

# Ravshan Hojimatov (Legal name: Ravshanbek Khodzhimatov)

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## Employment History

- Dec 2022 – . . . . . 📌 **Software Engineer.** Entwicklerburg LLC, Bishkek, Kyrgyzstan.
- Oct 2019 – Sep 2022 📌 **Senior Scientist.** Digital Age Research Center, Klagenfurt, Austria.
- Jul 2016 – Jun 2017 📌 **Data Scientist.** Devoin SDS, Istanbul, Turkey.

## Education

- Oct 2019 – Oct 2025 📌 **Ph.D. Economics and Social Sciences\***, University of Klagenfurt, Austria.  
Thesis title: *Conformity in complex organizational environments: an agent-based approach.*  
\*Dr. rer. soc. oec.
- Jul 2015 – Apr 2019 📌 **M.A. Economics**, Boğaziçi University, Turkey.  
Thesis title: *A welfare comparison of life-cycle investment strategies for Turkey.*
- Sep 2011 – Aug 2015 📌 **B.A. International Trade**, Boğaziçi University, Turkey.

## Research Publications

### Journal Articles

- 1 R. Khodzhimatov, S. Leitner, and F. Wall, “Effects of modularity on the organizational performance in presence of conformity,” *International Journal of Organization Theory & Behavior*, Jun. 2024. 🔗 DOI: 10.1108/IJOTB-09-2023-0180.

### Proceedings and Book Chapters

- 1 R. Khodzhimatov, S. Leitner, and F. Wall, “Controlling Replication via the Belief System in Multi-unit Organizations,” in *Advances in Social Simulation*, F. Squazzoni, Ed., Cham: Springer Nature Switzerland, 2023, pp. 359–370. 🔗 DOI: 10.1007/978-3-031-34920-1\_29.
- 2 R. Khodzhimatov, S. Leitner, and F. Wall, “Interactions Between Social Norms and Incentive Mechanisms in Organizations,” in *Coordination, Organizations, Institutions, Norms, and Ethics for Governance of Multi-Agent Systems XIV*, A. Theodorou, J. C. Nieves, and M. De Vos, Eds., vol. 13239, Cham: Springer International Publishing, 2022, pp. 111–126. 🔗 DOI: 10.1007/978-3-031-16617-4\_8.
- 3 R. Khodzhimatov, S. Leitner, and F. Wall, “On the Effect of Social Norms on Performance in Teams with Distributed Decision Makers,” in *Social, Cultural, and Behavioral Modeling*, R. Thomson, M. N. Hussain, C. Dancy, and A. Pyke, Eds., vol. 12720, Cham: Springer International Publishing, 2021, pp. 299–309. 🔗 DOI: 10.1007/978-3-030-80387-2\_29.

### Preprints and Submitted Papers

- 1 R. Khodzhimatov, S. Leitner, and F. Wall, *Conformity: Resolving the Trade-Off Between Performance and Synchrony in Multi-Unit Organizations*, Under review, 2025. 🔗 URL: <https://arxiv.org/pdf/2508.11807>.
- 2 R. Khodzhimatov, T. U. Kuzubas, and B. Saltoglu, *A Comparative Analysis of Different Life-Cycle Investment Strategies for Turkey*, Bogazici University, Department of Economics, Working Paper Series, Jan. 2022. 🔗 URL: <https://ideas.repec.org/p/bou/wpaper/2022-01.html>.

## Skills and Interests

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Interests	📌 Agent-based modeling, Complex systems, Regime shifts
Languages	📌 English (fluent), Turkish (fluent), Russian (native), Uzbek (native), German (B2)
Software dev.	📌 Python, C++, Go, Git, Docker, Linux
Data analysis	📌 R/tidyverse, Stata, OpenCV, SQL, MongoDB, MATLAB
Sci. comm.	📌 $\text{\LaTeX}$ , Markdown, Inkscape, D3.js, ggplot2, HTML/CSS/JS

## Miscellaneous Experience

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### Conference presentations

Sep 2022	📌 Social Simulation Conference, Milan, Italy
	📌 A.M.A.S.E.S. Conference, Palermo, Italy
Jul 2021	📌 SBP-BRIMS, Remote
May 2021	📌 COINE Workshop at AAMAS Conference, Remote
Dec 2020	📌 Conference in Complex Systems, Remote

### Refereeing

2024	📌 PLOS One
2022	📌 Advances in Social Simulation (proceedings)

### Teaching Assistance

Fall 2020	📌 <i>EC 48E Machine Learning for Economists</i> , Boğaziçi University, Turkey
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## References

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Available on Request