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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

### **Summer 2023 Visiting Scholar**

*Hosted by dr. Mirta Galesic, Santa Fe Institute, Santa Fe*

### **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

### **2023 Graduate Workshop in Computational Social Science Modelling and Complexity**

*Organized by the Santa Fe Institute*

### **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**

*Co-hosted by CNRS and 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*
- 2020**      **Start to Teach Teacher Training**  
*Utrecht University*

#### 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.,** Tsvetkova, M., Przepiorka, W., and Buskens, V. Signals of Belonging: Emergence of Signalling Norms as Facilitators of Parochial Cooperation. *Under Review*.

**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. *In preparation*. Preprint: doi: 10.31235/osf.io/cerzs.

**Macanovic, A.,** and Morando, D. "I Heard it on the (Silk)Road": Structural and Cultural Pathways to Novelty Introduction in an Online Community. *In preparation*.

**Macanovic, A.,** Przepiorka, W., and Buskens, V. Governing Through Gossip: The Role of Informal Communication in Reputation-Based Online Markets. *In preparation*.

Zhang S., **Macanovic, A.** Minority group size moderates inequity-reducing strategies in homophilic 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

- 2023**      Cooperative Relations Seminar, Department of Sociology, Utrecht University  
 Title: *Signals of Belonging: Emergence of Signalling Norms as Facilitators of Parochial Cooperation*.

- 2023** Centre for Complex Systems Studies (CCSS), Utrecht University  
Title: *Minority Group Size Moderates Inequity-Reducing Strategies in Homophilic Networks*
- 2022** Summer Institute in Computational Social Science (SICSS) London  
Title: *"I Heard it on the (Silk)Road": Who Introduces Innovations in Online Communities?*

#### CONFERENCE AND WORKSHOP PRESENTATIONS

- 2023** Governing Through Gossip: The Role of Informal Communication in Reputation-Based Online Markets.  
*15<sup>th</sup> Annual Conference of the International Network of Analytical Sociologists (INAS), Princeton University, Princeton*
- 2023** The Moral Embeddedness of Cryptomarkets: Text Mining Feedback on Economic Exchanges on the Dark Web. *International Meeting on Experimental and Behavioral Social Sciences (IMEBESS), Lisbon*
- 2023** Text Mining in Social Sciences: A Methods Overview. *DYSTENA Workshop: Gaining Insights into Social Media Discourse by Combining Text and Network Analyses, Online*
- 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, 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*

#### PROFESSIONAL SERVICE AND AFFILIATIONS

- 2022 - 2023** **Vice-chair, Young Complexity Researchers Utrecht (YCRU)**  
Co-organizing events and guest talks on the topics related to Complex Systems Studies at the Centre for Complex Systems Studies (CCSS) of Utrecht University
- 2022 - 2023** **Student Representative, ASA Rationality and Society section**
- 2021 -** **Journal Reviewer**  
*American Journal of Sociology, EPJ Data Science, European Sociological Review, International Journal of Drug Policy, Poetics, Socio-Economic Review*

## GRANTS/AWARDS

- 2023**            **Visiting Fellowship, The Academy of Sociology (AS)**  
A grant supporting young researchers with funding for research stays. Awarded €1970 for travel and living costs during a research visit to the Santa Fe Institute.
- 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.

## 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, Python, NetLogo, SPSS  
                         - InRule (Business Rule Management System), Jira  
                         - Git  
                         - Microsoft Office Package (MS Word, MS Excel, MS PowerPoint)  
                         - Corel Paint Shop Pro