

May 2009

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IMS Elections under way

Elections are taking place for IMS Council members and the next IMS President-Elect. By the time you read this, if you are an IMS member, you should have received your voting information by email, and a postcard is on its way to you. IMS members have until **June 19, 2009** to vote, either electronically or by paper ballot. We encourage online voting, but if you prefer a paper ballot, please contact Elyse Gustafson, IMS Executive Director, erg@imstat.org.

The ten candidates for Council, from whom five will be elected, are listed, along with the President-Elect candidate, on pages 7–11.

Details of the election process can be found on the main elections page at <http://imstat.org/elections>.



*by June 19

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IMS members' news

Peter Bickel awarded Rao Prize

The Department of Statistics at Penn State University is holding a one-day conference on Friday, May 22, 2009. The centerpoint of the conference is the award of the 2009 Rao Prize to Professor **Peter J. Bickel** of the University of California, Berkeley. The prize was established by C.R. and Bhargavi Rao to honor and recognize outstanding and influential innovations in the theory and practice of mathematical statistics, international leadership in directing statistics research, and pioneering contributions by a recognized leader in the field of statistics. See the meeting announcement on page 21 for details about the conference.



Peter J. Bickel

Jack Good: 1916–2009

Distinguished Professor Emeritus of Virginia Tech, Irving John “Jack” Good has died, on April 5, 2009, aged 92. Good, an IMS Fellow elected in 1958, was one of the founders of modern Bayesian inference and a member of the World War II code-breaking team at Bletchley Park in England. An obituary will follow.

David L. DeMets named Zelen Leadership Award Recipient

The Department of Biostatistics at the Harvard School of Public Health has named **David L. DeMets** recipient of the 2009 Marvin Zelen Leadership Award in Statistical Science. Dr DeMets is Professor and Chair of the Department of Biostatistics & Medical Informatics at the University of Wisconsin–Madison. He will deliver a lecture entitled *Challenges in Clinical Trials; Some Old and Some New*, on May 29, 2009 at Harvard University.

This annual award, supported by colleagues, friends and family, was established to honor Dr. Marvin Zelen’s long and distinguished career as a statistician and his major role in shaping the field of biostatistics.

The award recognizes an individual in government, industry, or academia, who by virtue of his/her outstanding leadership has greatly impacted the theory and practice of statistical science. While individual accomplishments are considered, the most distinguishing criterion is the awardee’s contribution to the creation of an environment in which statistical science and its applications have flourished. The award recipient will deliver a public lecture on statistical science at the Harvard School of Public Health and will be presented with a citation and an honorarium.

Nominate now for next year’s award:

Nominations for next year’s award should be sent to the *Marvin Zelen Leadership Award Committee, Department of Biostatistics, Harvard School of Public Health, 655 Huntington Avenue, Boston, MA 02115*.

Nominations should include a letter describing the contributions of the candidate, specifically highlighting the criteria for the award, and a curriculum vita. Supporting letters and materials would be extremely helpful to the committee.

All nominations must be received by **November 1, 2009**.



Marvin Zelen

IMS members' news

Richard Durrett to give 2009 Karl Menger Lecture

The Department of Applied Mathematics at Illinois Institute of Technology (IIT) has invited Professor Rick Durrett of Cornell University to give the 2009 Karl Menger Lecture, "*Truth Is Stranger than Fiction: A Look at Some Improbabilities*". The lecture is part of a two-day event held in April to honor Professor Karl Menger, who is considered one of the finest mathematicians of the twentieth century, and was a professor at IIT from 1946 to 1971. For more information about the event and Professor Menger, please see the webpage <http://www.iit.edu/csl/am/about/menger/index.shtml>.

Annals of Statistics Editors

Peter Bühlmann and T. Tony Cai will serve as the next co-editors of the *Annals of Statistics*, starting a three-year term from January 1, 2010 to December 31, 2012. They will take over from Susan Murphy and Bernard Silverman.



Tony Cai



Peter Bühlmann

IMS Collections volume 4 released

A Festschrift for Thomas G. Kurtz, entitled *Markov Processes and Related Topics*, edited by Stewart N. Ethier, Jin Feng and Richard H. Stockbridge, has been published by IMS. This fourth volume in the *Collections* series is available to IMS members at \$65 (non-members \$108). Order online at <https://www.imstat.org/secure/orders/imsbooks.html> or contact the Dues and Subscriptions Office to obtain your copy.



Tom Kurtz



If you are an IMS member with child-care responsibilities, and you're coming to the Joint Statistical Meetings in Washington DC, where this year's IMS meeting will take place, you are entitled to apply to the IMS Child Care Initiative. The IMS will reimburse members up to 80% of the costs of privately-arranged child care at the IMS Annual Meeting. See <http://imstat.org/meetings/childcare.htm> for details. Deadline: June 1.

IMS Editors

IMS Journals and Publications

Annals of Statistics: Susan Murphy & Bernard Silverman
<http://imstat.org/aos>

Annals of Applied Statistics: Bradley Efron, Stephen Fienberg, Michael Newton & Michael Stein
<http://imstat.org/aoas>

Annals of Probability: Ofer Zeitouni
<http://imstat.org/aop>

Annals of Applied Probability: Yuval Peres
<http://imstat.org/aap>

Statistical Science: David Madigan
<http://imstat.org/sts>

IMS Lecture Notes – Monograph Series: Anirban DasGupta
<http://imstat.org/publications/lecnotes.htm>

IMS Collections: Anirban DasGupta
<http://imstat.org/publications/imscollections.htm>

NSF-CBMS Regional Conference Series in Probability and Statistics:
<http://imstat.org/publications/nsf.htm>

IMS Co-sponsored Journals and Publications

Electronic Journal of Statistics: Larry Wasserman
<http://imstat.org/ejs>

Electronic Journal of Probability: Bálint Tóth
<http://www.math.washington.edu/~ejpecp>

Electronic Communications in Probability:
Timo Seppäläinen
<http://www.math.washington.edu/~ejpecp/ECP/index.php>

Current Index to Statistics: George Styan
<http://www.statindex.org>

Journal of Computational and Graphical Statistics:
David van Dyk
<http://www.imstat.org/publications/jcgs>

Statistics Surveys: Jon Wellner
<http://imstat.org/ss>

Probability Surveys: Geoffrey Grimmett
<http://imstat.org/ps>

IMS Supported Journals

Annales de l'Institut Henri Poincaré (B): Alice Guionnet
<http://imstat.org/aihp>

Bayesian Analysis: Brad Carlin
<http://ba.stat.cmu.edu>

Bernoulli: Holger Rootzén
<http://isi.cbs.nl/bernoulli>

Brazilian Journal of Probability and Statistics: Silvia Ferrari
<http://imstat.org/bjps>

IMS Affiliated Journals

ALEA: Latin American Journal of Probability and Statistics:
Claudio Landim
<http://alea.impa.br/english>

Probability and Mathematical Statistics: W. Szczotka,
A. Weron & W.A. Woyczyński
<http://www.math.uni.wroc.pl/~pms>

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Statistics Surveys reaches two year mark

Jon A. Wellner is the IMS Executive Editor of *Statistics Surveys*, and Wendy Martinez is its Coordinating Editor. They write:

Statistics Surveys, an online survey journal published by the IMS, the ASA, the Bernoulli Society, and the Statistical Society of Canada, has now been publishing surveys of topics in statistics for two years. The IMS is proud to be one of the sponsoring societies for this innovative, open-access and peer-reviewed journal that publishes survey and review articles on topics in theoretical, computational, and applied statistics.

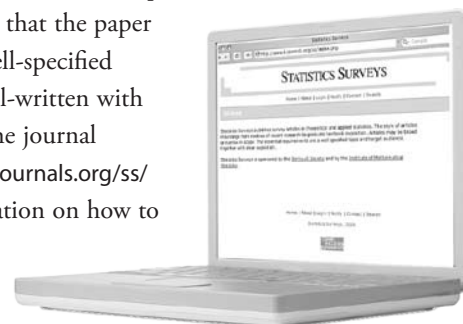
We published two articles in our start-up year, 2007: one by Elizabeth Thompson on statistical genetics, and another on wavelet methods by Anestis Antoniadis. Six articles appeared in year two. The papers were on the following topics: financial econometrics, by Zhibiao Zhao; analysis of SNP's for genomic associations, by Yulan Liang and Arpad Kelemen; least angle and L_1 penalized regression, by Tim Hesterberg, Nam Hee Choi, Lukas Meier and Chris Fraley; text data mining, by Jeffrey Solka; sparse sampling designs for monitoring stream networks, by M. J. Dobbie, B. L. Henderson and D. L. Stevens; and testing polynomial covariate effects in linear and generalized linear mixed models, by M. Huang and D. Zhang.

There are some interesting papers coming soon. These include one on random forests by David Siroky; statistical models and likelihood by Daniel Commenges; nonregular factorial design by Hongquan Xu, Frederick Phoa, and Weng Wong; and distributional properties of means of random probability measures by Antonio Lijoi and Igor Pruenster. We are especially excited about an upcoming invited paper on causal inference by Judea Pearl.

We welcome new submissions for 2009 and would like to encourage all IMS members to consider contributing review papers for *Statistics Surveys*.

