

# SBIES Conference: May 8-9, 2015, Knight Center, Room 200

## Friday, May 8

1:30 p.m. – 3:00 p.m.           **SESSION 1 – Variable Selection**

Chair: Todd Kuffner

- **Robert McCulloch**, Carlos Carvalho, Richard Hahn, *University of Chicago*, "[Utility Based Model Selection for Bayesian Nonparametric Modeling Using Trees.](#)"
- **Arnab Maity**, Sanjib Basu, *Northern Illinois University*, "[An Efficient Method for Variable Selection In Linear and Non-Linear Models.](#)"
- **David Puelz**, Carlos Carvalho, *University of Texas*, "[The ETF Tangency Portfolio.](#)"
- **Davide Pettenuzzo**, Francesco Ravazzolo, *Brandeis University*, "[Optimal Portfolio Choice Under Decision-Based Model Combinations.](#)"

3:00 - 3:15 p.m.                   **Refreshment Break**                   2<sup>nd</sup> Floor Break Area

3:15 - 4:30 p.m.                   **SESSION 2 – Finance**

Chair: Nan Lin

- **Osnat Stramer**, Xiaoyu Shen, Matthew Bogнар, *University of Iowa*, "[Bayesian Inference for Heston-STAR Models.](#)"
- **Qiao Yang**, John Maheu, *University of Toronto*, "[An Infitnite Hidden Markov Model for Short-term Interest Rates.](#)"
- **Andrea Carriero**, Todd Clark, Massimiliano Marcellino, *University of London*, "[Common Drifting Volatility in Large Bayesian VARs.](#)"

4:30 – 4:45 p.m.                   **Refreshment Break**                   2<sup>nd</sup> Floor Break Area

4:45 – 6:15 p.m.                   **SESSION 3 – Models and Theory**

Chair: Siddhartha Chib

- **Stefano Peluso**, Antonietta Mira, Peitro Muliere, *University of Lugano*, "[Conditionally Gaussian Random Sequences for Robust Integrated Variance Estimation.](#)"
- **Richard Hahn**, *University of Chicago*, "[Probability Models by Backward Induction.](#)"
- **Min Wang**, Yuzo Maruyama, *Michigan Technological University*, "[Consistency of Bayes Factor for Nonnested Model Selection When the Model Dimension Grows.](#)"
- **Anna Simoni**, *CNRS-CREST*, "[Gaussian Processes and Bayesian Moment Estimation.](#)"

6:30 – 7:15 p.m.                   **Reception**                           Courtyard

7:15 – 9:30 p.m.                   **DINNER**                           Anheuser-Busch Dining Hall

## Saturday, May 9

6:30 – 7:30 a.m.                   **BREAKFAST**                       2<sup>nd</sup> Floor Break Area

7:30 – 9:00 a.m.                   **SESSION 4 – Macroeconomics**

Chair: Edward Greenberg

- **Benjamin Goodrich**, Carlos Montes-Galdon, *Columbia University*, "[Estimating DSGE Models with Stan.](#)"

- **Minchul Shin**, Francis X. Diebold, Frank Schorfheide, *University of Pennsylvania*, "[Real-Time Forecast Evaluation of DSGE Models with Nonlinearities.](#)"
- **Thorsten Drautzbeg**, *Federal Reserve Bank of Philadelphia*, "[A Narrative Approach to a Fiscal DSGE Model.](#)"
- **Aemit Lakdawala**, *Michigan State University*, "[Modeling Monetary Policy Dynamics: A Comparison of Regime Switching and Time Varying Parameter Approaches.](#)"

9:00 – 9:15 a.m.                      **Refreshment Break**                      2<sup>nd</sup> Floor Break Area

9:15 – 10:45 a.m.                      **SESSION 5 – Computation, Causal Inference**

Chair: Sanjib Basu

- **Sebastien Blais**, *UQO*, "[Operationalizing normalization in LSSMs: the M-Gibbs sampler.](#)"
- **Tao Lu**, *SUNY Albany*, "[Bayesian Nonparametric Mixed-effects Joint Model for Logitudinal-competing Risks Data Analysis in Presence of Multiple Data Features.](#)"
- **Francis DiTraglia**, Camilo Garcia-Jimeno, *University of Pennsylvania*, "[A Framework for Eliciting, Incorporating, and Disciplining Identification Beliefs in Linear Models.](#)"
- **Zach Shahn**, David Madigan, *Columbia University*, "[Latent Class Mixture Models of Treatment Effect Hereogeneity for Post Hoc Subgroup Analysis.](#)"

10:45 – 11:00 a.m.                      **Refreshment Break**                      2<sup>nd</sup> Floor Break Area

11:00 – 12:30 p.m.                      **SESSION 6 – Stochastic Volatility**

Chair: Francis DiTraglia

- **Giorgi Dinilov**, Abel Rodriguez, Hongyun Wang, *University of California, Santa Cruz*, "[Bayesian Stochastic Volatility Models for High-frequency Data.](#)"
- **William McCausland**, *University of Montreal*, "[Dynamic Factor Models with Stochastic Volatility.](#)"
- **Jonathan Stroud**, Michael Johannes, *George Washington University*, "[Bayesian Modeling and Forecasting of 24-hour High-Frequency Volatility.](#)"

12:30 – 1:30 p.m.                      **LUNCH**                      Anheuser-Busch Dining Hall

1:30 - 3:00 p.m.                      **SESSION 7 – Applications**

Chair: Ehsan Soofi

- **Yan Shang**, David Dunson, Jeannette Song, *Duke University*, "[Exploiting Big Data in Logistics Risk Assessment via Bayesian Nonparametrics.](#)"
- **Guanshengrui Hao**, Nan Lin, *Washington University*, "[Bayesian Inference of Exponential Random Graph Models Under Measurement Errors.](#)"
- **Andres Ramirez Hassan**, Santiago Montoya, *Universidad EAFIT*, "[Welfare Gains of the Poor: An Endogenous Bayesian Approach with Spacial Random Effects.](#)"
- **Angelique Zeringue**, Steven Rigdon, *Saint Louis University*, "[Bayesian Approaches to Ordinal Exposures with a Mixture of Berkson and Classical Error.](#)"

3:00 - 3:15 p.m.                      **Refreshment Break**                      2nd Floor Break Area

3:15 - 4:45 p.m.                      **SESSION 8 – Time Series**

Chair: Jonathan Stroud

- **Irina Panovska**, Luiggi Donayre, *Lehigh University*, "[Assymetric Exchange Rate Pass-through Behavior over the Business Cycle.](#)"

- **Mark Fisher**, Gerald P. Dwyer, *Federal Reserve Bank of Atlanta*, "[Real Exchange Rates and Unit Roots: Learning about the Distribution.](#)"
- **Steven Rigdon**, Robert Steward, Rong Pan, *Saint Louis University*, "[A Reversible Jump Markov Chain Monte Carlo Approach to the Multivariate Change Point Problem.](#)"
- **Mark Jensen**, Mark Fisher, Paula Tkac, *Federal Reserve Bank of Atlanta*, "[Mutual Fund Performance When Learning the Distribution of Stock-Picking Skill.](#)"