

EACL 2014

**14th Conference of the European Chapter of the
Association for Computational Linguistics**



**Proceedings of the 5th International Workshop on Health
Text Mining and Information Analysis (Louhi)**

April 27, 2014
Gothenburg, Sweden

Conference Program

Sunday 27 April 2014

08:45 Opening Remarks by Sumithra Velupillai, Department of Computer and Systems Sciences (DSV), Stockholm University

Keynote Talk

09:00 *Keynote: Supporting evidence-based medicine using text mining*
Sophia Ananiadou

Session I

10:05 *A Graph-Based Analysis of Medical Queries of a Swedish Health Care Portal*
Farnaz Moradi, Ann-Marie Eklund, Dimitrios Kokkinakis, Tomas Olovsson and Philippas Tsigas

10:30 Coffee

Session II

11:00 *The impact of near domain transfer on biomedical named entity recognition*
Nigel Collier, Mai-vu Tran and Ferdinand Paster

11:25 *Domain Adaptation with Active Learning for Coreference Resolution*
Shanheng Zhao and Hwee Tou Ng

11:55 *Towards Cross-Domain PDTB-Style Discourse Parsing*
Evgeny Stepanov and Giuseppe Riccardi

12:20 Lunch Break

Sunday 27 April 2014 (continued)

Session III

- 13:45 *Translating SNOMED CT Terminology into a Minor Language*
Olatz Perez-de-Viñaspre and Maite Oronoz
- 14:10 *A System for Building FrameNet-like Corpus for the Biomedical Domain*
He Tan
- 14:35 *Gene–disease association extraction by text mining and network analysis*
Changqin Quan and Fuji Ren

Poster Session (with coffee 15:30-16:00)

Negation scope and spelling variation for text-mining of Danish electronic patient records
Cecilia Engel Thomas, Peter Bjødstrup Jensen, Thomas Werge and Søren Brunak

Building a semantically annotated corpus for congestive heart and renal failure from clinical records and the literature
Noha Alnazzawi, Paul Thompson and Sophia Ananiadou

Precise Medication Extraction using Agile Text Mining
Chaitanya Shivade, James Cormack and David Milward

Applying UMLS for Distantly Supervised Relation Detection
Roland Roller and Mark Stevenson

Adverse Drug Event prediction combining shallow analysis and machine learning
Sara Santiso, Arantza Casillas, Alicia Perez, Maite Oronoz and Koldo Gojenola

Reducing VSM data sparseness by generalizing contexts: application to health text mining
Amandine Périnet and Thierry Hamon

Disambiguation of Period Characters in Clinical Narratives
Markus Kreuzthaler and Stefan Schulz

Tuning HeidelTime for identifying time expressions in clinical texts in English and French
Thierry Hamon and Natalia Grabar

Sunday 27 April 2014 (continued)

Session IV

- 16:00 *Detecting drugs and adverse events from Spanish social media streams*
Isabel Segura-Bedmar, Ricardo Revert and Paloma Martínez
- 16:25 *Care Episode Retrieval*
Hans Moen, Erwin Marsi, Filip Ginter, Laura-Maria Murtola, Tapio Salakoski and Sanna Salanterä
- 16:50 Guest Announcement BioASQ by John Pavlopoulos
- 16:55 Closing Remarks by Sumithra Velupillai, Department of Computer and Systems Sciences (DSV), Stockholm University