Have you carried out background research for a project? Or have you written an overview of a statistical topic that needs to be published or updated (for example, an encyclopedia type article)? Or have you just finished a book on a statistical topic and have review material that did not quite fit in the context of the published book? Or are you a doctoral candidate who has completed a major literature review as a part of your dissertation research? If any of these fits you, then please consider turning your body of knowledge into a review article and submitting it to the online journal *Statistics Surveys*. You can also contact any of the Associate Editors listed at <http://www.i-journals.org/ss/editors.php> concerning potential submissions.

Papers can emphasize theory or they can be computational in nature. The style may range from reviews of recent research areas or older well-established statistical topics. The two main requirements are that the paper be an overview of a well-specified topic and that it is well-written with clear exposition. See the journal website (<http://www.i-journals.org/ss/index.php>) for information on how to submit articles and to read the current issue of the journal.



Abel Prize 2009... and 2010

The Norwegian Academy of Science and Letters has decided to award the Abel Prize for 2009 to Mikhail Leonidovich Gromov, Institut des Hautes Études Scientifiques, Bures-sur-Yvette, France, for his revolutionary contributions to geometry. Gromov will receive the prize from His Majesty King Harald at an award ceremony in Oslo on May 19. The Abel Prize recognizes contributions of extraordinary depth and influence to the mathematical sciences and has been awarded annually since 2003. It carries a cash award of NOK 6,000,000 (about €700,000, US\$950,000). For more information about the laureate, visit the Abel Prize website: www.abelprisen.no/en/

Nominations accepted now for the 2010 Abel Prize

The Abel Prize is an international prize for outstanding scientific work in the field of mathematics, including mathematical aspects of computer science, mathematical physics, probability, numerical analysis and scientific computing, statistics, and also applications of mathematics in the sciences. The prize is meant to recognize contributions of extraordinary depth and influence to the mathematical sciences. Such work may have resolved fundamental problems, created powerful new techniques, introduced unifying principles or opened up major new fields of research. Anyone can nominate. The prize can be awarded to a single person or shared for closely related fundamental contributions. You have until mid-September to make your nomination: see <http://www.abelprisen.no/en/abelprisen/retningslinjer.html> for more information.



Members' Discoveries: Mathias Drton

Publication: 'Likelihood ratio tests and singularities' by Mathias Drton

Journal: *The Annals of Statistics*, Volume 37, Number 2 (2009), 979–1012

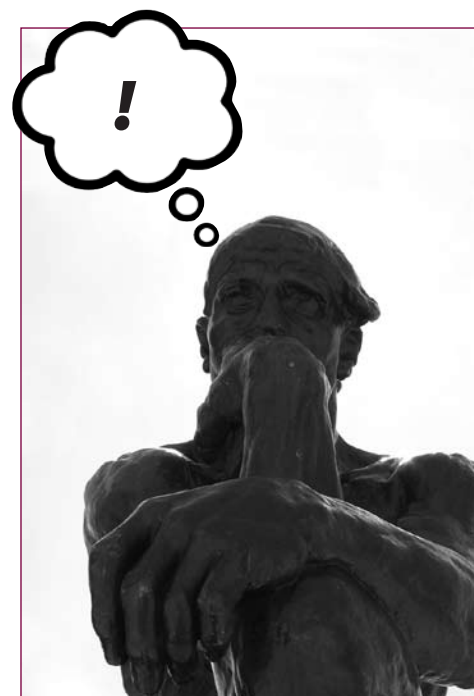
On the surface, the paper treats the large-sample behavior of the likelihood ratio test in a very traditional scenario. The observations are independent and identically distributed random variables with a distribution in a multi-parameter statistical model. This parametric model is assumed to be well-behaved. For instance, it may be a regular exponential family, such as the family of all multivariate normal distributions or the interior of a probability simplex if all variables are categorical. This framework ensures that when testing a hypothesis about the parameter vector the asymptotic distribution theory for the likelihood ratio statistic is entirely determined by the geometry of the hypothesis.

Interesting findings are given in the paper when the hypotheses correspond to semi-algebraic sets of parameter vectors, that is, when the parameter vector is constrained by polynomial equations and/or inequalities. The motivation for considering this setup stems from multivariate statistics, where factor analysis, structural equation models, latent class and many other hidden variable models have semi-algebraic parameter spaces. The hypotheses given by hidden variable models typically do not obey the geometric smoothness conditions needed for the likelihood ratio statistic to admit the usual chi-square limit at every null distribution. Instead they contain singular points at which entirely different distributions arise.

That the geometry of a hypothesis determines the large-sample behavior of the likelihood ratio statistic in well-behaved parametric models has long been known. In a 1954 paper, Herman Chernoff showed that the limiting distribution is given by

the squared distance between a multivariate normal random vector and a cone that approximates the hypothesis locally at the true parameter point. This result requires such an approximating cone to exist, in which case the hypothesis is said to be Chernoff-regular at the considered point. Subsequent literature, including a 1994 paper by Charlie Geyer, connects the notion of Chernoff-regularity to properties of tangent cones. The tangent cone of a set comprises rays that emanate from a designated point and are tangent to the set. While published examples show that Chernoff-regularity is a weak condition, the literature offers few general results about classes of Chernoff-regular sets. The main observation of the new paper is that "curve selection lemmas" from algebraic geometry imply that semi-algebraic sets are everywhere Chernoff-regular. Hence, in the semi-algebraic case, the limiting distribution of the likelihood ratio statistic always exists.

Chernoff's theorem meshes with the standard chi-square theory because at a non-singular point the tangent cone is a linear space, and squared distances between normal random vectors and linear spaces are chi-square distributed. At singularities, however, the set cannot be approximated by a linear space, so other limiting distributions arise. These distributions can be quite arbitrary and, in particular, need not be mixtures of chi-square distributions, which arise in many boundary point problems. The paper illustrates this by means of a thorough study of the factor analysis model with one factor. Despite its seemingly simple nature, the model leads to three different types of limiting distributions for



Discovered something interesting?

We welcome IMS members' short news items regarding their discoveries, through publication or invention. The *Bulletin* will publish selected items to share the discoveries. These items can be as short as just one or two paragraphs, and are subject to editing.

the likelihood ratio. The paper uses implicit representations in terms of polynomial (in)equalities and demonstrates that in hypothesis testing it is not the parameterization itself that is of importance but rather its image, which is in one-to-one correspondence with the hypothesized set of probability distributions.

Medallion lecture preview: George Casella



George Casella, Distinguished Professor in the Department of Statistics at the University of Florida, Gainesville, will be delivering one of the six IMS Medallion Lecture at the Joint Statistical Meetings in Washington DC. His lecture, titled “From R. A. Fisher to Microarrays: Why Seventy-Year-Old Theory is Relevant Today” will take place (provisionally) on Monday, August 3, from 8:30–10:20 am, according to the JSM preliminary program, at <http://www.amstat.org/meetings/jsm/2009/onlineprogram/index.cfm?fuseaction=main>. (The program is finalized mid-July, so you’ll be able to check back then for the room allocation).

Statistical design is one of the fundamentals of our subject, being at the core of the growth of statistics during the previous century. Design played a key role in agricultural statistics and set down principles of good practice—principles that still apply today. Statistical design is about understanding where the variance comes from, and making sure that is where the replication is. Indeed, it is probably correct to say that these principles are even more important today.

Fisher compared a dataset to a sample of gold ore. The finest analysis could only extract the proportion of gold contained in the ore. But a good design could produce a sample with more gold.

The theory and practice of design of experiments has its roots in agriculture (pun intended), with the major developments at Rothamsted by people such as Fisher and Yates. They developed the theory of blocking, components of variance (split plot designs) and incomplete block designs, among other things. Almost all of this theory is still relevant today, and translates almost seamlessly to modern applications such as microarray experiments.

My best advice for you is that, if you really want to understand statistical design, read (or, even better, re-read) Fisher. His ideas, especially about blocking, have greatly influenced my thinking.

Starting about 1986 I taught a course in “Applied Statistical Design” approximately once every two years. As I was in a college of agriculture, and the students were from all over the college, this truly was an applied course. However, they were very good students, so this was not a “cookbook” applied course. The fifteen years worth of notes that I developed, starting with field trials and ending with microarray loop designs, ended up as a textbook (*Statistical Design*, 2008, Springer-Verlag).

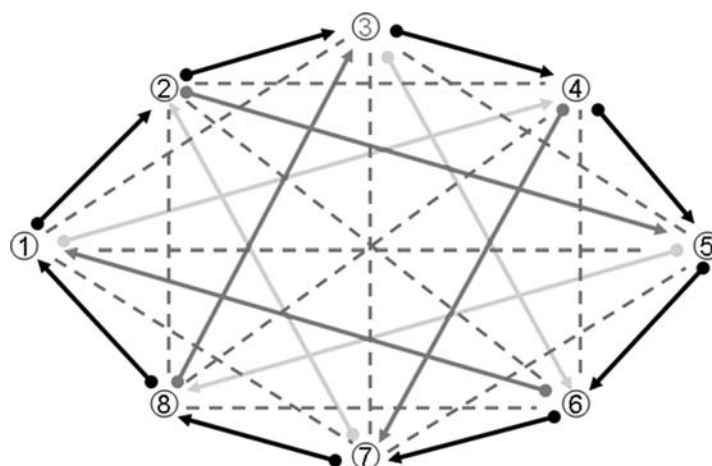
I have found that although the data and the lab techniques have changed, the statistical principles remain quite constant. In fact, what I perceived as a mishandling of the randomized complete block design was one of the driving forces behind writing a text. Fisher, of course, got it right.

