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<Beacon D>

<Friday, February 28, 1:00 - 2:20>

**[D4] Agent-Based Computational Economics I: Adaptation, Choice, and Behavior I (JEL Codes: C, D)**

First of Eight Sessions Sponsored by *NYC Computational Economics & Complexity Workshop*

Session Chair: **Chris Ruebeck**, Lafayette College

Session Organizer: **Andreas Pape**, SUNY Binghamton University

Co-Evolving Institutions and Enforcement in Public Goods

**Lawrence De Geest**, Suffolk University; **John Miller**, Carnegie Mellon University

A Model of Adaptive Reinforcement Learning

**Yaroslav Rosokha**, Purdue University; **Julian Rosokha**, University of Arizona

The Emergence of Monitoring

**Andreas Pape**, SUNY Binghamton University; **Peter DiCola**, Northwestern Law School

Multiple Games Analysis: A Petri Dish for Growing Polycentric Orders

**Abigail Devereaux**, George Mason University,

Discussants: **Yaroslav Rosokha**, Purdue University; **Andreas Pape**, SUNY Binghamton University; **Lawrence De Geest**, Suffolk University; **Chris Ruebeck**, Lafayette College

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<Beacon E>

<Friday, February 28, 2:30 - 3:50>

**[E5] Agent-Based Computational Economics: Urban and Environmental (JEL Codes: C, R, Q)**

Second of eight Session Sponsored by *NYC Computational Economics & Complexity Workshop*

Session Chair: **Andreas Pape**, SUNY Binghamton University

Session Organizer: **Jason Barr**, Rutgers University-Newark

Entropy and Complexity in Urban and Regional Systems

**J. Barkley Rosser**, James Madison University

SIMUTEC: A Multi-Agent Platform of Decision Support for Urban Climate Policy Development

**Seghir Zerguini**, GREThA - University of Bordeaux; **Nathalie Gaussier**, GREThA - University of Bordeaux,

Effects of Learning and Externalities on Agricultural Decision Making and Water Quality Trading Participation

**Christopher S. Ruebeck**, Lafayette College; **Hongxing Liu**, Lafayette College

Discussants: **Andreas Pape**, SUNY Binghamton University; **Jason Barr**, Rutgers University (Newark);

**Seghir Zerguini**, GREThA - University of Bordeaux

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<Beacon E>

<Friday, February 28, 4:00 - 5:20>

**[F5] Agent-Based Computational Economics: Pricing and Agency (JEL Codes: C, E)**

Third of Eight Sessions Sponsored by *NYC Computational Economics & Complexity Workshop*

Session Chair: **Andreas Pape**, SUNY Binghamton University

Session Organizer: **Leanne Ussher**, Bard College

The Econometrics of Prices in a Network Economy

**John Schuler**, George Mason University

On the Estimation of Behavioral Macroeconomic Models via Simulated Maximum Likelihood

**Jiri Kukacka**, Charles University - Institute of Economic Studies; Czech Academy of Sciences - Institute of Information Theory and Automation; **Tae Seok Jang**, Kyungpook National University - School of Economics and Trade; **Stephen Sacht**, University of Kiel

The Simhattan Project: Transportation Costs and Housing Affordability

Presenter: **Jason Barr**, Rutgers University (Newark); **Daniel Scheer**, Stash

Discussants: **Jiri Kukacka**, Charles University - Institute of Economic Studies; **John Schuler**, George Mason University; **Christopher S. Ruebeck**, Lafayette College

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<Exeter>

<Saturday, February 29, 8:30 - 9:50>

**[G12] Agent-Based Computational Economics: Macroeconomics (JEL Codes: C, D)**

Fourth of Eight Sessions Sponsored by *NYC Computational Economics & Complexity Workshop*

Session Chair: **Alan G. Isaac**, American University

Session Organizer: **Alan G. Isaac**, American University

The Effects Of Macprudential Policies On House Price Cycles In An Agent-based Model of the Danish Housing Market  
**Graeme Cokayne**, Danmarks Nationalbank

Monetary Plucking in a Network Economy

**Amar Jyoti**, IIT Madras; **Vipin P Veetil**; IIT Madras; **Santosh Kumar**; Sahu IIT Madras

Forecasting in a Complex Environment: Machine Learning Firms Expectations in a SFC Agent Based Simulation Model

**Mauro Gallegati**, Marche Polytechnic University; **Ermanno Catullo**, Università Politecnica delle Marche; **Alberto Russo**, Università Politecnica delle Marche

