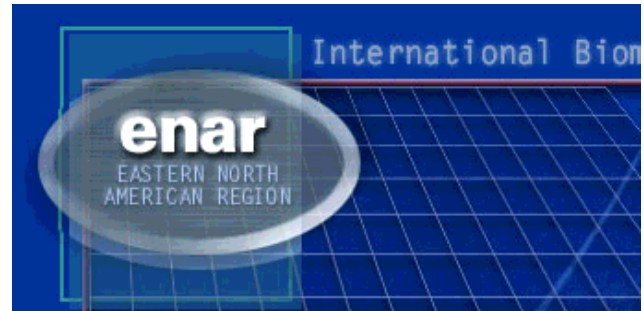


**IMS/ENAR
SPRING
REGIONAL
MEETING**

March 17-20, 2002
Washington, DC



The IMS Eastern Regional meeting will be held jointly with the spring meeting of the International Biometric Society, Eastern North American Region (ENAR) and sections of American Statistical Association (ASA) during March 17-20, 2002, in Washington DC area at Hyatt Crystal City, Arlington, Virginia.

Important Dates

Programs and Schedules

Call for Contributed Papers

Local Information

Registration and

Hotel Forms

Organizers

IMPORTANT DATES for IMS session organizers and speakers

- Nov 1 - nomination for a Student Award is due
- Nov 15 - abstracts (contributed and invited) due to ENAR online (IMS presenters check the IMS box under "Scheduling") -- *there is NO LONGER the need to submit abstracts to both ENAR and IMS as it was last year.*
- Dec 1 - applications for Workshop on Junior Researchers is due
- Jan/Feb - final program available
- Feb 10 - cutoff date for early bird registration fee
- Feb 22 - cutoff date for hotel registration

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PROGRAM

- IMS Special Invited Papers Session (1)
- IMS Invited Papers Sessions (8)

- IMS Contributed Papers Sessions (2)
 - ENAR Sessions Co-sponsored by IMS (3)

 - ENAR Sessions
 - Sections of ASA Sessions

 - IMS Abstracts and Session Schedules
-

IMS SPECIAL INVITED PAPER SESSION:

Chair/Introducer: Nozer D. Singpurwalla, George Washington University.

Speakers: 1. Rob Kass, Carnegie Mellon University

Title: Bayesian Curve-Fitting and Neuron Firing Patterns:
The Problem of Neural Coding From a Statistician's Perspective

2. Robert L Wolpert, Duke University

Title : L'evy Random Fields and Statistical Inverse Problems

IMS INVITED PAPER SESSIONS:

Session 1: Clustering and Mixture Modeling Applications

Organizer and Chair: David W. Scott, Rice University

Speakers: 1. Bruce Lindsay, Penn State University

Co-author: Changxuan Mao, Penn State U.

Title: Heterogeneity in population size models

2. Carey Priebe, The Johns Hopkins University

Title: Class Cover Catch Digraphs for Latent Class

Discovery in Gene Expression Monitoring

3. Guenther Walther, Stanford University

Title: Mixture Analysis for Flow Cytometry

Discussant: David Scott, Rice University

Session 2: Recent Advances in Dimension Reduction for Regression

Organizer: Dennis Cook, University of Minnesota

Chair: Efstathia Bura, George Washington University

Speakers: 1. Dennis Cook, University of Minnesota

Title: Overview of Dimension Reduction Ideas and Methods for Regression

2. Bing Li, Penn State University

Title: Statistical Inference for the Central Mean Space

3. Francesca Chiaromonte, Penn State University

Title: Extending Dimension Reduction to Regressions with Categorical Predictors

Session 3: Semiparametric models in survival analysis

Organizer and Chair: Zhiliang Ying, Columbia University

Speakers: 1. Alex Tsodikov, University of Utah

Title: A generalized self-consistency approach to semiparametric survival models

2. Jason Fine, University of Wisconsin

Title: Comparing non-nested Cox models

3. Kani Chen, Hong Kong University of Science and Technology

Title: Semiparametric analysis of transformation models

Session 4: Some Recent Developments and Applications of Random Partition Distributions

Organizer and Chair: Hemant Ishwaran, Cleveland Clinic Foundation

Speakers: 1. Simon Tavaré, University of Southern California

Title: Poisson-Dirichlet approximations for random permutations:
a tale of three couplings

2. Fred M. Hoppe, McMaster University

Title: Continuous time processes, Bayesian models, and partition structures

3. Lancelot F. James, Johns Hopkins University

Title: Random partition structures and Bayesian models

Session 5: Applications of Function Estimation

Organizer and Chair: Catherine Loader, Bell Lab, Lucent

Speakers: 1. Colin Wu, Johns Hopkins University

Title: Covariate centering and scaling in varying-coefficient models
with repeated measurements

2. Lyndia C. Brumback and Mary J. Lindstrom, U of Wisconsin

Title: Self-modeling with flexible, random time transformations

3. Jianqing Fan and Run-Ze Li, UNC and Penn State U

Title: Variable selection for Cox's proportional hazards model and frailty model

Session 6: Monte Carlo In Action

Organizer: Jun Liu, Harvard University

Chair: Scott Schmidler, Duke University

(ENAR co-sponsors this IMS session)

Speakers: 1. Rong Chen, The University of Illinois at Chicago

Title: Advance Sequential Monte Carlo and their Applications
in Nonlinear/Non-Gaussian Dynamic Systems