There are many gray areas in design—when to pool, how to replicate, etc.—some of which cannot be fully answered with statistical fact. This is where we enter the realm of opinions, where

judgments are made more on anecdotal evidence and experience rather than formal calculations. After doing this stuff for over twenty years, opinions form about how to do things. The purpose of this talk is to share some of these thoughts.

So, we will review these designs and their applications today, pointing out how the seventy-year-old theory guides us to good microarray designs. The easy availability of computer packages, and their default analyses, can often result in incorrect test statistics and confidence intervals. We show how to recognize and avoid this, and look at a number of examples of both good and bad experiments. We also look at some of the designs that have arisen as a result of microarrays (reference and loops – see the figure below) and see what the seventy-year-old theory has to say.

There is nothing new in this talk, and probably nothing that you have not seen before. However, I hope to remind you of some things that you may have forgotten.



Graphical display of a loop design and balanced incomplete block design (BIBD) for a microarray experiment on eight different tissues from *Persea americana*, or avocado. The outer black arrows are a loop design, the outer black arrows plus the pale and dark gray arrows are the design actually performed (an augmented loop), and all arrows plus the gray dotted lines are a BIBD. The point of the arrow represents Cy5 (red dye) and the base of the arrow represents Cy3 (green dye).

IMS Elections 2009: *Candidates' profiles*

Candidate for IMS President-Elect

There is one nominee (you can nominate another IMS member when you vote). The elected candidate will serve three years on the Executive Committee, as President-Elect, President and Past-President, starting August 2009

Peter Hall

Professor of Statistics, Department of Mathematics and Statistics, University of Melbourne; and Professor of Statistics, Department of Statistics, UC Davis (fractional appointment)

Web: http://www.ms.unimelb.edu.au/Personnel/profile.php?PC_id=308 and <http://www-stat.ucdavis.edu/~peterh/>

Education: BSc (University of Sydney; 1974); MSc (Australian National University; 1976); DPhil (Oxford University; 1976)

Research interests: Probability, particularly distribution approximations; Statistics, particularly nonparametric statistics and applications in the physical and engineering sciences

Previous IMS responsibilities/positions:

Three terms on IMS Council; IMS Fellows Committee; IMS Committee on Special Lectures; Chair, Program Committee, IMS Annual Meeting in Gothenburg; Editorial board of the Annals



of Probability, 1982–1990; and Editorial Board of the Annals of Statistics, 1982–present.

Brief statement:

The challenges facing the IMS are altering even as I write this. To take just one example, the downturn in the global economy will affect substantially the employment prospects of statistics graduates, as employers in business, industry, government and universities attempt to come to terms with a vastly changed trading and funding environment. Another instance of the problem is the situation of IMS's own finances, which are not immune from the current adverse economic conditions. Indeed, the IMS shares this challenge with professional societies and scientific institutions across the globe, which are moving to reposition their investments. The IMS must continue to serve the profession with energy and dedication, for example through its commitments to the probability and statistics community and to scholarly publication, but in a vastly changed economic climate.

Candidates for IMS Council

There are ten nominees: five will be elected to serve three-year terms on the Council from August 2009 to August 2012

Marie Davidian

William Neal Reynolds Professor of Statistics, Department of Statistics, North Carolina State University

Web: <http://www4.stat.ncsu.edu/~davidian>

Education:

PhD, 1987, University of North Carolina at Chapel Hill; MS, 1981, University of Virginia; BS, 1980, University of Virginia

Research interests:

Longitudinal data analysis; Methods for analysis with missing and mismeasured data; Statistical methods for clinical trials and observational studies; Pharmacokinetic-pharmacodynamic analysis

Previous service to the profession:

Member, Program Committee, 30th Annual Conference of the International Society of Clinical Biostatistics, 2009; Chair, Wilks Medal Committee, American Statistical Association, 2007 (Member 2003–2006); Executive Editor, *Biometrics*, 2006–2011; Chair, Committee on Nominations, American Statistical Association,



2006 (Member 2007); Editorial Board, *ASA-SIAM Series on Statistics and Applied Probability*, 2006–2010; Chair, Biometrics Section, American Statistical Association, 2005; President, Eastern North American Region of the International Biometric Society (ENAR), 2004; Chair, Editorial Advisory Committee, International Biometric Society, 2004–2007; Associate Editor, *Statistica Sinica*, 2003–2005; Member, Mortimer Spiegelman Award Committee, American Public Health Association, 2003–2006, 2008; Member, Council, International Biometric Society, 2002–2009; Co-chair, Strategic Planning Committee, International Biometric Society, 2002–2005; Member, Program Committee, International Biometric Conference, 2002, 2004; Editorial Representative, Executive Committee, International Biometric Society, 2002–2003; Co-chair, Organizing Committee, Joint AMS-IMS-SIAM Summer Research Conference on “Emerging Issues in Longitudinal Data Analysis,” Mount Holyoke College, 2002; Co-organizer, Workshop for Junior Researchers, Eastern North American Region of the International Biometric Society (ENAR), 2001, 2002; Coordinating Editor, *Biometrics*, 2000–2002; Member, Program Committee, Eastern

Candidates' profiles continued

North American Region of the International Biometric Society (ENAR) Spring Meeting, 2000; Member, Regional Committee, Eastern North American Region of the International Biometric Society (ENAR), 1999–2001; Member, Nominating Committee, Institute of Mathematical Statistics, 1999; Program Chair, Eastern North American Region of the International Biometric Society (ENAR), Joint Statistical Meetings, 1998; Associate Editor, *Biometrics*, 1997–2000; Associate Editor, *Journal of the American Statistical Association*, 1995–2001; Program Chair, General Methodology Section, American Statistical Association, Joint Statistical Meetings, 1994

Brief statement:

With rapid advances taking place in all realms of science, our discipline is faced with both tremendous opportunities and challenges. Evolving applications and vast data resources are yielding exciting new areas for research, while activities that are essentially statistical are being “repackaged” by other disciplines. Having strong and outspoken professional societies promoting our discipline and its essential role in scientific discovery, public policy, and education is critical importance. The IMS has been proactive in this regard and has also been a leading advocate of open access to scholarly information. I will draw on my experience with the ASA and IBS, particularly in the area of publication, to work to enhance these efforts and to broaden connections between the IMS and other statistical societies toward the goals of promoting our field and shaping the landscape of scholarly publication internationally.

Kai-Tai Fang

Professor, BNU-HKBU United International College, China

Web: <http://www.math.hkbu.edu.hk/~ktfang/> and <http://uic.edu.hk/isci/>

Education:

Peking University, China, undergraduate study, 1957–1963; Institute of Mathematics, Academia Sinica, China, postgraduate study, 1963–1967

Research interests:

Distribution theory; Multivariate Analysis and Data Mining; Experimental design

Previous service to the profession:

Council Member, International Statistical Institute (1995–1999); Council Member, International Chinese Statistical Association (1990–1994); Associate Editor-in-chief, *Acta Math Applied Sinica*



(1985–1992); Associate Editor, *Statistics & Probability Letters* (1988–2005); Associate Editor, *Journal of Multivariate Analysis* (2002–2007); Associate Editor, *Statistica Sinica* (1993–1999, 2005–2008 and 2008–2012); Chairman, International Symposium on Multivariate Analysis and Its Applications, 1992 and 1997, Hong Kong; Chairman, 1999 Symposium on Theory of Uniform Design and Its Applications, Hong Kong; Co-chairman, The 4th Monte Carlo and Quasi-Monte Carlo Conference in Scientific Computing, 2000, Hong Kong; President, The Uniform Design Association of China (1994–2003); Member, IMS Fellows Committee (2007–2008)

Brief statement:

The Institute of Mathematical Statistics has increased its global activities in recent years. In Asia the IMS sponsored a number of large conferences and workshops, including ones in China (2008), Singapore (2008) and a forthcoming one in Korea (2009). The IT revolution has brought forth numerous challenging and complex statistical problems which create ample opportunities for collaboration and a need for team work. At the same time, the demand for statisticians has increased, creating a shortage of statisticians in Asia. This shortage especially of teaching faculty is felt in many universities in China. The IMS-sponsored events would play an important role in fostering international collaboration in research and education. The IMS should keep its momentum and broaden participation in these activities. With my perspective as an educator, researcher, and former Associate Director of the Institute for Applied Mathematics, Academia Sinica in China, I would work toward that goal while maintaining the high standards of the IMS.

