

NBER-NSF Seminar on Bayesian Inference in Econometrics and Statistics
University of Pennsylvania – ARCH Building, Room 208
April 29-30, 2016

CONFERENCE PROGRAM

Friday, April 29

1:15-1:25 p.m. Welcoming Remarks

1:25-3:30 p.m. SESSION 1 - Time Series Analysis
Chair: Thorsten Drautzburg (FRB Philadelphia)

- **Giorgio Primiceri**, Domenico Giannone, and Michele Lenza, “Priors for the Long Run.”
- **Andrea Carriero**, Todd Clark, and Massimiliano Marcellino, “Measuring Uncertainty and its Impact on the Economy.”
- **Mark Bognanni**, “An Alternative Approach to VARs with Stochastic Volatility: Using Sequential Monte Carlo to Estimate the Discounted-Wishart Model.”
- **Daniel Kowal**, David S. Matteson, and David Ruppert, “Gaussian Processes for Functional Autoregression.”
- **Jaeho Kim**, “Efficient Bayesian Inference in Non-linear Switching State Space Models Using Particle Gibbs Sampling Approaches.”

3:30-3:55 p.m. Refreshment Break

3:55-6:00 p.m. SESSION 2 - Microeconometrics
Chair: Frank DiTraglia (Penn)

- **Edward George**, Veronika Rockova, Paul Rosenbaum, Ville Satopaa, and Jeffrey Silber, “Medicare’s Hospital Compare: Mortality Rate Estimation and Standardization for Public Reporting.”
- **P. Richard Hahn**, Carlos Carvalho, and David Puelz, “Heterogenous Treatment Effect Estimation with Treed Linear Models.”
- **Martijn van Hasselt**, Tim Ferland, Jeremy Bray, and Arnie Aldridge, “Bayesian Estimation of the Complier Average Causal Effect.”
- **William McCausland**, Clinton Davis-Stober, A.A.J. Marley, Sanghyuk Park, and Nicholas Brown, “Testing Random Utility Using Falmagne’s Conditions Directly.”
- **Anna Simoni**, Siddhartha Chib, and Minchul Shin, “Semiparametric Bayesian Estimation and Comparison of Moment Condition Models.”

7:30 p.m. Dinner (Details will be provided at the conference)

Saturday, April 30

8:00-8:30 a.m. Breakfast

8:30-10:10 a.m. SESSION 3 - Decision Making and Inference
Chair: Veronika Rockova (Wharton)

- **Kenichiro McAlinn**, and Mike West, "Dynamic Bayesian Predictive Synthesis in Time Series Forecasting."
- **David Puelz**, P. Richard Hahn, and Carlos Carvalho, "Penalized Utility Estimators in Finance."
- **M. Amin Rahimian** and Ali Jadbabaie, "Bayesian Heuristics for Group Decisions."
- **Xiaming Zeng** and Siddhartha Chib, "Multiple Predictive Regression When the Predictive Mean is Constrained: A Bayesian Approach."

10:10-10:35 a.m. Refreshment Break

10:35-12:40 p.m. SESSION 4 - Financial Econometrics
Chair: Dongho Song (Boston College)

- **Daniele Bianchi** and Andrea Tamoni, "The Dynamics of Expected Returns: Evidence from Multi-Scale Time Series Modeling."
- **Elena Goldman**, "Bayesian Analysis of Systemic Risks Distributions."
- **Jia Liu**, Jim Griffin, and John Maheu, "Bayesian Nonparametric Estimation of Ex-post Variance."
- **(Bill) Qiao Yang**, "Stock Returns and Real Growth: A Bayesian Nonparametric Approach."
- **Taeyoung Doh**, "Cash Flow and Risk Premium Dynamics in an Equilibrium Asset Pricing Model with Recursive Preferences."

12:40-1:30 p.m. Lunch

1:30-3:35 p.m. SESSION 5 - Macroeconometrics
Chair: Mark Bognanni (FRB Cleveland)

- **Ed Herbst**, Christopher Gust, Matthew Smith, and David Lopez-Salido, "The Empirical Implications of the Interest-Rate Lower Bound."
- **James Hamilton** and Christiane Baumeister, "Optimal Inference about Impulse-Response Functions and Historical Decompositions in Incompletely Identified Structural Vector Autoregressions."
- **Pooyan Amir-Ahmadi**, Thorsten Drautzburg, "Identification through Heterogeneity."
- **Giovanni Ricco** and Silvia Miranda-Agrippino, "The Transmission of Monetary Policy Shocks."
- **Gianni Amisano**, Domenico Giannone, and Michele Lenza, "Large Time Varying Parameter VAR Models for Macroeconomic Forecasting."

3:35-3:50 p.m. Refreshment Break

3:50-5:30 p.m. SESSION 6 - Modeling and Computations
Chair: Frank Schorfheide (Penn)

- **Xi Chen**, Kaoru Irie, David Banks, Robert Haslinger, Jewell Thomas, and Mike West, "Bayesian Dynamic Modeling and Analysis of Streaming Network Data."
- **Jingyu He**, P. Richard Hahn, and Hedibert Lopes, "Elliptical Slice Sampling for Regression with Shrinkage Priors."
- **Andres Ramirez Hassan**, "The Interplay Between the Bayesian and Frequentist Approaches: A Spatial Panel Data Model with Fixed Effects."
- **Timothy Christensen**, Xiaohong Chen, and Elie Tamer, "MCMC Confidence Sets for Partially Identified Models."