

# Conference Program

## Wednesday, October 31, 2018

- 9:00–9:10     *Introduction*  
Graciela Gonzalez
- 9:10–9:30     *Football and Beer - a Social Media Analysis on Twitter in Context of the FIFA Football World Cup 2018*  
Roland Roller, Philippe Thomas and Sven Schmeier
- 9:30–9:50     *Stance-Taking in Topics Extracted from Vaccine-Related Tweets and Discussion Forum Posts*  
Maria Skeppstedt, Manfred Stede and Andreas Kerren
- 9:50–10:10   *Identifying Depression on Reddit: The Effect of Training Data*  
Inna Pirina and Çağrı Çöltekin
- 10:30–11:00   *Tea Break and Poster Session***
- 11:00–11:20   *Overview of the Third Social Media Mining for Health (SMM4H) Shared Tasks at EMNLP 2018*  
Davy Weissenbacher, Abeed Sarker, Michael J. Paul and Graciela Gonzalez-Hernandez
- 11:20–11:40   *Changes in Psycholinguistic Attributes of Social Media Users Before, During, and After Self-Reported Influenza Symptoms*  
Lucie Flekova, Vasileios Lampos and Ingemar Cox
- 11:40–12:00   *Thumbs Up and Down: Sentiment Analysis of Medical Online Forums*  
Victoria Bobicev and Marina Sokolova
- 12:00–12:20   *Identification of Emergency Blood Donation Request on Twitter*  
Puneet Mathur, Meghna Ayyar, Sahil Chopra, Simra Shahid, Laiba Mehnaz and Rajiv Shah
- 12:20–12:30   *Dealing with Medication Non-Adherence Expressions in Twitter*  
Takeshi Onishi, Davy Weissenbacher, Ari Klein, Karen O'Connor and Graciela Gonzalez-Hernandez
- 12:30–14:00   *Lunch***
- 14:00–14:20   *Detecting Tweets Mentioning Drug Name and Adverse Drug Reaction with Hierarchical Tweet Representation and Multi-Head Self-Attention*  
Chuhan Wu, Fangzhao Wu, Junxin Liu, Sixing Wu, Yongfeng Huang and Xing Xie

**Wednesday, October 31, 2018 (continued)**

- 14:20–14:40 *Classification of Medication-Related Tweets Using Stacked Bidirectional LSTMs with Context-Aware Attention*  
Orest Xherija
- 14:40–15:00 *Shot Or Not: Comparison of NLP Approaches for Vaccination Behaviour Detection*  
Aditya Joshi, Xiang Dai, Sarvnaz Karimi, Ross Sparks, Cecile Paris and C Raina MacIntyre
- 15:00–15:10 *Neural DrugNet*  
Nishant Nikhil and Shivansh Mundra
- 15:10–15:20 *IRISA at SMM4H 2018: Neural Network and Bagging for Tweet Classification*  
Anne-Lyse Minard, Christian Raymond and Vincent Claveau
- 15:20–15:30 *Drug-Use Identification from Tweets with Word and Character N-Grams*  
Çağrı Çöltekin and Taraka Rama
- 15:30–16:00 *Tea Break and Poster Session***
- 16:00–16:10 *Automatic Identification of Drugs and Adverse Drug Reaction Related Tweets*  
Segun Taofeek Aroyehun and Alexander Gelbukh
- 16:10–16:20 *UZH@SMM4H: System Descriptions*  
Tilia Ellendorff, Joseph Cornelius, Heath Gordon, Nicola Colic and Fabio Rinaldi
- 16:20–16:30 *Deep Learning for Social Media Health Text Classification*  
Santosh Tokala, Vaibhav Gambhir and Animesh Mukherjee
- 16:30–16:40 *Using PPM for Health Related Text Detection*  
Victoria Bobicev, Victoria Lazu and Daniela Istrati
- 16:40–16:50 *Leveraging Web Based Evidence Gathering for Drug Information Identification from Tweets*  
Rupsa Saha, Abir Naskar, Tirthankar Dasgupta and Lipika Dey
- 16:50–17:00 *CLaC at SMM4H Task 1, 2, and 4*  
Parsa Bagherzadeh, Nadia Sheikh and Sabine Bergler