Edward I. George

Universal Furniture Professor and Chairman
Department of Statistics, Wharton School,
University of Pennsylvania

Web: <http://www.wharton.upenn.edu/faculty/george.html>

Education:

PhD Stanford University 1981; MS SUNY at Stony Brook 1976; AB Cornell University 1972

Research interests:

Bayes/frequentist interface; Model uncertainty; Shrinkage estimation; Tree based modeling; Variable selection

Previous service to the profession:

Executive Editor, *Statistical Science* (2005–2007); Associate Editor,



JASA (1993–1999), *Biometrika* (1994–1999), *Bayesian Analysis*, (2004–), *Statistics Surveys* (2005–), *Statistical Science* (2008–); President, ISBA (2003); Chair, Committee on Nominations for IMS (1998), for ASA (2004), for ISBA (2004); DeGroot Prize Selection Committee (2001–2007); IMS Committee on Fellows (1996–1998); ISBA Board of Directors (1996–1999)

Brief statement:

The IMS plays a crucial role in advancing a worldwide environment for the development, dissemination and application of probability and statistics. It has done so brilliantly in these times of rapid change by its promotion of open access journal publication, by its creation of new journals and publications, by its vast organization of global and local conferences, and by its engagement of other scholarly societies through co-sponsorship and affiliation. We must continue to go forward with these and future opportunities that strengthen the vitality of our profession.

Davar Khoshnevisan

Professor

Department of Mathematics,
The University of Utah

Web: <http://www.math.utah.edu/~davar>

Education:

PhD [Statistics, 1989] UC Berkeley;
Combined MSc/BSc [Mathematical Sciences, 1984] The Johns Hopkins University

Research interests:

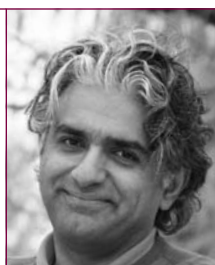
Probability theory and stochastic processes; Dimension estimation and geometric measure theory for high-dimensional data

Previous service to the profession:

Advisory-board member for “Sixth Conference on Lévy Processes and Their Applications” [2010]; Long-term member of the organizing committee for “Seminar on Stochastic Processes”; IMS Committee for the Selection of Special Invited Lectures [member 2001–2003, Chair 2003–2004]; Panel member for the NSF-funded workshop on “The Role of Probability in Scientific and Mathematical Research: A Workshop on Current and Emerging Research Opportunities” [2002]

Brief statement:

IMS has a long and distinguished history of promoting, as well as establishing criteria for, innovation and excellence in probability and statistics, together with their many applications to other



disciplines. IMS has also taken a leading role in widely distributing our research findings. I am fully supportive of these activities, and plan to help bolster them even further.

Per A. Mykland

Professor

Department of Statistics,
The University of Chicago

Web: <http://www.stat.uchicago.edu/~mykland/>

Education:

PhD 1989 UC Berkeley; M.Sc. 1984 University of Bergen, Norway

Research interests:

Time dependent data; asymptotics; likelihood theory; high frequency data; econometrics, finance; the interface between statistics and finance; survival analysis; probability theory

Previous service to the profession:

IMS council, fellowship committee, investment committee; AE for *Annals of Statistics*, *JRSS-B*, *Scandinavian Journal of Statistics*; NSF panels; organized or co-organized conferences on financial statistics in Chicago, Montreal and Florida; scientific director of the Stevanovich Center for Financial Mathematics at the University of Chicago

Brief statement:

The IMS plays an important role in our professional and personal lives, by running high quality journals and conferences, and by other initiatives. It is important to maintain these activities in the face of greater diversification of our field, and in the face of financial difficulties. We should be open to creative solutions and ways forward. Also, we are comparatively small group, and we should seek to maintain a friendly and supportive environment, so that Statistics, and the IMS in particular, can be both a stimulating and comfortable place.



Guy Nason

Professor of Statistics and Head of Department
Department of Mathematics,
University of Bristol, UK

Web: <http://www.stats.bris.ac.uk/~guy>

Education:

B.Sc. Statistics, 1988, University of Bath, UK; Dip. Math. Stat., 1989, University of Cambridge, UK; PhD



Candidates' profiles continued

1992, University of Bath, UK

Research interests:

Time Series Analysis; Multiscale methods in Statistics; Epidemiology

Previous service to the profession:

Royal Statistical Society: Council Member (2004–8); RSS Research Section Secretary (2002–4); Member (1996–9); RSS 2009 Conference Programme Chair; IMS: Presidential and Council Nominating Committee (2000–1); IMS: Electronic Issues Committee Member/Chair (2000–3); Associate Editor: *Computational Statistics* (1992–2002), *Statistica Sinica* (2002–4), *Journal of the RSS, Series B* (2000–2), *Biometrika* (2008–)

Brief statement:

Statistics is a wonderful discipline: from strong mathematical foundations it interacts with and contributes to an expanding number of exciting areas. The discipline is enriched and supported by the IMS: a friendly and worthy organization that excels in many domains. I would like to see the IMS continue to increase its reach, membership, and diversity, to work with other organizations and partners where advantageous, to provide its members with new and enhanced services whilst protecting existing ones, and always make good use of our resources.

Lea Popovic

Assistant Professor

Department of Mathematics and Statistics,
Concordia University

Web: www.mathstat.concordia.ca/faculty/lpopovic/index.html

Education:

Ph.D. in Statistics, University of California Berkeley, 2003; Hon. B.Sc. in Mathematics, University of Toronto, 1997

Research interests:

probability theory and its applications; stochastic models for population biology, evolution and cell biology; statistical inference for stochastic processes

Previous service to the profession:

CMS, Advancement of Mathematics Committee (2009–2011); Workshop organizer, IMA, BIRS, and Women in Probability (2008, 2010)

Brief statement:

The IMS plays a vital role in the professional development of



probabilists and statisticians alike. I would specifically like to help IMS connect research activities between the statistical and probability community through joint workshops and conferences; actively promote interactions with other disciplines where stochastic modeling and inference are important; and provide essential guidance and support for young researchers entering and pursuing our profession.

Robert Tibshirani

Professor

Departments of Health Research & Policy and
Statistics, Stanford University

Web: <http://www-stat.stanford.edu/~tibs/>

Education:

BMath Waterloo 1979; MSc Statistics
Toronto 1980; PhD statistics, Stanford 1984

Research interests:

Applied statistics; machine learning; genomics

Previous service to the profession:

Former IMS council member, Associate Editor for *Statistical Science*, *Annals of Statistics*, *Annals of Applied Statistics*. Member COPSS Presidents' awards committee



Brief statement:

Statistical science has never been more important to Science as a whole, as it is now. This has brought wonderful opportunities for Statisticians but also major challenges: (a) more and more Statistical work is being done by non-statisticians. It seems that anyone who can use Excel thinks they can do statistics. Partly as a result of this, much published statistical work is shoddy, irreproducible and sometimes just plain wrong. (b) Statisticians are sometimes viewed as people who argue amongst themselves, can't agree on any one answer to a problem, and can pretty much give you whatever answer you desire. As a profession we need to make our ideas and work more accessible and transparent to other scientists, and I want to work with the IMS council to figure out ways to achieve this.

Michael Titterton

Professor of Statistics, Department of Statistics,
University of Glasgow

Web: <http://www.stats.gla.ac.uk/~mike/>

Education:

BSc 1967, Edinburgh, UK; PhD 1972,
Cambridge, UK



Research interests:

Optimal design; Incomplete data including mixtures; Interface with machine learning; Statistical smoothing

Previous service to the profession:

Editor, *Biometrika* (1996–2007); Joint Editor, *JRSSB* (1985–89); Editorial Board, *Biometrika* (1978–85), *Annals of Statistics* (1983–85, 1995–96), *JASA* (1986–88, 1991–96), *Statistical Science* (1992–94), *IEEE Trans. PAMI* (1994–96); Member of various Committees of IMS (Nominating Committee, 1999, Editorial Search Committee, 2008–09, Committee on Fellows, 2009–), UK Research Assessment Panels (Chair, 1992, 1996) and the Royal Statistical Society (Council, President Nominating Committee, Research Section Committee); Co-organiser of about 15 conferences/workshops and Principal Organiser of six-month Research Programme at Isaac Newton Institute, Cambridge (2008).

Brief statement:

If elected to the Council I would do all that is required to support IMS publications in order to maintain or even enhance their current high quality and status. I would hope to contribute a helpful European/UK perspective within the Council and I would strongly encourage outreach to and interaction with important cognate communities, in particular researchers in machine learning, where much pioneering work of a statistical nature is currently being pursued.

Zhiliang Ying

Professor

Department of Statistics, Columbia University

Web: <http://www.stat.columbia.edu/fac-bios/ying/faculty.html>

Education:

BS (1982) Fudan University; MA (1984)

Columbia University; PhD (1987) Columbia University

Research interests:

Semiparametric methods; Survival analysis; Resampling methods; IRT models and educational statistics

Previous service to the profession:

Associate Editor, *Annals of Statistics*, 1998–2004; Associate Editor, *Biometrics*, 1997–2000; Associate Editor, *Lifetime Data Analysis*, 1996–2000; Associate Editor, *JASA*, 2005–2009; Associate Editor, *Statistica Sinica*, 1993–2008; Associate Editor, *Scandinavian J. Statistics*, 2009–; IMS New Researchers Committee, 1990–1993; IMS Program Chair, 2002 Joint Statistical Meetings, New York;

IMS Committee on Special Lectures 2002–2005; President, International Chinese Statistical Association (2003); Co-chair, 1997 ICSA Applied Statistics Symposium, New Jersey; Co-chair, 2000 ICSA Applied Statistics Symposium, New Jersey; Program Co-chair, Fourth ICSA International Conference, Kunming, China; Program Chair, Six ICSA International Conference, Singapore; Program Chair, Workshop on Semi-parametric Methods, Singapore; Co-chair, NSF-sponsored International Conference on Bioinformatics, Hangzhou, China, 2007; Co-chair, NSF-sponsored International Conference on Machine Learning, Beijing, China, 2008

Brief statement:

As an organization with diverse members from different parts of the world, the IMS is uniquely positioned to grow with major international presence. I would like to contribute to such outreaching efforts by working with statisticians around the world. I also believe the important role the IMS can play to facilitate interaction among statisticians of different backgrounds.

