

Program

Wednesday, April 30, 2008

8:15 – 9:15 AM, Math Lounge, Room 3201
Registration and Continental Breakfast

9:20-9:30 AM, Math Colloquium Room, Math Building 3206

Welcoming Remarks by Dean Steve Halperin, College of Computer, Mathematical and Physical Sciences

Session 1: 9:30-11:30 AM, Math Colloquium Room, Math Building 3206

Chair: Galit Shmueli, University of Maryland, College Park

Speaker: Stephen E. Fienberg, Carnegie Mellon University

Topic: Bayesian Methods in Government and Public Policy Settings

Discussant: Alan M. Zaslavsky, Harvard University

Floor Discussions

Lunch Break: 11:30 AM – 1:00 PM

Session 2: 1:00-2:30 PM, Math Colloquium Room, Math Building 3206

Chair: Paul Smith, University of Maryland, College Park

Speaker: Snigdhanu Chatterjee, University of Minnesota

Topic: Parametric bootstrap: a way to combine Bayesian and frequentist ideas

Discussant: Thomas A. Louis, Johns Hopkins University

Floor Discussions

**Session 3: 3:15-5:30 PM, Statistics Consortium Distinguished Lectures
The Tyser Auditorium, Room 1212, Van Munching Hall (Business
School)**

Chair: Partha Lahiri, University of Maryland, College Park

Speaker: James O. Berger, Duke University

Topic: Objective Bayesian Methods for Frequentists

Speaker: J.N.K. Rao, Carleton University, Canada

Topic: Impact of Bayesian methods in Survey Sampling: an Appraisal

Discussant: Eric V. Slud, University of Maryland, College Park

Floor Discussions

Reception

5:30 – 7:00 PM

Executive Dining Room, 2517 Van Munching Hall (Business School)

Poster Session: 5:30-7:00 PM

Room: 2515 Van Munching Hall (Business School)

Poster Presenters:

Pablo Bonangelino, U.S. Food and Drug Administration

Bayesian Designs for Therapeutic Medical Device Trials at CDRH/FDA

N. Ganesh, National Opinion Research Center

A new class of average moment matching priors

Benmei Liu, University of Maryland, College Park and WESTAT

Hierarchical Bayes Modeling of Survey-Weighted Small Area Proportions

Donald Malec, U.S. Census Bureau

Applications of Bayesian Methods in Small Area Estimation.

Santanu Pramanik, University of Maryland, College Park

The Prior Selection and Approximations in a Hierarchical Bayes Approach: An Application to the Small Area Income and Poverty Estimation

Anindya Roy, University of Maryland at Baltimore County
Bayesian Nonparametric Approach to Multiple Testing

Yves Thibaudeau, U.S. Census Bureau
Using Laplace and Frequentist Variance Approximations for Poststratified Totals when Categorical Variables are Massively Missing

Blaza Toman, National Institute of Standards and Technology
Assessing Uncertainty in Measurement

Ma. Criselda Toto, Worcester Polytechnic Institute
Bayesian Benchmarking of the Finite Population Means of Small Areas

Xu (Sherry) Yan, U.S. Food and Drug Administration
A Bayesian Approach in a Randomized Study with an Additional Historical Control

Thursday, May 1, 2008

Registration and Continental Breakfast, 8:00 – 9:00 AM (Math Lounge)

Session 4: 9:00-10:30 AM, Math Colloquium Room, Math Building 3206

Chair: John Eltinge, U.S. Bureau of Labor Statistics

Speaker: Roderick J.A. Little, University of Michigan, Ann Arbor

Topic: Why Bayes, for statistics in general and missing data problems in particular?

Discussant: Nathaniel Schenker, National Center for Health Statistics

Floor Discussions

Coffee Break: 10:30-10:45 AM, Math Lounge

Session 5: 10:45 AM-12:15 PM, Math Colloquium Room, Math Building 3206

Chair: Francis Alt, University of Maryland, College Park

Speaker: Malay Ghosh, University of Florida, Gainesville

Topic: Objective priors: a selective review

Discussant: Sudip Bose, George Washington University

Floor Discussions

Lunch Break: 12:15 – 1:30 PM

Session 6: 1:30-3:00 PM, Math Colloquium Room, Math Building 3206

Chair: Partha Lahiri, University of Maryland, College Park

Speaker: Carl N. Morris, Harvard University

Topic: Adjustment for density maximization (ADM): approximating probability distributions

Discussant: Abram Kagan, University of Maryland, College Park

Floor Discussions

Concluding Remarks by Eric V. Slud: 3:00-3:05 PM