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ACADEMIC POSITIONS

Sep. **Max Weber Fellow** (incoming)
2024– *European University Institute*

2023– **Postdoctoral Researcher**
2024 *Department of Sociology, Radboud University*

2019– **PhD Candidate**
2023 *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– **MSc Economics – Behavioural Economics and Game Theory**
2017 *University of Amsterdam, Amsterdam, The Netherlands*
Thesis project: Ignorance is Bliss – The Effects of Ignorant Behaviour and Its Spreading in Group Settings, Supervisor: Prof. dr. Joël van der Weele

2012 – **BA Sociology**
2016 *University of Belgrade, Belgrade, Serbia*
Specialization in Economic Sociology, Graduated cum laude

RESEARCH AFFILIATIONS

Summer **Visiting Scholar**
2023 *Hosted by dr. Mirta Galesic, Santa Fe Institute, Santa Fe*

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

2022– **Junior Member**
present *Centre for Complex Systems Studies (CCSS), Utrecht University*

PEER-REVIEWED PUBLICATIONS

Macanovic, A., and Przepiorka, W. 2024. A Systematic Evaluation of Text Mining Methods for Short Texts: Mapping Individuals' Internal States from Online Texts. *Behavior Research Methods (online)*. doi: 10.3758/s13428-024-02381-9.

Macanovic, A., Tsvetkova, M., Przepiorka, W., and Buskens, V. 2024. Signals of Belonging: Emergence of Signalling Norms as Facilitators of Trust and Parochial Cooperation. *Philosophical Transactions of the Royal Society B* 379:20230029. doi: 10.1098/rstb.2023.0029

Macanovic, A., Przepiorka, W. 2023. The Moral Embeddedness of Cryptomarkets: Text Mining Feedback on Economic Exchanges on the Dark Web. *Socio-Economic Review* mwad069. doi: 10.1093/ser/mwad069

Macanovic, A. 2022. Text Mining for Social Science – The State and the Future of Computational Text Analysis in Sociology. *Social Science Research* 108. doi: 10.1016/j.ssresearch.2022.102784

OTHER PUBLICATIONS

Ollion E., Shen, R., **Macanovic, A.**, Chatelain, A. 2024. The dangers of using proprietary LLMs for research. *Nature Machine Intelligence*. doi: 10.1038/s42256-023-00783-6

WORK IN PROGRESS

Macanovic, A., Hofstra B. 2024. Gendered Accumulation of Fame: Effects of Cumulative Advantage and Network Spillovers on Representation of Dutch Professors in Media. *In preparation*.

Wittek, M., **Macanovic, A.**, Nägel C., Pickartz M. 2024. The Online and Offline Effects of Terror Attacks on Public Opinion Regarding Immigration. *In preparation*.

Macanovic, A., Przepiorka, W., and Buskens, V. 2024. Governing Through Gossip: The Role of Informal Communication in Reputation-Based Online Markets. *In preparation*.

Macanovic, A. 2024. Sifting Through Text and Time – Computational Text Analysis for Historical Sociology. *Chapter for the Research Handbook of Historical Sociology edited by M.H.D. van Leeuwen*.

Zhang S., **Macanovic, A.** 2023. Minority Group Size Moderates Inequity-reducing Strategies in Homophilic Networks. *In preparation*.

Ollion E., Shen, R., **Macanovic, A.**, Chatelain, A. 2023. ChatGPT for Text Annotation? Mind the Hype! *In preparation*.

Macanovic, A., and Morando, D. 2023. “I Heard it on the (Silk)Road”: Structural and Cultural Pathways to Novelty Introduction in an Online Community. *In preparation*.

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, Hamburg University of Technology, Complexity Science Hub Vienna, Quantitative Life Sciences, International Center for Theoretical Physics, and Institute for Advanced Studies, University of Amsterdam

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

2021 **Supervising Student Research Training**
Faculty of Social and Behavioural Sciences, Utrecht University

2020 **Start to Teach Teacher Training**
Utrecht University

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**
2023 *Utrecht University*
Leading seminar groups

INVITED TALKS

2024 Coffee and Knowledge sessions, Netherlands Institute for Social Research
Title: *Computational Text Analysis for Social Sciences: Opportunities and Challenges*

2023 Meeting of the Organisational Behaviour research group, Utrecht University
Title: *Mapping Individuals' Internal States from Online Texts: A Systematic Evaluation of Text Mining Methods for Short Texts*.