George Washington's statue stands in the rotunda beneath the US Capitol building's magnificently decorated dome: one of the sights to take in on a tour of Washington DC if you are coming to this year's JSM. The massive cast-iron dome of the United States Capitol building reaches upwards to 288 feet (88m) in height. The dome was designed by Thomas U. Walter, the fourth Architect of the Capitol, and constructed between 1855 and 1866 at a cost of \$1,047,291.



Terence's Stuff: *The Existentialist Statistician*

To adjust or not to adjust, that is the question. Whether 'tis nobler in the mind to suffer the slings and arrows of increased variability... Is Terry having a spot of existential angst?



One definition of existentialism refers to *the plight of the individual who must assume ultimate responsibility for acts of free will without any certain knowledge of what is right or wrong or good or bad*. Does this sound like you? It captures my feelings when I am making crucial design or analysis decisions. Most of us will have pondered at some time on the question of whether or not we should *match* in a case-control study, *stratify* in a survey, *block* or *balance* in an experiment. Similarly, the question of whether or not we should *adjust* a response for a covariate is likely to have arisen. Why might we do it? How do we decide? How would we do it? How can we tell whether our decision was right?

Like most things in statistics, the issues here are accuracy and/or precision—bias and/or variance, if you prefer. While we might take one of the actions above in the belief that we are reducing the bias or variance of the estimates of what matters to us, there's frequently an argument based on some theory that our actions might have the opposite effect. And here I do not mean the well-known bias–variance tradeoff. We can think we are reducing bias, yet we increase it. We can be aiming to reduce variance, but we might end up increasing it. And we may never know which it was in our particular case. Is this the reason many of us experience *existential angst*?

I used to think this condition could be remedied by referring to the masters or mistresses of our field. I would read what they had written, and wonder how they

would they have acted in my situation, and then proceed in that manner, to the best of my ability. In other words, I would try to learn from our literature. I'd seek guidelines, and then try to follow them. Fisher devised the analysis of covariance about 80 years ago, putting it into a new section, 49.1, in the fourth edition of *SMRW* in 1934. At the time, it probably seemed to be, and undoubtedly was, a significant advance in our subject, a synthesis of the analysis of variance and linear regression, which could deliver impressive gains in the precision of estimates of the quantities of interest from agricultural experiments. By the early 1950s, it was also being used to remove the effects of disturbing variables in observational studies, i.e. to reduce bias. But by then, it looked less straightforward than it had in 1934. A special issue of *Biometrics* (September 1957) was devoted to the analysis of covariance, to explain it all to the likes of me, and it was after reading that issue I realized I was not alone in needing help. Not everyone was using the technique with the wisdom of Fisher or Cochran. H. Fairfield Smith surveyed the uses of the technique, politely ridiculing some of the (now very familiar) practices and descriptions that had emerged by then, including the use of phrases such as “adjusting” or “correcting for,” “...is held constant,” “...differences due to the fact that...” In one of my favourite statistical remarks, he said of one analysis:

“Such inferences seem analogous to saying that the difference between observed heights of Mt. Everest and Pike's Peak is ‘due to’ air density and is ‘exaggerated’, implying that it is false, because the difference adjusted for correlation of altitude with atmospheric density would be negligible!”

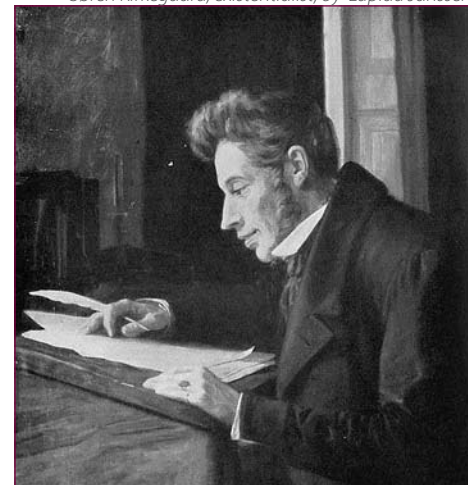
Notwithstanding the excellent articles in this special issue, the how, why, when and

where of analysis of covariance continued to challenge many, including me. Indeed, 25 years later (September 1982) *Biometrics* devoted a second special issue to the topic, despite, perhaps in part because of, the fact that in the intervening years it had all been folded into the general linear model.

What are the issues here, and are there simple guidelines? You can read the issue and decide. I used to think all was well when I was dealing with an experiment (observational studies are trickier), with a covariate measured before the treatments were applied (afterwards, it might be influenced by the treatment), when a scatter plot of the response against the covariate looked fine (linearity, no extrapolation needed, etc.), and all I wanted to do was increase precision. Not any more. David Freedman recently showed that within the Neyman model involving potential responses, almost anything can happen: bias, precision better, precision worse, etc.

More than 25 years have passed since that second special issue, and I still feel the need for guidelines. Perhaps there will be a third special issue one day. Meanwhile, I do think I've learned something along the way. In the words of one of existentialism's founders: *Livet skal forstaas baglaens, men leves forlaens*.

Søren Kirkegaard, existentialist, by Luplau Janssen



IMS meetings around the world

IMS sponsored meeting

JSM2009

August 1–6, 2009

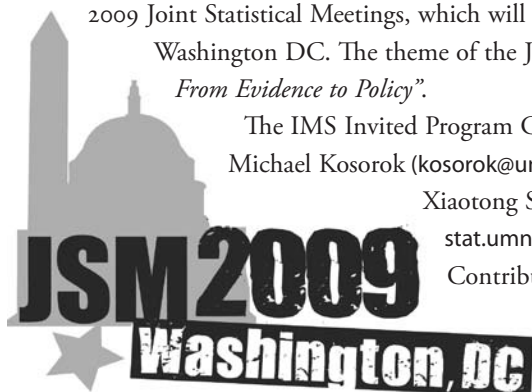
Washington DC

www.amstat.org/meetings/jsm/2009/

The next IMS Annual Meeting will take place as part of the 2009 Joint Statistical Meetings, which will be held in Washington DC. The theme of the JSM is “Statistics: From Evidence to Policy”.

The IMS Invited Program Chairs are Michael Kosorok (kosorok@unc.edu) and

Xiaotong Shen (xshen@stat.umn.edu). The IMS Contributed Program Chair is Ji Zhu (jizhu@umich.edu).



The Walter E. Washington Convention Center.

Important dates for JSM2009

Now: preliminary PDF program online
May 1: JSM registration and housing opens
June 29: Early Bird Registration deadline
June 30–July 16: Advance Registration (increased fees apply)
July 8: Hotel reservation deadline
July 13: Final program posted online

IMS co-sponsored meeting

Frontier of Statistical Decision Making and Bayesian Analysis: in honor of James O. Berger

March 17–20, 2010

University of Texas at San Antonio, Texas, USA

IMS Rep on Program Committees: Dipak K. Dey

<http://bergerconference2010.utsa.edu/>

Plenary session speakers: **Donald A. Berry**, The University of Texas MD Anderson Cancer Center; **Lawrence D. Brown**, University of Pennsylvania; **Persi Diaconis**, Stanford University; **Stephen Fienberg**, Carnegie Mellon University; **Alan E. Gelfand**, Duke University.

IMS co-sponsored meeting

2009 Spring Research Conference on Statistics in Industry and Technology

May 27–29, 2009

Vancouver, Canada

<http://www.stat.sfu.ca/~boxint/src2009/>

Please email questions to Boxin Tang boxint@stat.sfu.ca.

The goal of the conference is to promote cross-disciplinary research in statistical methods in engineering, science and technology. This covers a wide range of application areas including environment, information and manufacturing sciences. The conference will provide a forum where participants can describe current research, identify important problems and areas of application, and formulate future research directions.

Twelfth North American Meeting of New Researchers in Statistics and Probability July 28–31, 2009

Johns Hopkins University, Baltimore, MD

www.biostat.umn.edu/~tracyb/nrc.html

Tracy L Bergemann berge319@umn.edu

The application deadline has passed.

The New Researchers' Committee of the IMS is organizing a meeting of recent PhD recipients in statistics and probability, to promote interaction among new researchers primarily by introducing them to each other's research in an informal setting. The meeting is to be held prior to the 2009 JSM (see above). All participants give a short, expository talk or contribute a poster on their research.

