



The First European Network Intelligence Conference

September 29-30, 2014, Wrocław, Poland

*Wrocław University of Technology
Center for Scientific and Technical Information
Poland, Wrocław, Plac Grunwaldzki 11, Building D-21*

Monday, September 29th, 2014 r.

- 8⁰⁰ – 9⁰⁰ *Reception* - foyer at the 2nd floor of the building D-21
9⁰⁰ – 9¹⁵ *Opening Ceremony* - building D-21, r. 201
9¹⁵ – 10³⁰ **Plenary Session 1** - b. D-21, r. 201
10³⁰ – 11⁰⁰ *Coffee Break* - foyer at the 2nd floor of the building D-21
11⁰⁰ – 13⁰⁰ **Session 1: Social Network Analysis** - building D-21, r. 201
13⁰⁰ – 14⁰⁰ *Lunch* - foyer at the 2nd floor of the building D-21
14⁰⁰ – 15³⁰ **Plenary Session 2** building D-21, r. 201
15³⁰ – 16⁰⁰ *Coffee Break* - foyer at the 2nd floor of the building D-21
16⁰⁰ – 16⁴⁰ **Session 2: Text Analysis** - building D-21, r. 201
16⁴⁰ – 17⁴⁰ **Poster Session** - building D-21, r. 103
19³⁰ *Conference Dinner* - John Paul II Hotel, Św. Idziego 2, 50-328 Wrocław

Tuesday, September 30th, 2014 r.

- 9⁰⁰ - 10³⁰ **Plenary Session 3** - building D-21, r. 201
10³⁰ – 11⁰⁰ *Coffee Break* - foyer at the 2nd floor of the building D-21
11⁰⁰ – 12¹⁵ **Session 3: Profile generation, maintenance and analysis** - building D-21, r. 201
12¹⁵ – 13⁰⁰ **Session 4: Recommender systems applications** - building D-21, r. 201
13⁰⁰ – 14⁰⁰ *Lunch* - foyer at the 2nd floor of the building D-21
14⁰⁰ – 15¹⁵ **Session 5: Applications of network analysis (part 1)** - building D-21, r. 201
15¹⁵ – 15⁴⁵ *Coffee Break* - foyer at the 2nd floor of the building D-21
15⁴⁵ – 16³⁰ **Session 5: Applications of network analysis (part 2)** - building D-21, r. 201
16³⁰ *Closing Ceremony* - building D-21, r. 201

Plenary session 1

Chair: *Bolesław Szymański*

Big Graph Data Science, *prof. Lise Getoor, University of Maryland*

Plenary session 2

Chair: *Przemysław Kazienko*

Sentiment and Opinion Centric Analysis of Social Media, *prof. Bing Liu, University of Illinois at Chicago (UIC)*

Plenary session 3

Chair: *Janusz Sobecki*

Opportunities and Challenges Facing Recommender Systems: Where Can We Go from Here?, *prof. Alexander Tuzhilin, Stern School of Business, New York University (NYU)*

Session 1: Social Network Analysis

Chair: *Reda Alhajj*

- Simulating the information diffusion process in complex networks using push and pull strategies, *Dariusz Król, Marcin Budka and Katarzyna Musiał*
- Incremental Clustering of Dynamic Bipartite Networks, *Tobias Hecking, Laura Steinert, Tilman Göhnert and H. Ulrich Hoppe*
- Parallel Toolkit for Measuring the Quality of Network Community Structure, *Mingming Chen, Sisi Liu, Bolesław Szymański*
- Norm Emergence via Influential Weight Propagation in Complex Networks, *Ryosuke Shibusawa, Toshiharu Sugawara*

Session 2: Text Analysis

Chair: *Dariusz Król*

- Analysis and Mining Social Networks for Sentiment Classification, *Jalel Akaichi*
- A Case Study of Sentiment Orientation Identification for Polish Texts, *Konstanty Haniewicz, Monika Kaczmarek, Magdalena Adamczyk and Wojciech Rutkowski*

Session 3: Profile generation, maintenance and analysis

Chair: *Tomasz Kajdanowicz*

- Privacy-preserving framework in mining continuous sequences in trajectory systems, *Paweł Jureczek, Adrianna Kozierekiewicz-Hetmańska*
- On the effect of high order reputation information on Trust Prediction in Wikipedia's Vote Network, *J. David Nuñez-Gonzalez, Manuel Grana*
- Profile Cloning Detection in Social Networks, *Piotr Bródka, Mateusz Sobas, Henric Johnson*

Session 4: Recommender systems applications

Chair: *Adrianna Kozierekiewicz - Hetmańska*

- Comparison of Scheduling Algorithms for Domain Specific Web Crawler, *Krzysztof Filipowski*
- Searcher's Activity in Standalone and Web Applications as a Source for Search Query Expansion, *Lubomir Vnenk, Maria Bielikova*

Session 5: Applications of network analysis (part 1)

Chair: *Toshiharu Sugawara*

- Automated Classification of Scientific Collaborations with Network Indicators, *Tilman Göhnert, Andreas Harrer, Ulrich Hoppe*
- MuSeNet: Collaboration in the Music Artists Industry, *Alexandru Topirceanu, Gabriel Barina, Mihai Udrescu*
- Characteristics of Terrorists Networks Based on Ideology and Practices, *Fatih Özgül, Chris Bowerman*

Session 5: Applications of network analysis (part 2)

Chair: *Toshiharu Sugawara*

- Alfredo Ramos, Tilman Göhnert, Sam Zeini and Ulrich Hoppe. Foresighted Heat Ring: Tracking the Productivity and Collaborativeness of Researchers in Dynamic Networks, *Alfredo Ramos, Tilman Göhnert, Sam Zeini, Ulrich Hoppe*
- Assesing professional skills in a multi-scale environment by means of graph-based algorithms, *Jose María Alvarez-Rodríguez, Ricardo Colomo-Palacios*

Poster Session

Chair: *Henric Johnson*

- Durability of links between assets in financial markets - minimal spanning trees and correlations, *Andrzej Buda, Andrzej Jarynowski*
- Finding Change Agents with Organizational Network Analysis, *Błażej Żak, Anita Zbieg*
- Dynamic network approach to marriage/divorces problem, *Andrzej Jarynowski, Piotr Nyczka*
- Topics and sentiment analysis of evolving social groups, *Bogdan Gliwa, Anna Zygmunt, Jarosław Koźlak*
- Emotion Extraction from Turkish Text, *Mansuralp Tocoglu, Adil Alpkocak*
- The concept of recommender system supporting command and control system in hierarchical organization, *Grzegorz Pilarski*