. Harabagiu. *UTD: Hybrid Methods for Temporal Relation Identification in Clinical Text*

Buzhou Tang, Yonghui Wu, Min Jiang, Yukun Chen, Joshua C Denny, Hua Xu. *Extracting temporal information from clinical text – Vanderbilt's system for the 2012 i2b2 NLP challenge*

4:30- 5:30: Discussion and closing remarks