IMS co-sponsored meeting

The 75th Anniversary of the Statistical Laboratory Conference

June 3–5, 2009

Iowa State University, Ames

IMS Rep to Program Committee:

Song X. Chen

<http://www.stat.iastate.edu/ISUStatistics75thAnniversary/>

At a glance: forthcoming IMS Annual Meeting and JSM dates

2009

IMS Annual Meeting

@ JSM: Washington DC, August 1–6, 2009

2010

JSM: Vancouver, Canada, July 31–August 5, 2010

IMS Annual Meeting:

Gothenburg, Sweden, August 9–13, 2010

2011

IMS Annual Meeting @

JSM: Miami Beach, FL, July 30–August 4, 2011

2012

JSM: San Diego, CA, July 28–August 2, 2012

IMS Annual Meeting

@ World Congress: İstanbul, Turkey, Date TBA

2013

IMS Annual Meeting

@ JSM: Montréal, Canada, August 3–8, 2013

More IMS meetings around the world

IMS co-sponsored meeting

Fifth Cornell Probability Summer School

July 6–17, 2009

Cornell University, Ithaca NY

[w](http://www.math.cornell.edu/~durrett/CPSS2009/) <http://www.math.cornell.edu/~durrett/CPSS2009/>

The Fifth Cornell Probability Summer School will feature six lecture series by **Ander Holroyd**, “*Matching, coupling, and point processes*”; **Robin Pemantle**, “*Probability from generating functions*”; and **Yuval Peres**, “*Aspects of Markov chains*”. Co-starring will be **Rick Kenyon**, **Scott Sheffield**, and **Balint Virag**, who will each give two lectures.

The conference web page has more information, and a registration form for people who would like to participate. All accepted participants will have their dorm room paid for. US participants can apply for **support for travel** and \$200 toward the cost of meals. This meeting is supported by a Research Training Group grant from the National Science Foundation to the probability group at Cornell.

An extra incentive for attending this year’s summer school is that the INFORMS Applied Probability Society Conference will be held in Ithaca from July 12–15, 2009.

IMS co-sponsored meeting

Sixth Cornell Probability Summer School

July 18–31, 2010. Ithaca, NY

IMS co-sponsored meeting

Seventh Cornell Probability Summer School

Dates TBA, July 2011. Ithaca, NY

IMS co-sponsored meeting

2010 ENAR/IMS Spring Meetings

March 21–24, 2010

Hyatt Regency New Orleans, New Orleans, LA

IMS Program Chairs: Marie Davidian and Hao Helen Zhang

[w](http://www.enar.org/meetings.cfm) <http://www.enar.org/meetings.cfm>

IMS co-sponsored meeting:

IMS Asia Pacific Rim Meeting

June 28 – July 1, 2009. Seoul, Korea

[w](http://ims-aprm.org/) <http://ims-aprm.org/>

The first IMS Asia Pacific Rim Meetings will take place in Seoul, Korea during the period June 28–July 1, 2009. The new meeting series will provide an excellent forum for scientific communications and collaborations for researchers in Asia and the Pacific Rim. It will also promote communications and collaborations between researchers in this area and those from other parts of the world. The program covers a wide range of topics in statistics and probability, presenting recent developments and the state of the art in a variety of modern research topics and in applications. For more information, visit <http://ims-aprm.org/> or contact the program chairs: Feifang Hu (fh6e@virginia.edu) or Runze Li (fh6e@virginia.edu); the Local Chair is Byeong U. Park (bupark@stats.snu.ac.kr)

IMS co-sponsored meeting

33rd Conference on Stochastic Processes and their Applications

July 27–31, 2009, Berlin, Germany

[w](http://www.math.tu-berlin.de/SPA2009/) <http://www.math.tu-berlin.de/SPA2009/>

Registration open now: IMS members get €20 discount

Featuring IMS Medallion Lectures from **Claudia Klüppelberg** and **Gordon Slade**, a Lévy Lecture from **Amir Dembo**, and a Doob Lecture from **Ed Perkins**. Also a special event celebrating the contributions of Wolfgang Doeblin.

Organizing committee chair: Jochen Blath; co-chair: Peter Imkeller.

IMS Reps to Program Committee: David Aldous, Martin Barlow, Gérard Ben Arous, Mu-Fa Chen, Anna de Masi, Hans Föllmer, Luis Gorostiza, Dmitry Kramkov, Russ Lyons, Claudia Neuhauser, Ed Waymire, and Ofer Zeitouni.

IMS co-sponsored meeting

Seventh Workshop on Bayesian Nonparametrics

June 21–25, 2009

Collegio Carlo Alberto, Moncalieri, Italy

[w](http://bnpworkshop.carloalberto.org/) <http://bnpworkshop.carloalberto.org/>

The aim of the Workshop is to highlight the latest developments in Bayesian Nonparametrics covering a wide variety of both theoretical and applied topics. The meeting will be held at the Collegio Carlo Alberto, a research institution housed in an historical building located in Moncalieri on the outskirts of Turin, Italy.

Contact [e](mailto:bnp@carloalberto.org) bnp@carloalberto.org

IMS co-sponsored meeting

International Symposium in Statistics (ISS) on Inferences in Generalized Linear Longitudinal Mixed Models (GLLMM)

July 20–22, 2009

Memorial University, St John’s, Canada

[w](http://www.iss-2009-stjohns.ca) www.iss-2009-stjohns.ca

The objective of this ISS is to bring together a set of speakers and discussants to describe the latest research such as parametric and non-parametric inferences in this emerging area with applications to Biostatistics, Econometrics, and Ecological and Environmental studies, among others.

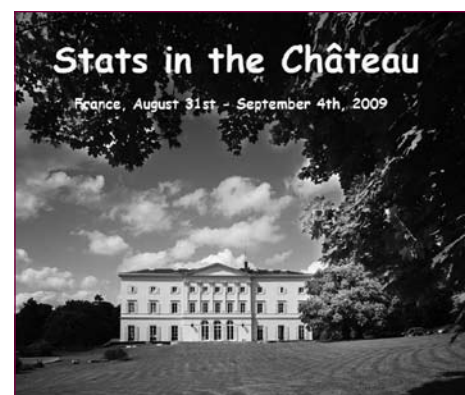
IMS co-sponsored meeting**Statistical Methods for the Analysis of Network Data in Practice****June 15–17, 2009****University College, Dublin, Ireland****w** <http://mathsci.ucd.ie/~brendan/networks.html>**Call for papers: see website. Deadline for abstracts April 3**

Many modern data analysis problems involve large data sets from social, biological and other networks. In these settings, traditional modeling assumptions are inappropriate; the analysis of these data must take into account the structure of relationships between the entities being measured. In fact, in many applications, the relationships between entities is the subject of primary interest. As a result, there has been increasing research developing techniques for incorporating network structures in statistics and more widely.

Network modeling is an active area of research in several domains including computer science, statistics and physics. This workshop focuses on probabilistic methods for network analysis, paying special attention to model design and computational issues of model fitting and inference. We are bringing together statistical network modeling researchers from different communities, thereby fostering collaborations and intellectual exchange. Our hope is that this will result in novel modeling approaches, diverse applications, and new research directions.

IMS co-sponsored meeting**2011 ENAR/IMS Spring Meetings****March 20–23, 2011. Hyatt Regency Miami, Florida****w** <http://www.enar.org/meetings.cfm>**IMS co-sponsored meeting****Stats in the Chateau: A Summer School in Econometrics and Statistics
August 31 – September 4, 2009. Jouy-en-Josas (near Paris), France****w** <http://www.hec.fr/statsinthechateau>

This summer school will bring together people from the statistics and economics communities, and to stimulate interactions between participants. The themes are inverse problems, high dimensional statistical estimation, and their applications in econometrics.



There will be two mini-courses, by **Laurent Cavalier** (Aix-Marseilles 1) and **Victor Chernozhukov** (MIT). The invited speakers will be **Felix Abramovich** (Tel-Aviv University), **Peter Bickel** (University of California, Berkeley), **Xiaohong Chen** (Yale University), **Rama Cont** (CNRS / Columbia University), **Jean-Pierre Florens** (Université Toulouse I), **Emmanuel Guerre** (Queen Mary, University of London), **Joel Horowitz** (Northwestern University), **Yuichi Kitamura** (Yale University), **Jean-Michel Loubes** (Toulouse 3), **Ya'acov Ritov** (Hebrew University of Jerusalem) and **Jean-Marc Robin** (Université Paris Panthéon Sorbonne / University College London).

For details, visit the website or **e** statsinthechateau@ensae.fr

**IMS co-sponsored meeting****International conference on Frontiers of Interface between Statistics and Sciences:
in honor of C.R. Rao's 90th birthday****December 31, 2009 – January 2, 2010****Hyderabad, India****w** <http://www.stat.osu.edu/~hnn/hydstatconf2010.html>

IMS Reps: S. Rao Jammalamadaka, S. Pantula, S. Ghosh

International conference on Frontiers of Interface between Statistics and Sciences at Hyderabad, India, organized by C R Rao Advanced Institute of Mathematics, Statistics and Computer Science with the sponsorship of Dept of Science and Technology, Govt. of India, ASA and IISA. The conference is in honor of C.R. Rao who will be attaining the age of 90 in 2010. The topics will include, biometrics, bioinformatics, cryptology, signal processing, data mining, econometrics and statistical inference.

For details visit <http://www.stat.osu.edu/~hnn/hydstatconf2010.html>

More IMS meetings around the world

IMS sponsored meeting

Second IMS China Conference on Statistics and Probability

July 3–6, 2009

Weihai, China

w <http://www.stat.cmu.edu/~jiashun/imschina/index.html>

We are pleased to announce the 2nd IMS China International Conference on Statistics and Probability 2009 in Weihai, north-east China. The first meeting in this series was held in Hangzhou, China this past June.

