

# Svitlana Vakulenko

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## 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**

Institute for Information Business

**January 2017 – July 2017**

### **MODUL University**

Department of New Media Technology

**September 2014 – December 2016**

### **University of Liechtenstein**

Hilti Chair of Business Process Management

**September 2013 – August 2014**

### **Karlsruhe Institute of Technology**

Institute AIFB

**November 2011 – March 2012**

## EDUCATION

### **Vienna University of Technology**

PhD in Computer Science (advisor: Prof. Axel Polleres)

**October 2015 – present**

### **Saarland University**

Graduate school of Computer Science

**April 2012 – June 2013**

### **University of Tartu**

MSc in Software Engineering (advisor: Prof. Marlon Dumas)

**September 2009 – June 2011**

### **Kyiv National Economic University**

BSc in Business Informatics

**September 2005 – June 2009**

## PUBLICATIONS

1. Sebastian Neumaier, Vadim Savenkov and **Svitlana Vakulenko**. Talking Open Data. Proceedings of the Extended Semantic Web Conference (ESWC). 2017. (to appear)
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. 2016 (to appear).
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 Palioras. 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 my Master's studies from the Estonian Ministry of Foreign Affairs.

#### VOLUNTEERING

**Django Girls Vienna**, Vienna, Austria

April 2017