

# 2019 Conference Celebrating Whitney Newey's Contributions to Econometrics

Thursday May 16, 2019

5 - 7 PM Meadhall (90 Broadway, Cambridge MA) Informal Reception

Friday May 17, 2019

|          |  |  |
|----------|--|--|
| 8:30 AM  | Josh Angrist   | Welcome  |
| 8:40 AM  | Jin Hahn<br>(with Guido Kuersteiner and Whitney Newey)           | Higher order efficiency of bias corrections  |
| 9:15 AM  | Xiaohong Chen<br>(with Christoph Breunig)                        | Quadratic functionals and optimal testing in nonparametric IV models   |
| 9:50 AM  | Anna Mikusheva<br>(with Liyang Sun)                              | Inference under many weak instruments for linear IV models   |
| 10:25 AM | Break  |  |
| 10:40 AM | Guido Kuersteiner  | Limit theorems for data with network structure   |
| 11:15 AM | Guido Imbens<br>(with Susan Athey)                               | Simulation design  |
| 11:50 AM | James Robins<br>(with Li Liu and Rajarshi Mukherjee)             | The possibility of nearly assumption free tests and confidence intervals for the average treatment effect when estimated using black-box machine learning algorithms |
| 12:25 PM | Lunch  |  |
| 1:25 PM  | Bryan Graham<br>(with Jim Powell)                                | Nonparametric regression with dyadic datasets  |
| 2:00 PM  | Matias Cattaneo<br>(with Michael Jansson and Xinwei Ma)          | Local regression distribution estimators   |
| 2:35 PM  | Ivan Fernandez-Val and Frank Vella<br>(with Aico Van Vuuren)     | Decomposing changes in the distribution of annual earnings for the United States   |
| 3:10 PM  | Break  |  |
| 3:25 PM  | Richard Blundell<br>(with Manuel Arellano and Stephane Bonhomme) | Nonlinear persistence and partial insurance: innovations in the panel data dynamics of income and consumption  |
| 4:00 PM  | Jim Stock<br>(with Tom Kolokotronis)                             | Optimality for $q=1$ kernels   |
| 4:35 PM  | Break  |  |

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|---------|---|--|
| 4:50 PM | Konrad Menzel                                       | Bootstrap with clustering in two or more dimensions          |
| 5:25 PM | Andres Santos<br>(with Ivan Canay and Azeem Shaikh) | The wild bootstrap with a "small" number of "large" clusters |
| 6:00 PM | Break   |  |
| 6:30 PM | Dinner  |  |

## Saturday May 18, 2019

|          |  |   |
|----------|--|---|
| 8:30 AM  | Andy Lo<br>(with Shomesh Chaudhuri)  | Financially adaptive clinical trials via option pricing analysis                                |
| 9:05 AM  | Max Kasy<br>(with Anja Sautmann)   | Adaptive experiments for policy choice  |
| 9:40 AM  | Isaiah Andrews<br>(with Jesse Shapiro)   | Statistical reports for remote agents   |
| 10:15 AM | Break  |   |
| 10:30 AM | Brigham Frandsen   | A rational approach to inference on multiple parameters   |
| 11:05 AM | Victor Chernozhukov<br>(with Mert Demirer, Esther Duflo, and Ivan Fernandez-Val) | Generic machine learning inference on heterogeneous treatment effects in randomized experiments |
| 11:40 AM | Susanne Schennach<br>(with Florian Gunsilius)                                    | A nonlinear principal component decomposition   |
| 12:15 PM | Lunch  |   |