EFaB@Bayes250 Program
McClendon Auditorium, Duke Fuqua School of Business

Sunday 15th
08:15-17:00  Registration all day (Kirby Reading Room, Duke Fuqua School)
08:15-10:00  Start-the-day Refreshments (Kirby Reading Room, Duke Fuqua School)

10:00-11:50  EFaB Tutorial: Sequential Monte Carlo
Hedibert Lopes (University of Chicago)
Chair: Abel Rodriguez (UC Santa Cruz)

11:50-13:10  Lunch (R. David Thomas Center, Executive Dining Room)

13:10-15:00  EFaB Tutorial: Statistical Challenges in Web Recommender Systems
Deepak Agarwal (LinkedIn)
Chair: Abel Rodriguez (UC Santa Cruz)

15:00-15:30  Tea & Refreshments (Kirby Reading Room, Duke Fuqua School)

15:30-17:20  Applications in Econometrics and Finance:
1. Mark Jensen (Atlanta Federal Reserve)
   Mutual Fund Performance: Learning About the Generic Alpha
2. Toshiaki Watanabe (Hitotsubashi University)
   Bayesian Analysis of Multiple Structural Changes in ARFIMA Models with an Application to Realized Volatility
3. Robert Kohn (University of New South Wales)
   Importance Sampling Squared for Bayesian Inference in Latent Variable Models
Discussant: Marco Ferreira (University of Missouri, Columbia)
Chair: Mike West (Duke University)

17:30-24:00  Dinner– opportunity to explore local restaurants

Monday 16th
07:30-17:00  Registration all day (Kirby Reading Room, Duke Fuqua School)
07:30-10:00  Start-the-day Refreshments (Kirby Reading Room, Duke Fuqua School)

08:15-08:30  Welcome: James Siedow, Duke Vice-Provost for Research

08:30-10:20  Bayesian Models in Finance:
1. Nick Polson (Chicago Booth)
   Waiting Time Methods in Financial Econometrics
2. Sylvia Frühwirth-Schnatter (Vienna University of Economics & Business)
   Time-Varying Parameter Models Achieving Shrinkage and Variable Selection
3. Siddhartha Chib (Washington University)
   Estimating and Comparing Affine Term-Structure Models
Discussant: Carlos Carvalho (University of Texas, Austin)
Chair: David Banks (Duke University)
EFaB@Bayes250  Program (continued)
McClendon Auditorium, Duke Fuqua School of Business

**Monday 16th**

10:20-10:50  *Coffee & Refreshments* (*Kirby Reading Room, Duke Fuqua School*)

10:50-12:30  **New EFaB Researchers:**

1. Xia Wang (University of Cincinnati)
   *Investigating the Impact of Customer Stochasticity on Firm Price Discrimination Strategies Using a New Bayesian Mixture Scale Heterogeneity Model*

2. Juan Carlos Martínez-Ovando (Banco de México)
   *An extended time- and state-dependent price-setting model with stickiness*

3. Hongxia Yang (IBM Watson)
   *Dynamic Latent Class Model Averaging for Online Prediction*

4. Kyu Ho Kang (Korea University)
   *Forecasting the Term Structure of Interest Rates with Potentially Misspecified Models*

5. Jouchi Nakajima (Bank of Japan)
   *Bayesian Latent Threshold Dynamic Models: Identifying Conventional and Unconventional Monetary Policy Shocks*

Chair: Abel Rodriguez (UC Santa Cruz)

12:30-13:40  **Lunch** (*R. David Thomas Center, Executive Dining Room*)

13:40-15:30  **Bayesian Econometrics:**

1. Justin Tobias (Purdue University)
   *Priors and Posterior Computation in Linear Endogenous Variable Models with Imperfect Instruments*

2. Sylvia Kaufmann (Study Center Gerzensee, Switzerland)
   *Capturing Changing Dynamics at the Zero Lower Bound*

3. Marco del Negro (New York Federal Reserve)
   *Time-varying Prediction Pools: An Investigation of Financial Frictions and Forecasting Performance*

Discussant: Hao Wang (University of South Carolina)
Chair: Saki Kinney (National Institute of Statistical Sciences)

15:30-15:50  *Tea & Refreshments* (*Kirby Reading Room, Duke Fuqua School*)

15:50-17:40  **Bayesian Models in Business:**

1. Steve Scott (Google)
   *Consensus Monte Carlo, Bayes, and Big Data*

2. Fei Liu (Queens College, CUNY)
   *A Bayesian Markov-switching Model for Sparse Dynamic Network Estimation*

3. Greg Allenby (Ohio State University)
   *Latent Topic Modeling of Consumer Reviews: Linking Text Evaluations to Customer Satisfaction and Brands*

Discussant: Abel Rodriguez (UC Santa Cruz)
Chair: David Dunson (Duke University)

18:30-21:00  **Reception & Poster Sessions** (*Winter Garden, Duke Fuqua School*)
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Bayes 250 Day ◇ Program

Gross Hall #107

Tuesday 17th  09:00-09:15  Professor Merlise Clyde, Chair, Statistical Science @ Duke University & President of ISBA

James Siedow, Duke Vice-Provost for Research

09:15-10:30  Stephen Stigler (University of Chicago)
A Posterior Estimate of Thomas Bayes, Conditional on Recently Discovered Evidence, with discussion by Laurie Patton, Dean of Trinity College of Arts and Sciences, Duke University

10:30-11:00  Coffee & Refreshments (Gross Hall Atrium)

11:00-12:00  Stephen Fienberg (Carnegie Mellon University)
Two Hundred Years after Bayes: The Neo-Bayesian Revival
Chair: Jim Berger (Duke University)

12:00-13:30  Lunch (R. David Thomas Center, Executive Dining Room)

13:30-14:30  Adrian Smith (University of London)
The Past 50 years of Bayes: a UK and European Perspective

14:30-15:30  Christopher Sims (Princeton University)
Limits to Probabilistic Inference
Chair: Mike West (Duke University)

15:30-16:00  Tea & Refreshments (Gross Hall Atrium)

16:00-17:00  Michael Jordan (University of California, Berkeley)
A Short History of Topic Models
Chair: David Dunson (Duke University)

17:45-18:45  Bayes 250 Cocktail Reception & Banquet
(Winter Garden & McClendon Dining Room, Duke Fuqua School)

Welcome: Richard H. Broadhead, President of Duke University
Awards: ISBA Awards announcements, Jim Berger & Mike West (Duke University)
Speaker: Sharon McGrayne
   How Bayesians became chic and fashionable
Introduction: Alan Gelfand (Duke University)

Reception & banquet music by the Pete Joyner Quartet