

Tomislav Karačić

SUMMARY

My current projects focus on the development and use of artificial intelligence in the contexts of biotechnology and agriculture. I use ethnographic methods and take a practice-theoretical approach to explore how technologies shape knowledge work and organizing (and vice versa), giving particular attention to the materiality of work.

ACADEMIC TRAINING

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| 2024-now | London School of Economics and Political Science, Department of Management, Information Systems and Innovation Research Group
Assistant Professor |
| 2023 | McGill University, Desautels Faculty of Management, Montreal
Visiting Scholar at the Research Group on Complex Collaboration
Invited by Prof. Samer Faraj
September 2023 – December 2023 |
| 2019-2024 | Vrije Universiteit Amsterdam, School of Business and Economics, Amsterdam
PhD Candidate at the KIN Center for Digital Innovation
Dissertation on the development and use of AI in biotechnology
Prof. Marleen Huysman, Dr. Anastasia V. Sergeeva, Dr. Wendy Günther |
| 2019 | Universiteit van Amsterdam, Institute for Logic, Language, and Computation, Amsterdam
Master of Science “Logic”, 2-year program |
| 2017 | University of Zagreb, Faculty of Croatian Studies, Zagreb
Bachelor of Arts Dual major Philosophy and Communication Sciences, <i>magna cum laude</i> |
| 2016 | Central European University, Department of Philosophy, Budapest
Erasmus+ Academic Exchange |

AWARDS, GRANTS, AND HONORS

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| 2023 | Prins Bernhard Cultuurfund grant (€6000) for a research visit at McGill University |
| 2023 | Network Institute Research Voucher (€1000) for supporting my PhD research project |
| 2023 | ABRI Research grant (€4000) for a research visit at McGill University |

- 2020 Runner-up Best Short Paper Award at the International Conference on Information Systems
Karacic, Tomislav; Günther, Wendy; Sergeeva, Anastasia; and Huysman, Marleen, "Creativity in data work: agricultural data in practice" (2021). *ICIS 2021 Proceedings*. 12.
- 2017 University of Zagreb Academic Excellence Award (€1500) awarded to 356 most successful students (Total enrollment: 72 000+ students)
- 2016 Erasmus+ Grant (€1500) for academic exchange in Hungary

PUBLICATIONS

Proceedings

Mayer, A. S., van den Broek, E., Kim, B., Karacic, T., Sosa-Hidalgo, M. & Huysman, M., (2023) Managing Collaborative Development of Artificial Intelligence: Lessons from the Field, Proceedings of the 56th Annual Hawaii International Conference on System Sciences (HICSS 2023). Bui, T. X. (ed.). IEEE Computer Society, p. 6139-6148 10

Karacic, T., Sergeeva, A., & Huysman, M. (2023). From Menial Workers to Knowledge Producers: An Apparatus Perspective on AI in Agriculture. In *Academy of Management Proceedings* (Vol. 2023, No. 1, p. 17314). Briarcliff Manor, NY 10510: Academy of Management.

Karacic, T; Günther, W; Sergeeva, A; and Huysman, M (2021) Creativity in data work: agricultural data in practice" (2021). *ICIS 2021 Proceedings*. 12.
https://aisel.aisnet.org/icis2021/ai_business/ai_business/12

Karačić, T. (2019). Definability and Undefinability of Truth. *KRITiKA: Časopis za kulturu racionalnosti, istraživanja, teorije i kritičkih analiza*, 1(1-2), 28-53.

PRESENTATIONS

Peer-reviewed conference presentations

- 2023 Navigating Explainability: A comparative field study of how professionals explain AI-made decisions to clients. To be presented at 44th International Conference on Information Systems, Hyderabad
- 2023 From Menial Workers to Knowledge Producers: An Apparatus Perspective on AI in Agriculture. Presented at the 83rd Annual Meeting of the Academy of Management, Boston

- 2023 Navigating Explainability: A comparative field study of how professionals explain AI-made decisions to clients. Presented at 39th EGOS Colloquium, Cagliari
- 2021 Creativity in data work: agricultural data in practice. Presented at 42nd International Conference on Information Systems, Austin
- 2021 Creativity in data work: Case of developing training sets for machine learning. Presented at 37th EGOS Colloquium (Virtual conference)
- 2020 Cultivating data: Practices of coping with imperfect representations in machine learning development. Presented at Joint Working Group of the International Federation of Information Processing Conference (Virtual conference)