The meeting is open to all current and prospective IMS members by registration, until the maximum of 110 non-local participants is reached. Local participants are defined as those who reside in mainland China. It will feature plenary lectures, and invited and contributed talks in all areas of probability and statistics. The official languages of the meeting are English and Chinese.

The Plenary Speakers will be:

Peter Bickel, University of California, Berkeley

Stephen Fienberg, Carnegie Mellon University

Zhiming Ma, Chinese Academy of Math and Systems Science

Michael Steele, University of Pennsylvania

If you live in China, contact Professor Shige Peng (peng@sdu.edu.cn) and Jiaan Yan (jayan@amt.ac.cn) for more information.

If you live in other countries, send your enquiries, in English, to Professor Jiashun Jin (jiashun@stat.cmu.edu).



Happiness Gate in Weihai

Photo: Fenghong/Wikimedia Commons

Organizing Committee Co-chairs: Shige Peng, Shandong University, and Jiashun Jin, Carnegie Mellon University.

Scientific Committee Co-chairs: Jiaan Yan, Chinese Academy of Science, and Tony Cai, University of Pennsylvania

IMS sponsored meeting

2009 WNAR/IMS Meeting

June 14–17, 2009, Portland State University, OR, USA

w <http://www.mth.pdx.edu/wnar/>

IMS program chair: Dr. Haiyan Huang, hhuang@stat.berkeley.edu. The meeting will feature a short course on Generalized Linear Mixed Models by **Charles E. McCulloch**, University of California, San Francisco, and the WNAR Presidential Invited Address by **Peter Diggle**, Lancaster University, UK. The New Researchers Luncheon will provide the opportunity to meet new colleagues and have round-table discussions with senior faculty members. The Student Paper Competition has cash awards for the best manuscript and best oral presentation (free registration for competing students!). Sample invited session themes: emerging statistical challenges in longitudinal studies, clinical trials, and computational biology. Portland, Oregon, known as the City of Roses, has big city excitement and small town charm, making it one of the favorite destinations in the West.

IMS co-sponsored meeting

Symposium on New Directions in Asymptotic Statistics

May 15–16, 2009

Athens, Georgia, USA

w http://aaron.stat.uga.edu/news_events/symposium09/

The objective of the symposium is to bring together both well-established and emerging young researchers from around the world who are actively pursuing research in asymptotic methods in likelihood inference, time series, inference for stochastic processes, estimating functions, robust inference, parametric, semi-parametric and nonparametric methods, and functional estimation. The conference aims to provide a forum for leading experts and young researchers to discuss recent progress in asymptotic theory, thereby providing new directions for asymptotic inference in various fields.

The organizers of the conference are Ishwar Basawa ishwar@stat.uga.edu and T.N.Sriram tn@stat.uga.edu

IMS co-sponsored meeting

International Conference on Robust Statistics (ICORS) 2009**June 14–19, 2009****Parma, Italy****w** <http://www.icors2009.unipr.it>

The aim of this conference is to bring together established and young researchers from around the world who are actively working on, or are interested in, the theory, application, and overall development of robust statistics and related fields. The conference will provide a forum for leading experts and young researchers to discuss recent progress in the field, exchange ideas, and make informal contacts. Although robust statistics is the core of the



conference, special emphasis will be laid on interdisciplinary research and the interaction between theory and practice. For more information, visit the website or contact the conference organizer at icors2009@unipr.it.

IMS co-sponsored meeting

Innovation and Inventiveness in Statistics Methodologies**May 15–17, 2009****Yale University, New Haven, CT****w** <http://www.stat.yale.edu/Stats2009/>Conference in honor of **John Hartigan**.

Plenary Speakers: **James O. Berger**, **Peter J. Bickel**, **Lawrence D. Brown**, **David L. Donoho**, **William F. Eddy**, **Jianqing Fan**, **Iain M. Johnstone**, and **Peter G. Hall**.

Banquet Speaker: **J. Michael Steele**

Invited Speakers: **Donald J. Brown**, **T. Tony Cai**, **Tianxi Cai**, **Gary W. Oehlert**, **Jiashun Jin**, **Nouredine El Karoui**, **Xihong Lin**, **Deborah Nolan**, **Xiaotong Shen**, **Werner Stuetzle**, **Yanzhen Wang**, and **Bin Yu**

IMS co-sponsored meeting

2009 ICSA Applied Statistical Symposium**June 21–24, 2009****San Francisco, CA****w** <http://icsa2.org/2009/>

IMS Rep to Program Committee: Jiming Jiang

Deadline for student award and travel grants: **April 1, 2009** (see <http://icsa2.org/2009/StudentAwardsAndTravelGrants.htm>)Deadline for abstract and early registration Date: **May 1, 2009**

Keynote speakers are **Wing Hung Wong**, Stanford University, and **Nicholas Jewell**, University of California, Berkeley (*Alternatives to Intention to Treat—the MIRA Trial*). The banquet speaker is **Ronald Wasserstein**, Executive Director of the American Statistical Association

The 18th Annual ICSA Applied Statistics Symposium will be held on June 21–24, Sunday to Wednesday, 2009, with short courses on June 21st and scientific sessions on June 21–24, at the Westin Hotel, San Francisco International Airport, San Francisco, CA, USA. The symposium is co-sponsored by the American Statistical Association and the Institute of Mathematical Statistics.

The symposium has four short courses and 59 invited sessions, including two keynote address sessions, five special invited sessions, 53 invited sessions, and seven roundtable lunch discussions. We also invite members to submit their work in contributed sessions and poster sessions. The symposium webpage for registration and abstract submission is under construction and should be activated in February 2009.

Prior to the ICSA 2009 Symposium, there will be a pre-conference satellite workshop: “Conference on Innovative Clinical Trial Design and Related Topics” at Stanford University (June 19–20, 2009). Please contact Mei-Chiung Shih (meichiun@stanford.edu) for detailed information.

We welcome all new and current members to participate this event. Please note that program may change before it is finalized.

Tze Leung Lai and Ying Lu on behalf of ICSA 2009 Symposium Organizing Committee

Short courses

Recent Developments in Practical Bayesian Methods for Clinical Trials, Dr. Peter F. Thall, M.D. Anderson Cancer Center

Adaptive Designs in Drug Development, Dr. Sue-Jane Wang and Dr. Hsien Ming J. Hung, US FDA

Statistical Learning and Data Mining, Dr. Tao Shi, Ohio State University, and Dr. Ji Zhu, University of Michigan

Statistical Methods in Bioinformatics, Professor Jun Liu, Harvard University

IMS co-sponsored meeting

2010 ICSA International Conference**December 19–22, 2010****Guangzhou University, Guang-Zhou, China****w** tba

More IMS meetings around the world

IMS co-sponsored meeting

Recent Advances in Small Area Statistics: a two-day workshop cruise June 22–23, 2009

A cruise on the River Rhine, Germany

w <http://rrc09.surveystatistics.net>

The main purpose of the workshop is to assess the current state of research on small area estimation and to serve as a bridge between experienced researchers of small area methodology and practitioners working on sample surveys and official statistics either in government or private agencies. The workshop will also offer a unique opportunity for the students and junior researchers to interact with senior researchers in a very informal setting.

The two-day program will consist of nine plenary sessions, which will take place on a ship cruise on the famous Rhine river, Germany, and a poster session to be held in a hotel in Koblenz, Germany, during a wine reception immediately before the conference dinner on June 22. An award will be given for the best poster by a junior researcher. The cruise will start in Mainz on June 22 and end in Cologne on June 23. The plenary sessions each consist of a 50-minute lecture followed by a 20-minute floor discussion. There is no parallel session in the entire workshop, which will offer participants an opportunity to attend all sessions.

The confirmed plenary speakers are: **Ray Chambers** (University of Wollongong, Australia); **Robert Fay** (WESTAT, USA); **Malay**



Ghosh (University of Florida, Gainesville, USA); **Jiming Jiang** (University of California at Davis, USA); **Partha Lahiri** (University of Maryland, College Park, USA); **Risto Lehtonen** (University of Helsinki, Finland); **Carl N. Morris** (Harvard University, USA); **Danny Pfeffermann** (The Hebrew University of Jerusalem and the University of Southampton, UK); and **J.N.K. Rao** (Carleton University, Canada).

Posters that are related to the theme of the workshop will be accepted, subject to space constraints. Please visit the workshop website for detailed information on the workshop. The workshop is jointly co-sponsored by the German Research Foundation, German Statistical Association, University of Trier and the IMS.

IMS co-sponsored meeting

International Conference on Experimental Designs

July 17–19, 2009

Guangzhou, China

IMS Representative on Program

Committees: Jianqing Fan

w <http://maths.gzhu.edu.cn/iced/>

Topics of the conference include, but are not limited to: Designs for non-linear Models; Factorial Designs; Mixture Designs; Optimal Designs; Response Surface Designs; Uniform Designs.

Please check the conference website for more information.

