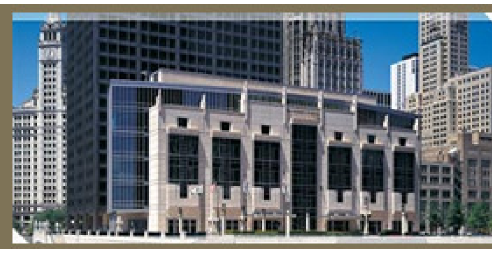
Seminar on

Bayesian Inference in Econometrics and Statistics

May 2-3, 2008



Program Overview/Outline

Friday, May 2	
1:30 p.m. - 2:45 p.m.	**Session 1** **Chair: Rob McCulloch** • Chris Strickland (Queensland University of Technology, Australia) Fast Bayesian Analysis of Dynamic Factor Models • Bill Mccausland (University of Montreal) The HESSIAN Method (Highly Efficient State Smoothing, In A Nutshell) • James Scott (Duke University) Nonparametric multiple hypothesis testing and clustering of autoregressive time series
2:45 p.m. - 3:00 p.m.	**Break**
3:00 p.m. - 4:15 p.m.	**Session 2** **Chair: Hedibert Lopes** • George Karabatsos (University of Illinois, Chicago) Modeling Heteroscedasticity In The Single-Index Model With The Dirichlet Process • Nozer Sinpurwalla (George Washington University) The Utility of Reliability and Survivability • Gabriel Huerta (University of New Mexico) Space-Time Analysis of Extreme Values
4:15 p.m. - 4:30 p.m.	**Break**
4:30 p.m. - 6:10 p.m.	**Session 3** **Chair: Dale Poirier** • Renna Jiang (University of Chicago, GSB) Bayesian Analysis of Random Coefficient Logit Models Using Aggregate Data • Martin Burda (University of Toronto) A Bayesian Mixed Logit-Probit Model for Multinomial Choice • Andriy Norets (Princeton University) Estimation of Dynamic Discrete Choice Models Using Artificial Neural Network Approximations • Herman Van Dijk (Econometric and Tinbergen Institutes) BAYESIAN MODEL AVERAGING IN VECTOR AUTOREGRESSIVE PROCESSES WITH AN INVESTIGATION OF STABILITY OF THE US GREAT-RATIOS AND RISK OF AN INTERNATIONAL LIQUIDITY TRAP
6:10 p.m. - 6:30 p.m.	**Break**
6:30 p.m. - 7:45 p.m.	**Session 4** **Chair: Ehsan Soofi** • Arnold Zellner (University of Chicago, GSB) A Direct Monte Carlo Approach for Bayesian Analysis of the Seemingly Unrelated Regression and Related Models • Jose Quintana (BEST, LLC) Futures Markets and Bayesian Forecasting • Xiao-Li Meng (Harvard University) TBA
8:00 p.m.	**Dinner**
Saturday, May 3	
8:30 a.m. - 10:10 a.m.	**Session 5** **Chair: Carlos Carvalho** • Sid Chib (Washington University) Calculating Causal Effects from Panel Data in Eligibility Designs

	• Ivan Jeliaskov (University of California, Irvine) Politics and Macroeconomic Performance in the United States: Cycles and Long-Run Outcomes • Shane Jensen (University of Pennsylvania, Wharton School) Bayesian Modeling of Changes in the Distribution of Income Volatility • Mario Peruggia (The Ohio State University) Bayesian Model Diagnostics Based on Artificial Autoregressive Errors
10:10 a.m. - 10:30 a.m.	**Break**
10:30 a.m. - 12:10 p.m.	**Session 6** **Chair: Nicholas Polson** • Michael Johannes (Columbia University) Exact sequential parameter learning and state filtering • Alan Bester (University of Chicago, GSB) TBA • Satadru Hore (University of Iowa) General Equilibrium Options Pricing under Recursive Preferences • Gianni Amisano (European Central Bank) A DSGE model of the term structure with regime shifts
12:10 p.m. - 1:30 p.m.	**Lunch**
1:30 p.m. - 2:45 p.m.	**Session 7** **Chair: Val Johnson** • Rong Chen (Rutgers University) Statistical inferences of diffusion process with Sequential Monte Carlo • Ruey Tsay (University of Chicago, GSB) • Jeff Gill (Washington University) Nonparametric Priors For Ordinal Bayesian Social Science Models: Specification and Estimation
2:45 p.m. - 3:00 p.m.	**Break**
3:00 p.m. - 4:15 p.m.	**Session 8** **Chair: Sid Chib** • Sylvia Fruehwirth-Schnatter (Johannes Kepler University, Austria) Stochastic Model Specification Search for Gaussian and Non-Gaussian State Space Models • Chris Hans (The Ohio State University) Bayesian Lasso Regression • Juan-Carlos Martinez-Ovando (University of Kent) On Nonparametric Modelling of Markov Processes