Workshop symposia

- 2023 Participant of the CTO Doctoral Consortium
83rd Annual Meeting of the Academy of Management, Boston
- 2022 Panel session member: AI and its implications for work
Reshaping Work Conference, Amsterdam
- 2022 Participant of the KIN Summer School
Vrije Universiteit Amsterdam, Amsterdam
- 2022 Participant of the CTO Doctoral Consortium
82th Annual Meeting of the Academy of Management, Seattle
- 2021 “Creativity in data work: developing machine learning models from agricultural data”
Paper development workshop of the AIS Special Interest Group on Digital Innovation, Transformation, and Entrepreneurship (Virtual workshop)
- 2020 "From the land to the lab: studying AI in plant biotechnology"
Pre-Colloquium Development Workshop "PDW 04: Algorithms and Organizing: Drawing on Different Theoretical Perspectives to Explore Digital Phenomena"
36th EGOS Colloquium 2020 (Virtual conference)
- 2019 “Negotiating negation”
Bergen Workshop on Logical Disagreement, Bergen
- 2018 “Foundational issues in conceptual engineering”
Workshop on Conceptual Engineering, Amsterdam
- 2018 “Information visualization in mathematics”
Ninth Workshop on the Philosophy of Information, Brussels
- 2017 “What is ‘intelligence’ in ‘artificial intelligence’”

1st National Congress of Philosophy Students, Zagreb

- 2017 “Normativity of logic and the argumentative theory of reason”
8th International Student Workshop, Rijeka
- 2016 “Family of three: Wittgenstein and Grice on jokes, riddles, and swears”
7th International Student Workshop, Rijeka
- 2016 “Philosophical Interdisciplinarity as a Gadfly”
13th Zagreb International Philosophy Student Workshop, Zagreb

Invited talks

- 2023 “AI and knowledge work: an apparatus perspective”
Bricolab Seminar Series, Research Group on Complex Collaboration, McGill University
- 2023 “Managing AI: jobs, skills, and explanations”
Guest lecture at the *Emerging technologies: Organizing and societal stakes* course, taught by Prof. Samer Faraj, Strategic Management Concentration, Desautels Faculty of Management, McGill University
- 2022 “AI@Work Insights”
A talk on development and implementation of AI for plant breeding given at SeedCorp (pseudonym)
- 2022 “How scut workers became knowledge producers: Case of machine learning for sorting seeds”
Amsterdam Business Research Institute PhD Day

TEACHING

2020-2023 Thesis supervision, BSc *International Business Administration*

2019-2023 Digital Innovation and Virtual Organizing in a Global Setting, BSc
International Business Administration
Led seminars and tutorials with ~120 students
Teaching evaluations*
2021/2022 - Tutorial Teacher – Mean 4,3; SD 0,8; N=17
2022/2023 - Tutorial Teacher – Mean 3,9; SD 1; N=19

“The way the tutorials were organized was very helpful in really understanding the content and the course is very well organised. I love it! Both Anastasia and Tomislav are really enthusiastic!!!”

* During the Covid pandemic, official teaching evaluations were suspended

2019-2023 New Ways of Working, Minor *Managing Digital Innovation*
Taught with Anastasia V. Sergeeva
Led seminars and tutorials with ~ 25 students
Teaching evaluations*
2019/2020 - Tutorial teacher – Mean 4,22; SD 0,67; N=11
2021/2022 - Tutorial teacher – Mean 4,77; SD 0,42; N=15
2022/2023 - Tutorial teacher – Mean 4,4; SD 1,2; N=6

“The tutorials were very helpful and informative as were the lectures. The tutorial teacher was very helpful and gave good feedback and advice when needed. Also, he made sure that everything was clear for us. My compliments on how everything was organized!”

ACADEMIC SERVICE

Reviewer for:

Academy of Management Annual Meeting, International Conference on Information Systems, European Conference on Information Systems, International Conference on Wirtschaftsinformatik, International Workshop on Digital Society

Associate editor for:

European Conference on Information Systems (Track Human-AI Collaboration)

Academic volunteer work

2022-2024 Organizer of the Ethnography Research Group for PhD candidates at the Vrije Universiteit Amsterdam to share methodological insights

2022-2024 Organizer of the Network Institute Research Visits for scholars wanting to visit and collaborate with the Vrije Universiteit Amsterdam faculty

2022-2023 Co-organizer of the annual International Workshop on the Digital Society

2021-2023 Co-organizer of the Digital Society Research Lunch seminars

2020-2024 Co-organizer of the Network Institute Research Team, Vrije Universiteit Amsterdam

2020-2022 Co-organizer of the AI@Work reading group

2019-2023 PhD Council member, School of Business and Economics, Vrije Universiteit Amsterdam

2019-2023 Co-organizer of the quarterly KINTalks that link business and academia

2022 Co-organizer of the Reshaping Work Conference, Amsterdam

- 2021 Volunteer at the AI@Work Conference, Amsterdam
- 2017-2019 Co-founder of Ex Falso – association of MSc Logic students, Institute for Logic, Language, and Computation, Universiteit van Amsterdam
- 2014-2017 President of Scopus – association of BA philosophy students, University of Zagreb

AFFILIATIONS

Academy of Management (CTO, OMT)
Association for Information Systems
European Group for Organization Studies

LANGUAGES

English (fluent), Croatian (native), German (basic)