Financial Contagion and Macroeconomic Stability: An Agent-Based Approach

**Gianluca Pallante**, New School for Social Research; **Mattia Guerini**, Sciences Po; **Mauro Napoletano**, Sciences Po; **Andrea Roventini**, Sant'Anna School of Advanced Studies

Discussants: **Amar Jyoti**, IIT Madras; **Ermanno Catullo**, Università Politecnica delle Marche; **Gianluca Pallante**, New School for Social Research; **Graeme Cokayne**, Danmarks Nationalbank

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<Exeter>

<Saturday, February 29, 10:00 - 11:20>

**[H12] Agent-Based Computational Economics: Adaptation, Choice, and Behavior II (JEL Codes: C, D)**

Fifth of Eight Sessions Sponsored by *NYC Computational Economics & Complexity Workshop*

Session Chair: **Andreas Pape**, SUNY Binghamton University

Session Organizer: **Andreas Pape**, SUNY Binghamton University

Information Asymmetry and Competition Trap in Higher Education

**Oleg Pavlov**, Worcester Polytechnic Institute; **Evangelos Katsamakos**, Gabelli School of Business Fordham University

Bank Run, Fast and Slow: From Behaviors to Dynamics

**Dan Tran**, University of Bordeaux & CNRS

Multimarket Competition and Profitability

**Alan G. Isaac**, American University; **James Boohaker**, Census Bureau

Corporate Tax Avoidance: What Firms Can Learn from the Past

**Minjie Huang**, Bowling Green State University; **Shunan Zhao**, Oakland University; **Andreas Pape**, SUNY Binghamton University

Discussants: **Dan Tran**, University of Bordeaux & CNRS; **Alan G. Isaac**, American University; **Minjie Huang**, Bowling Green State University; **Oleg Pavlov**, Worcester Polytechnic Institute

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<Exeter>

<Saturday, February 29, 1:00 - 2:20>

**[I12] Agent-Based Computational Economics: Finance (JEL Code: C, G)**

Sixth of Eight Sessions Sponsored by *NYC Computational Economics & Complexity Workshop*

Session Chair: **Blake LeBaron**, Brandeis University

Session Organizer: **Germán G. Creamer**, Stevens Institute of Technology

The Impact of Liquidity Dynamics on Short and Long Run Financial Time Series Features

**Blake LeBaron**, Brandeis University

Corporate Boards, Interorganizational Ties and Profitability: The Case of Japan

**Matthias Raddant**, Kiel University; **Hiroshi Takahashi**, Keio University

The Inequality Process' PDF Approximation Model for Heavy-Tailed Financial Distributions

**John Angle**, The Inequality Process Institute, LLC

Market Volatility in the Presence of Price and Quantity Shading

**Vasudeva Ramaswamy**, American University; **Alan G. Isaac**, American University

Discussants: **Alan G. Isaac**, American University; **Blake LeBaron**, Brandeis University; **Matthias Raddant**, Kiel University; **John Angle**, The Inequality Process Institute

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<Exeter>

<Saturday, February 29, 2:30 - 3:50>

**[J12] Agent-Based Computational Economics: Philosophy of Economics I (JEL Codes: C, E)**

*Canceled or moved to K12*

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<Exeter>

<Saturday, February 29, 4:00 - 5:20>

**[K12] Agent-Based Computational Economics: Philosophy of Economics II (JEL Codes: C, E)**

Eighth of Eight Sessions Sponsored by *NYC Computational Economics & Complexity Workshop*

Session Chair: **Chris Ruebeck**, Lafayette College

Session Organizer: **Shu-Heng Chen**, National Chengchi University

Can Analytical Sociology Do Without Methodological Individualism?

**Nathalie Bulle**, National Center for Scientific Research (CNRS, GEMASS, Paris); **Denis Phan**, National Center for Scientific Research

Can ABM Models Accommodate Supra-individual Causal Factors?

**Daniel Little**, University of Michigan-Dearborn

Evolution of Deontological Morality

**Shyam Gouri Suresh**, Davidson College; **Paul Studtmann**, Davidson College

On the Connection between Agent-based Computational Models and Methodological Individualism

**Gianluca Manzo**, GEMASS (CNRS & Sorbonne University)

Discussants: **Daniel Little**, University of Michigan-Dearborn; **Paul Studtmann**, Davidson College; **Gianluca Manzo**, GEMASS (CNRS & Sorbonne University); **Nathalie Bulle**, National Center for Scientific Research (CNRS, GEMASS, Paris)