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## ACADEMIC POSITIONS

### **2019–present PhD Candidate**

*Department of Sociology, Utrecht University / Interuniversity Center for Social Science Theory and Methodology (ICS)*

Dissertation topic: The Dark Side of Cooperation – Cooperation of agents in extra-legal contexts

Supervisors: prof. dr. Vincent Buskens, dr. Wojtek Przepiorka

## EDUCATION AND TRAINING

### **2016 – 2017 MSc Economics – Behavioural Economics and Game Theory**

*University of Amsterdam, Amsterdam, The Netherlands*

Thesis project: Ignorance is Bliss: The Effects of Ignorant Behaviour and Its Spreading in Group Settings

### **2012 – 2016 BA Sociology**

*University of Belgrade, Belgrade, Serbia*

Specialization in Economic Sociology

Graduated cum laude

## RESEARCH AFFILIATIONS

### **Spring – Visiting Scholar**

**Summer 2022** *Hosted by dr. Milena Tsvetkova, Department of Methodology  
London School of Economics and Political Science, London*

### **2022-present Junior Member**

*Centre for Complex Systems Studies (CCSS), Utrecht University*

## ADDITIONAL TRAINING

### **2022 Complexity-GAINs International Summer School**

*Co-hosted by the Santa Fe Institute, the Max Planck Institute for Mathematics in the Sciences and Hamburg University of Technology (Germany), Complexity Science Hub Vienna (Austria), Quantitative Life Sciences, International Center for Theoretical Physics (Italy), and Institute for Advanced Studies, University of Amsterdam (Netherlands).*

### **2021 CNRS Thematic School: Agent-based Modelling in Sociology with NetLogo**

*Co-hosted by the National Center for Scientific Research (CNRS) and the Sorbonne Research Group in the Methods of Sociological Analysis (GEMASS)*

- 2021**      **Medici Summer School: Cooperation in organizing and innovating**  
*Co-hosted by the University of Bologna, HEC Paris and MIT Sloan School of Management*
- 2021**      **Summer Institute in Computational Social Science (SICSS) London**  
*Co-hosted by the University College London, London School of Economics, Imperial College London, Greenwich University, and City, University of London*

#### PEER-REVIEWED JOURNAL ARTICLES

**Macanovic, A. 2022.** Text Mining for Social Science – The State and the Future of Computational Text Analysis in Sociology. *Social Science Research*, <https://doi.org/10.1016/j.ssresearch.2022.102784>

#### WORK IN PROGRESS

**Macanovic, A.**, and Przepiorka, W. 2022. A Systematic Evaluation of Text Mining Methods for Short Texts: Mapping Individuals' Internal States from Feedback Texts and Tweets. *Under revision*. Preprint: doi: 10.31235/osf.io/cerzs.

**Macanovic, A.**, Przepiorka, W., and Buskens, V. Does the Grapevine Still Matter? The Importance of Gossip in the Presence of Formalized Reputation Measures in Online Markets. *In preparation*.

**Macanovic, A.**, Tsvetkova, M., Przepiorka, W., and Buskens, V. Signals of Belonging: Emergence of Signalling Norms as Facilitators of Parochial Cooperation. *In preparation*.

**Macanovic, A.**, and Morando, D. I Heard it on the (Silk)Road: Who Introduces Innovations in Online Communities? *In preparation*.

Zhang S., **Macanovic, A.**, Beller, A., Holmes T., Machado, G., Mazar, A. Homophily and Position of Minorities in Networks. *In preparation*.

#### TEACHING ACTIVITIES

- 2022**      **Master Thesis (MSc Applied Data Science)**  
*Utrecht University*  
 Co-supervising MSc students' final thesis projects
- 2021**      **Bachelorproject Sociologie (BA Thesis Sociology)**  
*Utrecht University*  
 Supervising BA students' final thesis projects
- 2020 -**      **Advanced Sociological Theory: Modelling Social Interaction**  
*Utrecht University*  
 Leading the seminar groups

