

6th TOULOUSE ECONOMICS AND BIOLOGY WORKSHOP

EVOLUTION, COGNITION & RATIONALITY

Program: May 24

- 08:30- 9:00 **Welcome Coffee** - *Hall S Building*
- 09:00-10:00 **Alex Kacelnik**, University of Oxford – Biology
Choosing between models of choice: how and when are preferences constructed?
- 10:00-11:00 **Arthur Robson**, Simon Fraser University - Economics
Adaptive Hedonic Utility
- 11:00-11:30 **Coffee Break** - *MS002- MS003*
- 11:30-12:30 **Yuval Heller**, Bar-Ilan University and **Erik Mohlin**, Lund University - Economics
Observations on Cooperation: Theory and Experiment
- 12:30-13:30 **Lunch** - *MS002- MS003*
- 13:30-14:30 **Audrey Dussutour**, CNRS University Toulouse III - Biology
Habituation in non neural organisms, evidence from slime molds
- 14:30-15:30 **Iain Couzin**, Max Planck Institute for Ornithology & University of Konstanz – Biology
Collective Sensing and Decision-Making in Animal Groups: From Fish Schools to Primate Societies
- 15:30-15:50 **Coffee Break** - *MS002- MS003*
- 15:50-16:50 **Cecilia Heyes**, University of Oxford - Biology & Psychology
Cognitive Gadgets: The Cultural Evolution of Thinking
- 16:50-17:50 **Joanna J. Bryson**, University of Bath & Princeton University - Computer Science
Generating Publics for your Goods Investment: Trust, Inequality, and Polarization
- 20:00 **Dinner** (by invitation only)

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Program: May 25

- 08:30-09:00 **Coffee** - Hall S Building
- 09:00-10:00 **Ariel Rubinstein**, Tel Aviv University - Economics
Multi-dimensional Reasoning in Games: Framework, Equilibrium and Applications
- 10:00-11:00 **Aldo Rustichini**, University of Minnesota - Economics
Biological foundations of Choice and Memory
- 11:00-11:30 **Coffee Break** - MS003
- 11:30-12:30 **Noam Brown**, Carnegie Mellon University - Computer Science
Libratus: Beating Top Pros in No-Limit Poker
- 12:30-13:30 **Lunch** - MS003
- 13:30-14:00 **Poster Session** - MS002
Slimane Dridi, Institute for Advanced Study in Toulouse (IAST)
Learning and the evolution of the reward function in games
Keiti Kondi, Université Catholique de Louvain
Gender Gap, Intra Household Bargaining and Sex Selective Abortion in Albania
Jennifer McClung, Université de Neuchâtel
Variation in human cooperation : Key proximate mechanisms
Berenika Mioduszevska -International Max Planck Research School
The innovation arena : A novel comparative approach to investigate innovation
Sabine Nöbel, Laboratoire Évolution & Diversité Biologique - UPS Toulouse III
Fruit flies conform in love
Mark O'Hara, Messerli Research Institute - University of Vienna
Goffin Lab Tanimbar
Fernando P. Santos, University of Lisbon
Cognitive complexity and cooperation under indirect reciprocity
Stefano Palminteri, INSERM -ENS
Reference-point centering and range-adaptation enhance human reinforcement learning at the cost of irrational preferences.
Elle Parslow, Stockholm School of Economics
The digit ratio (2D:4D) and economic preferences: no robust associations in a sample of 330 women
Andrès Quiñones, Université de Neuchâtel
Sophisticated learning in mutualistic fish: a model of cognitive mechanisms
Lauriane Rat-Fischer, Institute for Advanced Study in Toulouse (IAST)
Development of physical problem-solving competences in human infants and corvids
Mawa Dafreville, Institute for Advanced Study in Toulouse (IAST)
Use of behavioral and psychophysiological data in the study of humor and learning in babies
- 14:00-15:00 **Marc Mézard**, ENS Paris Sud University - Physics
Rationality limited by nature: a few lessons from statistical physics
- 15:00-15:30 **Coffee Break** - MS003
- 15:30-16:30 **Immanuel Bomze**, University of Vienna - Operations Research
Aiding cognition in complex structures
- 16:30-17:30 **Peter Gärdenfors**, Lund University - Cognitive Science
Word meanings as correlated equilibria in conceptual spaces
- 19:30 **Dinner** (by invitation only)

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