Washington University in St. Louis
Olin Business School

NBER-NSF SBIES Conference

Program

Brown University, Smith-Buonanno Hall, Room 106, 95 Cushing St, Providence, RI

Friday, May 31, 2019

1 - 1:15 p.m. Welcoming Remarks

1:15 - 2:45 p.m. SESSION 1 – Theory and Methods I

Chair: *Kenichi Shimizu, Brown University*

- "Low-Frequency Analysis of Economic Time Series," **Ulrich Mueller**, Mark Watson.
- "A Robust Machine Learning Algorithm for Text Analysis," **Jose Luis Montiel Olea**, James Nesbit, and Barry Shikun Ke.
- "Posterior Distribution of Nondifferentiable Functions," **Jonathan Payne,** Toru Kitagawa, José Luis Montiel Olea, and Amilcar Velez.
- "Semiparametric Bayesian Estimation of Dynamic Discrete Choice Models," **Kenichi Shimizu,** Andriy Norets.

2:45 - 3 p.m.   REFRESHMENT BREAK

3 - 4:15 p.m.   SESSION 2 - Microeconometrics

Chair: Jingyu He*, University of Chicago*

- "Tree-Based Bayesian Treatment Effect Analysis," **Hedibert Freitas Lopes**, Pedro Henrique Filipini dos Santos.
- "Aggregating Distributional Treatment Effects: A Bayesian Hierarchical Analysis of the Microcredit Literature," **Rachael Meager**.
- "XBART: Accelerated Bayesian Additive Regression Trees," **Jingyu He**, Saar Yalov and P. Richard Hahn.

4:15 – 4:30 p.m.   REFRESHMENT BREAK

4:30 - 6:00 p.m.   SESSION 3 – Theory and Methods II

Chair: *Angela Vossmeyer, Claremont McKenna College*

- "Posteriors on Parameters from Moment Conditions," **Neil Shephard**, Han Yan.
- "Full-Information Estimation of Heterogeneous Agent Models Using Macro and Micro Data," **Laura Liu**, Mikkel Plagborg-Moller.

- “Scaling Bayesian Probabilistic Record Linkage with Post-Hoc Blocking,” **Jared Murray**, Brendan McVeigh and Bradley Spahn.
- “Likelihood Specification and Inference in Discrete Simultaneous Equation Models,” **Angela Vossmeyer**, Ivan Jeliazkov.

6 - 7 p.m. Reception at the Hope Club

7 - 9:30 p.m.   DINNER at the Hope Club

Saturday, June 1, 2019

7:30 - 8:30 a.m. CONTINENTAL BREAKFAST

8:30 - 10 a.m. SESSION 4 – Time Series

Chair: *Giovanni Ricco, University of Warwick*

- “Multivariate Stochastic Volatility with co-Heteroscedasticity,” **Roberto Leon-Gonzalez**, Joshua Chan, Arnaud Doucet, and Rodney Strachan.
- “Bayesian Nonparametric Estimation of Ex-post Variance,” **John Maheu**, Jim Griffin, and Jia Liu.
- “Bayesian Nonparametric Covariance Estimation with Noisy and Nonsynchronous Asset Prices,” **Jia Liu**.
- “A Model of the Fed's View on Inflation,” **Giovanni Ricco**, Thomas Hasenzagl, Filippo Pellegrino, and Lucrezia Reichlin.

10 - 10:15 a.m. REFRESHMENT BREAK

10:15 - 11:45 a.m. SESSION 5 - Topics in Micro and Macroeconometrics

Chair: *Jonas Arias, Federal Reserve Bank of Philadelphia*

- “Measuring Cross-Country Linkages with a Panel Unobservable Component Model,” **Gianni Amisano**, Lea Petrella, and Jan Martin Rossi.
- “A Flexible Stochastic Conditional Duration Model,” **Samual Gringas**, William J. McCausland.
- “Dynamic Sparse Factor Analysis,” **Kenichiro McAlinn**, Enakshi Saha, and Veronika Rockova.
- “Inference in Bayesian Proxy-SVARs,” **Jonas Arias**, Juan F. Rubio-Ramirez, and Daniel F. Waggoner.

11:45 a.m. – 1:45 p.m. LUNCH and POSTER SESSION

The poster boards will accommodate poster sizes up to 4x4 feet. Pins will be provided to attach posters to the boards.

Poster Session:

- “A Bayesian Joint Model of Spatial Point Processes with Application to Basketball Shot Chart,” **Jieying Jiao**, Guanyu Hu and Jun Yan.
- “A Bayesian Nonparametric Approach on Model Combination for Short-term Interest Rates,” **Qiao Yang**, Xin Jin and John Maheu.
- “Do Better Return Density Forecasts Lead to Economic Gains in Portfolio Allocation?” **Chenxing Li**.

- "Do Financial and Macro Economic Variables Help Predict the Distribution of the Market Return?" **Azam Shamsi Zamenjani**.
- "Factor Investing: Hierarchical Ensemble Learning," **Guanhao Feng**, Jingyu He.
- "Bayesian Nonparametric Nonhomogeneous Poisson Process with Applications to USGS Earthquake Data," **Guanyu Hu**, Junxian Geng, and Wei Shi.
- "Revisiting the Bayesian FFBS Method for Mixed Frequency Inference," **Angelo M. Fasolo**, and Sergio Lago Alves.
- "Subsampled Information Criterion for Bayesian Model Selection in Big Data Setting," **Lijiang Geng**, Yishu Xue and Guanyu Hu.
- "Bayesian Nonparametric Models for Conditional Densities Based on Orthogonal Polynomials," **Marco Stenborg Petterson**, and Andriy Norets.

1:45 - 3:15 p.m. SESSION 6 – Financial Econometrics

Chair: *Hwagyun Kim, Texas A&M*

- "Monotonic Effects of Characteristics on Returns," **David Puelz**, Jared Fisher and Carlos Carvalho.
- "Macro Factor Selection in Affine Term Structure Models," **Kyu Ho Kang**, Siddhartha Chib, and Cheolwoo Lee.
- "On Comparing Asset Pricing Models," **Lingxiao Zhao**, Siddhartha Chib, and Xiaming Zeng.
- "Risk, Ambiguity, and Time-Varying Stochastic Volatility," **Hwagyun Kim**, Joon Y. Park.

3:15 – 3:30 p.m. REFRESHMENT BREAK

3:30 – 5 p.m. SESSION 7 – Forecasting

Chair: *Garo Garabedian, Central Bank of Ireland - Ghent University*

- "Multivariate Bayesian Predictive Synthesis in Macroeconomic Forecasting," **Knut Are Asastveit**, Kenichiro McAlinn, Jouchi Nakajima, and Mike West.
- "Reconciling VAR-based Forecasts with Survey Forecasts," **Taeyoung Doh**, Andrew Lee Smith.
- "Forecasting Panel Data with Structural Breaks and Regime-specific Grouped Heterogeneity," **Simon Smith**.
- "A Sparse Measure of Liquidity, and the Impact of Monetary Policy," **Garo Garabedian.**