#### INVITED TALKS

- 2022**      Summer Institute in Computational Social Science (SICSS) London

## CONFERENCE AND WORKSHOP PRESENTATIONS

- 2022** Computational Text Analysis for Sociology – Opportunities and Challenges. *ODISSEI Conference for Social Science in the Netherlands 2022, Utrecht*
- 2022** Does the Grapevine Still Matter? The Importance of Gossip in the Presence of Formalized Reputation Measures in Online Markets. *International Conference on Social Dilemmas (ICSD) 2022, University of Copenhagen*
- 2022** Mapping Individuals' Internal States from Tweets and Feedback Texts: A Systematic Evaluation of Text Mining Methods for Short Texts  
*14<sup>th</sup> Annual Conference of the International Network of Analytical Sociologists (INAS), European University Institute, Florence*
- 2021** The Moral Foundations of Immoral Markets: Text Mining Feedbacks on Economic Exchanges in the Darknet  
*3<sup>rd</sup> Academy of Sociology (AS) Conference, Online*
- 2021** Mining Everyday Texts for Sociologically Relevant Phenomena: Evidence from Online Market Exchanges  
*15<sup>th</sup> ESA Conference, Online*
- 2021** The Moral Embeddedness of Cryptomarkets: Text Mining Feedbacks on Economic Exchanges in the Darknet  
*„Markets & Values“ ECONtribute Summer-Workshop 2021: Social Image and Moral Behaviour, Online*
- 2021** The Moral Embeddedness of Cryptomarkets: Text Mining Feedbacks on Economic Exchanges in the Darknet  
*13<sup>th</sup> Annual Conference of the International Network of Analytical Sociologists (INAS), Online*
- 2021** Positive Reputation Bias in Cryptomarkets: Validating Quantitative Ratings with Automatic Analyses of Feedback Texts  
*IV ISA Forum of Sociology, Online*
- 2020** Motives for leaving feedback after cryptomarket transactions - Evidence from automatic text analysis  
*Text Analysis in Economics and the Social Sciences Workshop, University of East Anglia, Online*

## PROFESSIONAL SERVICE AND AFFILIATIONS

- 2022 - 2023** **Vice-chair, Young Complexity Researchers Utrecht (YCRU)**
- 2022 - 2023** **Student Representative, ASA Rationality and Society section**
- 2021 -** **Journal Reviewer**  
*EPJ Data Science, European Sociological Review, Socio-Economic Review*

## GRANTS/AWARDS

- 2022 Complexity-GAINs Summer School Stipend**  
A stipend for participation in the Complexity-GAINs summer school co-organized by Santa Fe Institute (SFI) and partnering institutions. Awarded \$250 for travel and living costs.
- 2022 Swaantje Mondt PhD Travel Fund**  
A fund awarded for a PhD research visit to the London School of Economics and Political Science under the supervision of dr. Milena Tsvetkova. Awarded €2380 by the Swaantje Mondt Fund and the Utrecht University Centre for Complex Systems Studies (CCSS).
- July 2015 Scholarship for Short-term Study in Japan**  
A scholarship for students with excellent achievements for study in Japan awarded by the Japanese Ministry of Education, Culture, Sports, Science and Technology (Monbukagakusho).
- 2013-2016 Excellence Scholarship of the Ministry of Education, Science and Technological Development, Republic of Serbia**  
A 3-year scholarship awarded by the Serbian Ministry of Education, Science and Technological Development to students who show extraordinary success and efficiency during their studies.

## OTHER WORK EXPERIENCE

- August 2017 Data and Pricing Analyst**  
**- August** *Travix International*  
**2019** *Amsterdam, The Netherlands*  
A part of the pricing team of the biggest online travel agency in The Netherlands.  
Design and implementation of pricing strategies in five markets (France, Italy, Spain, Denmark, Sweden). Tasks included: sales and market data analysis, business analytics, dynamic pricing of flight products, revenue and margin optimisation.

## PERSONAL SKILLS

- Languages**
- Serbian (Native)
  - English (C2, Cambridge CAE Certificate)
  - Russian (C1)
  - Japanese (B2, JLPT N2 Certificate)
  - Dutch (B2)
  - German (A1)
- Computer Skills**
- R, Stata, SPSS, Python, NetLogo
  - InRule (Business Rule Management System), Jira
  - Git
  - Microsoft Office Package (MS Word, MS Excel, MS PowerPoint)
  - Corel Paint Shop Pro