

Workshop on Econometrics and Models of Strategic Interactions

May 23 and 24, 2025

Queen Mary University
Charterhouse Square Campus
Willoughby Lecture Theatre



The workshop is hosted by Queen Mary University of London in collaboration with Toulouse School of Economics, CeMMAP (University College London), and Vanderbilt University.

Friday 23 May 2025

8:30 AM – 8:45 AM: Registration

8:45 AM – 9:00 AM: Opening Remarks

9:00 AM - 10:30 AM: Games (Chair: Christian Bontemps)

- Bryan Graham, “Scenario Sampling for Large Supermodular Games”, joint with Andrin Pelican
- Xun Tang, “Endogeneity in Games with Incomplete Information”, joint with Zhongjian Lin and Mo Xiao
- Matthew Gentry, “Practical likelihood inference in structural models with parameter dependent support”, joint with Xiaohong Chen and Tong Li

10:30 AM – 11:00 AM: Coffee Break

11:00 AM - 12:30 PM: Dynamics (Chair: Aureo de Paula)

- Whitney Newey, “Dynamic Welfare Analysis”
- Elena Pastorino, “Revisiting the Employment Effect of the Americans with Disabilities Act”, joint with Jeremy Lise and Luigi Pistaferri
- Victor Aguirregabiria, “Identification of Structural Parameters in Dynamic Discrete Choice Games”, joint with Jiaying Gu

12:30 PM – 1:45 PM: Lunch

1:45 PM – 3:15 PM: Algorithms (Chair: Tong Li)

- Clemens Possnig, “Reinforcement Learning and Collusion”
- Niccolò Lomys, “Robust Identification in Repeated Games: An Empirical Approach to Algorithmic Competition”, joint with Antonio Cizzolino, Cristina Gualdani, and Lorenzo Magnolfi
- Annie Liang, “Testing the Fairness-Accuracy Improvability of Algorithms”, joint with Eric Auerbach, Kyohei Okumura, and Max Tabord-Meehan

3:15 PM – 3:45 PM: Coffee Break

3:45 PM – 4:45 PM: Information (Chair: Ludovic Renou)

- Benjamin Brooks, “An Informationally Robust Market Model of Perfect Competition”, with Songzi Du and Linchen Zhang
- Rohit Lamba, “Hard information design”

4:45 PM – 5:00 PM: Refreshment Break

5:00 PM – 6:00 PM: Inference for design-based methods (Chair: Andrew Chesher)

- Xinyue Bei, “Inference on union bounds”
- Vishal Kamat, “Identification in Multiple Treatment Models under Discrete Variation”, joint with Samuel Norris and Matthew Pecenco

7:00 PM: Conference Dinner (Manicomio, 6 Gutter Ln, City of London, London EC2V 8AS)

Saturday 24 May 2025

9:00 AM - 10:30 AM: Empirical Models of Institutions and Markets (Chair: Sam Altmann)

- Nathan Canen, “Multidimensional Learning in Committee Deliberations”, joint with Perry Carter and Matias Iaryczower
- Thi Mai Anh Nguyen, “Long-Term Relationships and the Spot Market: Evidence from US Trucking”, joint with Adam Harris
- Federico Ciliberto, “Bridging Retrospective and Prospective Merger Analyses: The Case of US Airline Mergers”, joint with Gaurab Aryal and Anirban Chattopadhyaya

10:30 AM – 11:00 AM: Coffee Break

11:00 AM - 12:30 PM: Auctions (Chair: Emmanuel Guerre)

- Juan Ortner, “Scoring and Cartel Discipline in Procurement Auctions”, joint with Sylvain Chassang, Kei Kawai and Jun Nakabayashi
- Matthew O’Keefe, “Identification and Estimation of Auction Models with Dual Risk-Averse Bidders”, joint with Tong Li and Jingfeng Lu
- Bernhard Kasberger, “An Equilibrium Model of the First-Price Auction with Strategic Uncertainty: Theory and Empirics”

12:30 PM – 1:45 PM: Lunch

1:45 PM – 2:45 PM: Matching (Chair: Vishal Kamat)

- Sam Altmann, “Dynamic Matching in a Token Economy: An Empirical Model of a Home Exchange Platform”
- Alejandro Robinson-Cortés, “Multi-sided Matching with Transfers: The Economics of Labor and Love”, joint with Pauline Corblet

2:45 PM: Adjourn

Organizing Committee

Christian Bontemps (Toulouse School of Economics)
Andrew Chesher (University College London)
Aureo de Paula (University College London)
Cristina Gualdani (Queen Mary University of London)
Tong Li (Vanderbilt University)

Financial Support

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Participants

Sam Altmann (Queen Mary University of London)
Victor Aguirregabiria (University of Toronto)
Levon Barseghyan (Cornell University)
Xinyue Bei (University of Texas at Austin)
Christian Bontemps (Toulouse School of Economics)
Benjamin Brooks (University of Chicago)
Nathan Canen (University of Warwick)
Andrew Chesher (University College London)
Xiaohong Chen (Yale University)
Federico Ciliberto (University of Virginia)
Ben Deaner (University College London)
Aureo De Paula (University College London)
Tim Ederer (Carnegie Mellon University)
Anaïs Fabre (Institute for Fiscal Studies)
Matthew Gentry (Florida State University)
Cristina Gualdani (Queen Mary University of London)
Emmanuel Guerre (Queen Mary University of London)
Bryan Graham (University of California, Berkeley)
Philip Haile (Yale University)
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Bernhard Kasberger (University of Konstanz)
Annie Liang (Northwestern University)
Rohit Lamba (Cornell University)
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Tong Li (Vanderbilt University)
Niccolò Lomys (Federico II & CSEF)
Lorenzo Magnolfi (University of Wisconsin-Madison)
Mohamed Karim Merabtine (Queen Mary University of London)
Whitney Newey (MIT)
Thi Mai Anh Nguyen (New York University)

Tatsushi Oka (Keio University)
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