

Ravshanbek Khodzhimatov

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Employment History

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

Education

- Oct 2019 – Jun 2025* 📌 **Ph.D. Social Sciences and Economics****, University of Klagenfurt, Austria.
Thesis title: *Conformity in complex organizational environments: an agent-based approach.*
*dissertation submitted **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.

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.
- 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

Languages	📖	English (fluent), Turkish (fluent), Russian (native), Uzbek (native), German (B2).
Academic	📖	Agent-based modeling, Econometrics, Statistics, Convex optimization.
Software dev.	📖	Python, C++, Go, Git, Docker, Linux.
Data analysis	📖	R/tidyverse, Stata, OpenCV, SQL, MongoDB, MATLAB.
Scientific writing	📖	LaTeX, Markdown, Inkscape, D3.js, ggplot2, HTML/CSS/JS

Miscellaneous Experience

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

References

Available on Request