

Seminar on
Bayesian Inference
in Econometrics and Statistics

April 29-30, 2011



[Home](#)

[Paper Submission](#)

[Registration](#)

[Registered Participants](#)

[Program Schedule](#)

[Accommodations](#)

[Sponsors](#)

[Contact](#)

Program

Friday, April 29 - Knight Center, Room 200

1:30 – 3:00 p.m. **SESSION 1 – DSGE Models**

Chair: Siddhartha Chib, Washington University in St. Louis

- Eric Gaus, Ursinus College, “[DSGE Estimation of Models with Learning.](#)”
- Ed Herbst, University of Pennsylvania, “[Gradient and Hessian-Based MCMC for DSGE Models.](#)”
- Srikanth Ramamurthy, Loyola University, Maryland, “[The Effect of Monetary Policy on the Term Premium: Evidence from a DSGE Model.](#)”
- Michael Bauer, Federal Reserve Bank of San Francisco, “[Term Premia and the News.](#)”

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

3:15 - 4:45 p.m. **SESSION 2 – Time Series**

Chair: Carlos Carvalho, University of Texas, Austin

- Mark Jensen, Federal Reserve Bank of Atlanta, “[Semiparametric Asymmetric Stochastic Volatility.](#)”
- Christian Macaro, SAS Institute Inc., “[Bayesian Non-Parametric Signal Extraction for Gaussian Time Series \(with some recent extensions\).](#)”
- Jouchi Nakajima & Mike West, Duke University, “[Bayesian Analysis of Latent Threshold Dynamic Models.](#)”
- Sjoerd Van den Hauwe, Erasmus University, Rotterdam, “[An Alternative Bayesian Approach to Structural Breaks in Time Series Models.](#)”

4:45 – 5:00 p.m. **Refreshment Break**, 2nd Floor Break Area

5:00–6:30 p.m. **SESSION 3 – Bayesian Inference and Information: In Memory of Arnold Zellner**

Chair: Ehsan Soofi, University of Wisconsin-Milwaukee

- Nozer Singpurwalla, George Washington University, “[The Anatomy of Diagnostic and Threat Detection Tests.](#)”
- Xiao-Li Meng, Harvard University, “[How Informative is my Time Series?](#)”
- Dan Nicolae, University of Chicago, with Matthew Reimherr, “[An Information Perspective on Measuring Dependence.](#)”
- Herman K. van Dijk, Erasmus University, Rotterdam (Based on joint work with Arnold Zellner, T. Ando, N. Basturk, L. Hoogerheide), “[Direct and Indirect Monte Carlo Approaches for Bayesian Analysis of the Simultaneous Equations and Instrumental Variables Models: A Synthesis.](#)”

6:30 – 7:00 p.m. **Reception**, Anheuser-Busch Dining Hall

7:00 – 9:30 p.m. **DINNER and After Dinner Talks: In Memory of Arnold Zellner**, Anheuser-Busch Dining Hall

- Jim Berger, Duke University
- Xiao-Li Meng, Harvard University
- Herman van Dijk, Erasmus University, Rotterdam
- Mike West, Duke University

Saturday, April 30 - Knight Center, Room 200

6:30 – 8:30 a.m. **BREAKFAST**, 2nd Floor Break Area

8:30 – 10:00 a.m. **SESSION 4 – Computation and Methodology**

Chair: Edward Greenberg, Washington University in St. Louis

- Martin Burda, University of Toronto, “Bayesian Adaptive quasi-Hamiltonian Monte Carlo with an Application to High-Dimensional BEKK GARCH Models.”
- Richard Carter, University of Western Ontario and University of Calgary, “**Is Your Proper Prior Too Informative?**”
- Hedibert Lopes, University of Chicago, “**Particle Learning for Fat-tailed Distributions.**”
- Daniel Zantedeschi, University of Texas, Austin, “**Direct Sampling.**”

10:00 – 10:15 a.m. **Refreshment Break**, 2nd Floor Break Area

10:15 – 11:45 a.m. **SESSION 5 – Networks**

Chair: Justin Tobias, Purdue University

- Angelo Mele, University of Illinois, Urbana-Champaign, “**A Structural Model of Segregation in Social Networks.**”
- Perla Reyes Cuellar, University of California, Santa Cruz, “**A Bayesian Nonparametric Approach to Modelling Multiple Networks.**”
- Hao Wang, University of South Carolina, “**The Bayesian Graphical Lasso.**”

11:45 – 1:00 p.m. **LUNCH**, Room 340

1:00-2:45 p.m. **SESSION 6 – Categorical Responses**

Chair: Christopher Hans, Ohio State University

- Lane Burgette, Duke University, “**Symmetric Bayesian Multinomial Probit Models.**”
- Sylvia Frühwirth-Schnatter, University of Linz, “**Logit, Probit, or Robit - Efficient Bayesian Inference Using Scale-Mixtures of Probit Models.**”
- Andriy Norets, Princeton University, “**Semiparametric Inference in Dynamic Binary Choice Models.**”
- Rémi Piatek, University of Chicago, “**Constructing Economically Justified Aggregates: An Application to the Early Origins of Health.**”
- Matt Taddy, University of Chicago, “**Inverse Regression for Analysis of Sentiment in Text.**”

2:45 – 3:00 p.m. **Refreshment Break**, 2nd Floor Break Area

3:00 – 4:30 p.m. **SESSION 7A – Regression – Room 200**

Chair: Ivan Jeliazkov, University of California, Irvine

- Carlos Carvalho, University of Texas, “On The Long Run Volatility of Stocks.”
- Marco Ferreira, University of Missouri, “Objective Bayesian Analysis for Exponential Power Regression Models.”
- Nan Lin, Washington University in St. Louis, “Model Selection in Binary and Tobit Quantile Regression Using the Gibbs Sampler.”
- Justinas Pelenis, Princeton University, “Bayesian Semiparametric Regression.”

3:00 – 4:30 p.m. **SESSION 7B – Macroeconomics – Room 211**

Chair: Susie Bayarri, University of Valencia

- Luigi Donayre, Indiana University, “The Role of Aggregation in the Nonlinear Relationship Between Monetary Policy and Output.”
- Alin Mirestean, Research Department, International Monetary Fund, “Limited Information Bayesian Model Averaging for Dynamic Panels with Short Time Periods.”
- Tim Salimans, Erasmus University, Rotterdam, “Variable Selection and Functional Form Uncertainty in Cross-Country Growth Regressions.”
- Liugang Sheng, University of California, Davis, “Did China Diversify Its Foreign Reserves?”