

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