- 2023** Colloquium of the Social, Economic, and Organisational Psychology department, Leiden University
Title: *Mapping Individuals' Internal States from Online Texts: A Systematic Evaluation of Text Mining Methods for Short Texts.*
- 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

- 2024** Gendered accumulation of fame: Effects of cumulative advantage and network spillovers on representation of Dutch professors in media. *XLIV. Sunbelt Conference, Edinburgh (upcoming)*
- 2024** Gendered accumulation of fame: Effects of cumulative advantage and network spillovers on representation of Dutch professors in media. *Dag van de Sociologie, Radboud University, Nijmegen (upcoming)*
- 2024** Gendered accumulation of fame: Effects of cumulative advantage and network spillovers on representation of Dutch professors in media. *16th Annual Conference of the International Network of Analytical Sociologists (INAS), Leipzig University, Leipzig*
- 2023** "I Heard it on the (Silk)Road": Structural and Cultural Pathways to Novelty Introduction in an Online Community. *118th Annual Meeting of the American Sociological Association, Philadelphia*
- 2023** Governing Through Gossip: The Role of Informal Communication in Reputation-Based Online Markets. *118th Annual Meeting of the American Sociological Association, Philadelphia*
- 2023** Governing Through Gossip: The Role of Informal Communication in Reputation-Based Online Markets. *9th International Conference on Computational Social Science (IC²S²), University of Copenhagen, Copenhagen*
- 2023** "I Heard it on the (Silk)Road": Structural and Cultural Pathways to Novelty Introduction in an Online Community. *9th International Conference on Computational Social Science (IC²S²), University of Copenhagen, Copenhagen*
- 2023** Governing Through Gossip: The Role of Informal Communication in Reputation-Based Online Markets. *Force of Gossip Conference, Vrije Universiteit Amsterdam, Amsterdam*
- 2023** Governing Through Gossip: The Role of Informal Communication in Reputation-Based Online Markets. *15th 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*

PROFESSIONAL SERVICE AND AFFILIATIONS

- 2022-2023** **Student Representative, Rationality and Society section of the American Sociological Association**
- 2022-2023** **Vice-chair, Young Complexity Researchers Utrecht (YCRU)**
Co-organizing events and guest talks at the Centre for Complex Systems Studies (CCSS) of Utrecht University
- 2021 -** **Ad-hoc Reviewer (Journals)**
American Journal of Sociology, EPJ Data Science, European Sociological Review, International Journal of Drug Policy, Journal of Personality and Social Psychology, Poetics, Political Analysis, Science and Public Policy, Scientific Reports, Social Science Research, Socio-Economic Review
- 2024 -** **Ad-hoc Reviewer (Conferences)**
DRUID Conference (2024), Dag van de Sociologie (2024)

GRANTS/AWARDS

- 2023** **Innovative Tandem Collaboration Grant**
Awarded a €15 000 grant by the Cologne International Forum for the project “The Online and Offline Effects of Terror Attacks on Public Opinion Regarding Immigration”, co-PI dr. Mark Wittek.
- 2023** **Swaantje Mondt PhD Travel Fund**
Awarded €2467 by the Swaantje Mondt Fund and the Utrecht University Centre for Complex Systems Studies (CCSS) for a research visit to the Santa Fe Institute.
- 2023** **Visiting Fellowship, The Academy of Sociology (AS)**
Awarded €1970 for costs of the research visit to the Santa Fe Institute.
- 2022** **Complexity-GAINs Summer School Stipend**
Awarded \$250 for travel and living costs during the participation in the Complexity-GAINs summer school co-organized by Santa Fe Institute (SFI) and partnering institutions.
- 2022** **Swaantje Mondt PhD Travel Fund**
Awarded €2380 by the Swaantje Mondt Fund and the Utrecht University Centre for Complex Systems Studies (CCSS) for a research visit to the London School of Economics and Political Science.
- 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 during their studies.

PERSONAL SKILLS

- Languages**
- Serbian (Native);
 - English (C2, Cambridge CAE Certificate);
 - Dutch (B2-C1);
 - Russian (C1);
 - Japanese (B2, JLPT N2 Certificate);
 - German (A1)

Computer Skills

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