

Christopher Zosh

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Education

Ph.D. in Economics, Binghamton University, (Expected) S2025

- Behavioral Macro and Complexity course (with Cars Hommes), Su2021
- Complex Systems Summer School (Santa Fe Institute), Su2022
- Graduate Workshop in Computational Social Science (Santa Fe Institute), Su2023
- Advanced Graduate Workshop in Computational Social Science (Santa Fe Institute), Su2024

B.A. in Mathematics and Economics (Dual Major), University at Buffalo, S2018

Research Fields

Decision Theory, Game Theory, Behavioral Economics, Learning & Stochastic Optimization, Agent-Based Simulation

Working Papers

- **Generalizing K-Level Beliefs to Models of Learning and Boundedly Rational Response for Simulating Priors and Meta-learning**
- **Evolving Sustainable Institutions in Agent-Based Simulations with Learning** with Andreas Pape, Todd Guilfoos, and Peter DiCola
- **On the Preservation of Input/Output Directed Graph Informativeness under Crossover** with Andreas Pape, J. David Schaffer, and Hiroki Sayama
- **A Guide and General Method for Estimating Parameters and their Confidence Intervals in Agent-Based Simulations with Stochasticity** with Nancy Dhameja, Yixin Ren, and Andreas Pape

Teaching Experience

- As instructor (Ithaca College):
 - Intro Microeconomics (U), F2022
- As teaching assistant (Binghamton University):
 - Intro Microeconomics (U), F2019, S2020
 - Macroeconomic Theory (PhD), F2020, F2021
 - Agent-Based Policy Modelling (M/PhD), S2023
- As department-hired tutor (Binghamton University):
 - Microeconomic Theory (Game Theory) comprehensive exam review, Su2021
 - Macroeconomic Theory comprehensive exam review, Su2022

Presentations

- Complex Systems Summer School (Santa Fe Institute), Su2022
- Graduate Workshop in Computational Social Science (Santa Fe Institute), Su2023
- Commons, Commoning, and Social Change Workshop (hosted by the School for Environment and Sustainability at University of Michigan), F2023
- Eastern Economic Association Meetings, S2024
- Advanced Graduate Workshop in Computational Social Science (Santa Fe Institute), Su2024

Other

- President of the Graduate Student Organization for the Economics Department, F2020-S2021
- Student coordinator for the Fourth Northeast Regional Conference on Complex Systems, Binghamton University, S2021