Svitlana Vakulenko

RESEARCH INTERESTS

Natural Language Understanding, Information Extraction, Machine Learning, Social Media.

PROGRAMMING LANGUAGES

Python, Java, R, JavaScript.

RESEARCH POSITIONS

Vienna University of Economics and Business   **January 2017 – July 2018**
Institute for Information Business

MODUL University   **September 2014 – December 2016**
Department of New Media Technology

University of Liechtenstein   **September 2013 – August 2014**
Hilti Chair of Business Process Management

Karlsruhe Institute of Technology   **November 2011 – March 2012**
Institute AIFB

EDUCATION

Vienna University of Technology   **October 2015 – present**
PhD in Computer Science (advisor: Prof. Axel Polleres)

Saarland University   **April 2012 – June 2013**
Graduate school of Computer Science

University of Tartu   **September 2009 – June 2011**
MSc in Software Engineering (advisor: Prof. Marlon Dumas)

Kyiv National Economic University   **September 2005 – June 2009**
BSc in Business Informatics

PUBLICATIONS

1. Sebastian Neumaier, Vadim Savenkov and **Svitlana Vakulenko**. Talking Open Data. Proceedings of the Extended Semantic Web Conference (ESWC). 2017.

2. **Svitlana Vakulenko**, Lyndon Nixon, and Mihai Lupu. Character-based Neural Embeddings for Tweet Clustering. Proceedings of the Workshop on Natural Language Processing for Social Media (SocialNLP@EACL). 2017.

3. Albert Weichselbraun, Stefan Gindl, Fabian Fischer, **Svitlana Vakulenko**, and Arno Scharl. Aspect-based extraction and analysis of affective knowledge from social media streams. In IEEE Intelligent Systems. 2017.

4. **Svitlana Vakulenko**, Albert Weichselbraun, and Arno Scharl. Detection of valid sentiment-target pairs in online product reviews and news media articles. Proceedings of the IEEE/WIC/ACM International Conference on Web Intelligence (WI). 2016.

5. **Svitlana Vakulenko**, Max Göbel, Arno Scharl and Lyndon Nixon. Know which Way the Wind Blows: Visualising the Propagation of News on the Web. Proceedings of the Workshop on Recent Trends in News Information Retrieval (NewsIR@ECIR). 2016.

6. Gregory Katsios, **Svitlana Vakulenko**, Anastasia Krithara and Georgios Paliouras. Towards Open Domain Event Extraction from Twitter: REVEALing Entity Relations. Proceedings of the Workshop on Detection, Representation, and Exploitation of Events in the Semantic Web (DERIVE@ESWC). 2015.

7. **Svitlana Vakulenko**, Oliver Müller, Jan vom Brocke. Enriching iTunes App Store Categories via Topic Modeling. Proceedings of the International Conference on Information Systems (ICIS). 2014.

8. Nadine Reuter, **Svitlana Vakulenko**, Jan vom Brocke, Stefan Debortoli, Oliver Müller. Identifying the Role of Information Systems in Achieving Energy-Related Environmental Sustainability using Text Mining. Proceedings of the European Conference on Information Systems (ECIS). 2014.

9. Andrea Herbst, Alexander Simons, Jan vom Brocke, Oliver Müller, Stefan Debortoli, **Svitlana Vakulenko**. Identifying and characterizing topics in enterprise content management: a latent semantic analysis of vendor case studies. Proceedings of the European Conference on Information Systems (ECIS). 2014.

10. Peep Küngas, Siim Karus, **Svitlana Vakulenko**, Marlon Dumas, Cristhian Parra, Fabio Casati. Reverse-engineering conference rankings: what does it take to make a reputable conference? Scientometrics. 2013.

11. **Svitlana Vakulenko**. Extraction of Process Models from Business Process Descriptions. Master thesis. University of Tartu. 2011. (Supervised by Marlon Dumas)

Other Academic Activity
- Reviewer for the following conferences and journals: JCST, COLING, WebSci, Medal, ECIS, WI, MKWI.

Awards
- Scholarship for attending the International Research-Centered Summer School 2014, NCSR Demokritos.
- Scholarship for attending the Graduate School of Computer Science, Saarland University.
- EU's Eastern Partnership scholarship from the Open Estonia Foundation.
- Scholarship supporting Master's studies from the Estonian Ministry of Foreign Affairs.

Volunteering
Django Girls Vienna, Vienna, Austria   **April 2017**