Northwestern | Department of Economics

Center for Econometrics

Microeconometrics Class of 2025 Conference

Northwestern University, Department of Economics

Friday, September 19, 2025

8:30–9:00 Breakfast (Room 1410, Kellogg Global Hub, 2211 N Campus Dr)

9:00 Opening remarks

9:00–10:15 Session 1

Amilcar Velez (Cornell University) "On the Asymptotic Properties of Debiased Machine Learning Estimators"

Facundo Argañaraz (Sciences Po) "Automatic Debiased Machine Learning of Structural Parameters with General Conditional Moments"

Christopher Walker (Duke University) "Semiparametric Bayesian Inference for a Conditional Moment Equality Model"

10:15–10:45 Break

10:45–12:00 Session 2

Jizhou Liu (Peking University) "Auto-Doubly Robust Estimation of Causal Effects on a Network" (with Dake Zhang and Eric J. Tchetgen Tchetgen)

Kamila Nowakowicz (University of Surrey) "Nonparametric Network Bootstrap"

Guanyi Wang (Washington University in St. Louis) "Robust Network Targeting with Multiple Nash Equilibria"

12:00–1:30 Lunch

1:30–2:45 Session 3

Liang Zhong (University of Hong Kong) "Unconditional Randomization Tests for Interference"

Filip Obradovic (University of California - Los Angeles) "Identification of Long-Term Treatment Effects via Temporal Links, Observational, and Experimental Data"

Mengsi Gao (University of Southern California) "Endogenous Interference in Randomized Experiments"

2:45–3:15 Break

3:15–4:05 Session 4

Luther Yap (National University of Singapore) "Inference with Many Weak Instruments and Heterogeneity"

Muyang Ren (University of Tennessee) "Extrapolating LATE with Weak IVs"

4:05–4:35 Break

4:35–5:25 Session 5

Sam Higbee (University of North Carolina - Chapel Hill) "Experimental Design for Policy Choice"

Han Xu (Texas A&M University) "Asymptotic Analysis of Point Decisions with General Loss Functions"

7:00 Dinner (faculty, speakers, and invited students only) at Alcove, 1625 Maple Ave

Saturday, September 20, 2025

9:00–9:30 Breakfast (Room 1410, Kellogg Global Hub, 2211 N Campus Dr)

9:30–10:45 Session 6

Victor Sancibrian (Bocconi University) “Estimation Uncertainty in Repeated Finite Populations”

Sylvia Klosin (University of California - Davis) “Dynamic Biases of Static Panel Data Estimators”

Yan Liu (Kyoto University) “Robust Counterfactual Analysis for Nonlinear Panel Data Models”

10:45–11:15 Break

11:15–12:30 Session 7

Jaume Vives-i-Bastida (New York University) “Synthetic IV Estimation in Panels”

JooYoung Cha (Notre Dame University) “Local Projections Inference with High-dimensional Controls without Sparsity”

Zhan Gao (Southern Methodist University) “Generalized Method of Moments with Grouped Heterogeneous Validity of Moment Conditions in Panel Data Models”

12:30 Closing remarks

12:30–2:00 Lunch

Thank you to the Institute for Data, Econometrics, Algorithms, and Learning, the National Science Foundation and the Northwestern Center for Econometrics for supporting this conference.