2. John Huelsenbeck, University of Rochester

Title: Bayesian inference of phylogeny using Markov chain Monte Carlo

3. Matthew Stephens, University of Washington

Title: The haplotyping problem - a Bayesian method

Session 7: New Software

Organizer and Chair: Heping Zhang, Yale University

Chair: Hongtu Zhu, Yale University

Speakers: 1. Catherine Loader, Bell Lab, Lucent

Title: Simultaneous Confidence Bands

2. Jiayang Sun, Case Western Reserve University

Title: Interactive Projection Pursuit

3. Charles Kooperberg, Fred Hutchinson Cancer Research Center, Seattle WA

Co-author: Ingo Ruczinski, Johns Hopkins University

Title: Logic Regression

Session 8: Statistics in Brain Mapping

Organizer: Keith Worsley, McGill University

Chair: Nidhan Choudhuri, Case Western Reserve University

Speakers: 1. Moo K. Chung, McGill University

Title: Statistical morphometry in neuroanatomy

2. Chris Genovese, Carnegie Mellon University

Title: Bayesian analysis of fMRI time series

3. Ziad S. Saad, NIMH

Title: Estimating the Variability of BOLD-FMRI Response Delays

IMS CONTRIBUTED PAPERS SESSIONS

Session 1: Images, Genetics and Statistical Methodology

Chair: Jun Zhu, University of Wisconsin

Speakers: 1. Yi Li, Harvard School of Public Health

Title: The Use of Frailty Hazard Models for Unrecognized Heterogeneity that Interacts with Treatment: Considerations of Efficiency and Power

2. Vera L. Bulaevskaya, University of Minnesota

Title: A Bayesian Approach to MRI Image Reconstruction

3. Jorg Rahnenfuhrer, Nebraska Informatics Center for the Life Sciences

Title: Robust Microarray Image Analysis Through Pixel Clustering

4. Samuel S. Wu, University of Florida

Title: A Multivalent Pairing Model of Linkage Analysis in Autotetraploids

Title: A General Class of Models for Recurrent Events

5. Song Yang, Texas Tech University

Title: Combining Asymptotically Normal Tests

2. John E Kolassa, Rutgers University

Title: Small Sample Confidence Regions for Exponential Families

Session 2: Statistical Designs and Models

Chair: Song Yang, Texas Tec. U.

Speakers: 1. Samad Hedayat, University of Illinois at Chicago

Title: Adding More Observations to Saturated D-optimal Resolution III Two-level Factorial Designs

2. Heng Li, University of Rochester

Title: Constrained Linear Group Symmetry Models

3. Edsel A Pena, University of South Carolina, Columbia

Title: A General Class of Models for Recurrent Events

Contributed Posters (will be combined with ENAR's)

Authors: 1. Jianwei Chen, University of North Carolina at Chapel Hill

Title: Nonparametric Modeling of Auxiliary Covariate Data in the Generalized Linear

Title: Nonparametric Modeling of Auxiliary Covariate Data in the Generalized Linear Mixed Models

ENAR Sessions Co-sponsored by IMS

- *Session 1: The Use of Hypotheses in Genetic Epidemiology*
Organizer: Kathryn Roeder, CMU
- *Session 2: Statistical Applications with Microarray Data*
Organizer: Wei Pan, University of Minnesota
- *Session 3: Semiparametric Mixed Effects Regression Models*
Organizer: Paul Rathouz, University of Chicago

See abstracts here -- start from the 2nd page

ENAR SESSIONS

- See ENAR Meetings Webpage

Section of ASA Sessions

- See ENAR Meetings Webpage

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ABSTRACTS

All contributed papers will be accepted. The IMS contributed abstract deadline is **November 15, 2001**.

Regular contributed paper presentations are 15 minute presentations. The *title* of the contributed paper with speakers' *names, affiliations, addresses, telephone numbers, fax numbers and email addresses* along with the *abstract* must be submitted by November 15 to ENAR online (check IMS box there). You also need register for the conference when submitting your abstract. Abstracts must be less than 150 words.

Topic contributed sessions are welcome; the abstracts are subject to the same submission requirement and deadline. In addition, topic contributed session organizers must send the IMS contributed papers chair, Nidhan Choudhuri, the information of a session title, organizer and affiliation, and a list of speakers and their affiliations, by the same deadline. Topic contributed presentations can be 20 minutes presentations.

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REGISTRATION AND HOTEL FORMS

- Online Abstract Form (**available until Nov. 15, 2001)
- Online Registration Form
- Downloadable Registration Form
- Hotel Reservation Form -- part of the Meeting Information Brochure from ENAR.

** IMS presenters check the IMS box under "Scheduling"

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Call for Contributed Papers:

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Organizers:

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Local Information:

Hyatt Crystal City is in Arlington, VA. It is adjacent to Washington National Airport, and on the southwest side of Potomac river from the center of Washington D.C, America's seat of government. It is close to all attractions in the capital city, such as, the Pentagon, Capitol, White House, Georgetown, Kennedy Center, Smithsonian and Old Town Alexandria.

" Arlington itself is an urban county of about 26 square miles. It has an interesting and unique history. Home to American Indian communities for more than 10,000 years, it was explored by English settlers in the early 1600s. Characterized as a highly-developed, densely-populated urban area, Arlington is still a county, with no incorporated cities or towns within its boundaries."

For more information, check Hirst's description or Information from Yahoo or contact IMS and ENAR local arrangement chairs.

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Jiayang Sun

Oct 1, 2001