

Day 1
30-01-2023



2:00 PM GMT
Ole Peters
London Mathematical Laboratory

Ergodicity Economics.
An Update.

2:30 PM GMT
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3:30 PM GMT

Basic Ergodicity Concepts

Chair: Ole Peters



2:30 PM GMT
Nicolas Underwood
University of Lincoln

Ergodicity in Principle and in Practice



2:50 PM GMT
James Price
University of Warwick

Extending EE: Ruin and Finite-time problems



3:10 PM GMT
Carlos Raposo
OpSeeker Tech

What if we valued time instead of money?

3:50 PM GMT
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4:50 PM GMT

Cooperation

Chair: Rory Sutherland



3:50 PM GMT
Lorenzo Fant
Granada University

The ergodicity economics perspective on cooperation



4:10 PM GMT
James King
Science Practice and
Ctrl Group

Practical approach to pooling and sharing between cooperative businesses



4:30 PM GMT
Athena Aktipis
Arizona State University

“It all comes out in the wash”: Risk pooling and need-based transfers in The Human Generosity Project

5:10 PM GMT
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6:10 PM GMT

Reinforcement Learning

Chair: Colm Connaughten



5:10 PM GMT
Julia Freytag
Fraunhofer IML

Cooperative Behaviors in Sequential Social Dilemmas using Multi-Agent Reinforcement Learning



5:30 PM GMT
Bert Verbruggen
Vrije Universiteit Brussel

What do reinforcement learning agents learn in a non-ergodic context?



5:50 PM GMT
Dominik Baumann
Uppsala University

On ergodicity in reinforcement learning



6:10 PM GMT
Colm Connaughten
London Mathematical Laboratory

Recap/Preview

Day 2
31-01-2023



2:00 PM GMT
Stephanie Kelton
Stony Brook University

Keynote

2:30 PM GMT
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3:30 PM GMT

Ergodicity and Utility

Chair: Benjamin Skjold



2:30 PM GMT
Matthew Ford
St. Johns College, Oxford

Psychology is Fundamental: The Limitations of Growth-Optimal Approaches to Decision Making under Uncertainty



2:50 PM GMT
Maria de la Laviada
London School of Economics

A fanatical bet for risk-neutral utilitarians



3:10 PM GMT
Joshua Lawson
University of Rochester

An Axiomatization of Ergodicity Economics

3:50 PM GMT
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4:50 PM GMT

Experiments

Chair: Ollie Hulme



3:50 PM GMT
Benjamin Skjold
London Mathematical Laboratory

Scrutinizing the experimental design of the Copenhagen Experiment



4:10 PM GMT
Cathy Macharis
Vrije Universiteit Brussel

Investigating the origins of redistributing behavior in non-ergodic contexts



4:30 PM GMT
Madhur Mangalam
University of Nebraska

Is non-ergodicity a cause of the reproducibility crises?

5:10 PM GMT
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6:10 PM GMT

Ruin

Chair: Erica Thompson



5:10 PM GMT
Luca Dellanna

Ergodicity as a non-binary property



5:30 PM GMT
Emilie Soysal
Potsdam Institute for Climate Impact Research

Economic survival and climate change



5:50 PM GMT
Arne Vanhoyweghen
Vrije Universiteit Brussels

Human decision-making in a non-ergodic additive environment



6:10 PM GMT
Ole Peters and
Benjamin Skjold
London Mathematical Laboratory

Closing Remarks