NEW

Now an IMS co-sponsored meeting

International Conference on Statistics, Probability, Operations Research, Computer Science and Allied Areas

January 4–8, 2010

Visakhapatnam, Andhra Pradesh, India

w <http://www.stat.osu.edu/~hnn/IISA.html>

IMS Representatives on Program Committees: N. Balakrishnan (Chair), Canada; Hira Koul, USA; Soumendra Nath Lahiri, USA

The objective of this conference is to assess recent developments in the fields of Statistics, Probability and Computer Science to discuss future directions in terms of theory, practice and education. One of the primary goals is to foster international collaboration in these related areas through the exchange of ideas and experiences to enhance other technology transfer activities. Reforms needed in statistical education and training in order to meet the changing needs of the industry and government which receive special attention. The program of the conference will include several invited sessions, contributed sessions as well as workshops. English is the official language for all conference materials and presentations. The conference will be held at Andhra University in Visakhapatnam.

NEW



Other Meetings Around the World:

Announcements and Calls for Papers

Conference to Honor Joseph L. Gastwirth
August 1, 2009
George Washington University, Washington DC

NEW

w http://www.gwu.edu/~stat/festschrift_jg.htm

A one-day conference will be held on August 1, 2009 to honor Joseph L. Gastwirth, Professor of Statistics and Economics at George Washington University, for his forty-five years of contributions to statistics. The conference will be at George Washington University on the Saturday before the Joint Statistical Meetings.

The conference celebrates Professor Gastwirth's outstanding contributions to the development of nonparametric and robust methods and their use in genetic epidemiology, his pioneering research in statistical methods and measurement of health disparities and economic inequality, equal employment opportunity, and other legal applications. The conference also recognizes his supervision of PhD students, mentoring young researchers as well as his outstanding service to the profession.

The conference will include 6–8 invited presentations. Selected papers from the conference will be published in two journals: *Law, Probability and Risk* and *Statistics and Its Interface*. The website for the conference is http://www.gwu.edu/~stat/festschrift_jg.htm. The organizing committee consists of Colin Aitken, Efsthathia Bura, Mitchell Gail, Joel Greenhouse, Wesley Johnson, David Kaye, Abba Krieger, Zhaohai Li, Nancy Spruill, Scott Zeger, and Gang Zheng. For more information, please email: zhengg@nhlbi.nih.gov

NISS/ASA Writing Workshop for Junior Researchers
August 2, 2009 and lunch on August 5, 2009, at JSM
Washington DC

NEW

w <http://www.amstat.org/meetings/wwjr/>

The National Institute of Statistical Science (NISS) and the American Statistical Association (ASA) will hold a writing workshop for junior researchers. The goal of the workshop is to provide instruction in how to write journal articles and grant proposals. Participants will be required to provide a recent sample of their writing, which will be reviewed by a senior mentor. The sample could be a current draft of an article being submitted for publication, or it could be a grant proposal. (*Submission of the manuscript will be required as part of the registration process. Manuscripts will preferably be early drafts written either solely or primarily by the participants since prior experience indicates these provide the best basis for useful results.*)

The mentors will be former journal editors and program officers, who will critique (a portion of) the submitted material. Individual feedback will be provided at the opening session, and participants will be expected to prepare a revision. In addition to the individual feedback, there will be a one-day session of general instruction in effective writing techniques and a follow-up lunch.

The one-day session is scheduled for Sunday, August 2, in Washington, DC. At the end of the session, mentors will meet with participants to go over the writing samples they submitted. The participants will prepare a revision of the critiqued portion of their paper and give it to their mentor by Tuesday evening, August 4. A lunch will be held on Wednesday, August 5, by which time the participants will receive additional feedback on their revisions. The lunch will also be used to provide general feedback to the participants, mentors, and organizers.

Attendance will be limited and will depend on the number of mentors available. To apply, see the website. Applications are due by **June 1, 2009**, and successful applicants will be notified by June 30. Applications received after June 1 will be considered if space is available. There is no fee for participation. Participants will receive lunch on Sunday, August 2, and Wednesday, August 5. **Participants must agree to attend both the Sunday session and the Wednesday lunch.** We anticipate funding for partial travel support.

The workshop is designed for researchers with a recent Ph.D. in either statistics or biostatistics. Top priority will go to those who have had the Ph.D. for 0–3 years. The limited available funding will be used to support attendance by researchers currently in the U.S. Ph.D. students who will complete their degrees before the end of the summer and who will be in the US in the fall will also be considered. If space is available, other researchers outside the US will be admitted to the workshop, but will not be provided with travel support.

An online application form is available at <http://www.amstat.org/meetings/wwjr/>.

For more information contact Keith Crank, Assistant Director for Research and Graduate Education, American Statistical Association (keith@amstat.org).

Explorations Workshop

Sponsored by:
National Agricultural Statistics Service and
National Institute of Statistical Sciences

NEW



NISS

The Statistics Community
Serving the Nation

NISS-NASS Cooperative Research Conference

June 1-2, 2009

**NISS
Research Triangle Park, NC**

To register, go to:
www.niss.org

and click on "Events"

Opening Speakers -

Alan Karr, Director of NISS
Cynthia Z.F. Clark, Administrator of NASS

Presentations will link opportunities for statistical innovation to NASS surveys and data:

Statistical Editing in NASS Surveys

Multivariate Imputation with Valid Mean Squared Error Estimation

Agricultural Resource Management Survey

New Design and Estimation Methodologies For Number of Small Farms

NASS Sampling Frames

Small Area/County Estimates in NASS

Statistical Multi-source Predictive Models and Error Estimates

USDA/NASS Crop Production Forecasts and Estimates

(For a complete list of speakers, please see the NISS website)

NISS-NASS Cooperative Research Conference

Workshop participants will explore statistical aspects of agricultural survey research. NASS will review the latest methods in editing surveys that other organizations are using and will highlight NASS' developing plans to improve its system.

NASS has typically used univariate approaches to both imputation and mean-squared-error estimation. This workshop will explore and develop schemes for multivariate imputation that optimally support both economic modeling and direct estimates, while providing for an estimable impact of imputation on mean squared error.

The workshop will cover dual-frame estimation and look at advances in a variety of statistical techniques including capture-recapture, multiple frame estimation methodologies and weighting.

A session on small area/county estimation will cover efficient, accurate and statistically defensible county estimates. These are very important to NASS and are used in administering the USDA Farm Program.

The workshop will explore statistical approaches to forecasting and estimation that will focus on utilizing data from multiple surveys; from administrative/auxiliary information, including weather and remotely sensed data; and from long, historical series of surveys and estimation results.

Participation is by pre-registration, and space is limited.

Price: \$100

NISS Affiliates: Fees waived, registration required

Contact: explore-niss-nass@niss.org



The 2009 Rao Prize Conference**May 22, 2009****Penn State University, University Park, PA****w** <http://www.stat.psu.edu/~richards/raoprize/2009.html>

The conference program consists of four invited speakers and a graduate student poster presentation. The invited speakers are: **C.F. Jeff Wu** (Georgia Institute of Technology), **Willem van Zwet** (University of Leiden), **Jianqing Fan** (Princeton University), and **Peter Bickel** (University of California at Berkeley). Peter Bickel will receive the Rao Prize during the conference (see page 2).

The web page <http://www.stat.psu.edu/~richards/raoprize/2009.html> provides details of the conference schedule. For further information, please e-mail questions to any member of the organizing committee listed on the conference web page.

NEW**Workshop on Statistical Inference for Lévy Processes with Applications to Finance****July 15–17, 2009****EURANDOM, Eindhoven, The Netherlands****w** http://www.eurandom.tue.nl/events/workshops/2009/Levy_processes/index.htm

Recent years have witnessed great interest in financial models based on Lévy processes as possible alternatives to the traditional Black-Scholes model of financial markets. An appealing feature of models based on Lévy processes is their ability to reproduce important stylized features of financial time series. Moreover, there exists a well-developed mathematical (probabilistic) theory for Lévy processes.

As any stochastic model, a financial model based on a Lévy process depends on various parameters (finite, or possibly infinite-dimensional). Estimation of these parameters, or, in financial terminology, calibration of the model to the available data, is of critical importance to successful applications of these models in practice. This is a new and challenging area of statistical research.

The workshop aims to contribute to the development of this area and will bring together leading researchers in the field. They will overview recent progress achieved in inference methods for Lévy processes, identify problems of interest and outline future research directions. Inverse statistical problems, regularisation techniques, semi- and nonparametric statistics, are expected to play a major role.

The workshop is also of interest to researchers active in other fields of applications of Lévy processes.

Invited speakers: Yacine Aït-Sahalia (Princeton University, USA), Markus Reiß (Universität Heidelberg, Germany), Christian Houdré (Georgia Institute of Technology, USA), Valentine Genon-Catalot (Université René Descartes-Paris 5, France), Nick Bingham (Imperial College London, UK), Ernst Eberlein (University of Freiburg, Germany), Alexander Szimayer (Rheinische Friedrich-Wilhelms-Universität, Germany), Helyette Geman (University of London, UK), José Manuel Corcuera (Universitat de Barcelona, Spain), Antonis Papapantoleon (Vienna University of Technology, Austria), Fabienne Comte (Université René Descartes-Paris 5, France), Rama Cont (Columbia University, USA).

To register, please visit the workshop website. There is no closing date for the registration, but the number of places is limited. There is no registration fee for academia. Participants will be given the opportunity to present short talks on their own research.

Organisers: Chris Klaassen (Universiteit van Amsterdam & EURANDOM), Shota Gugushvili (EURANDOM) and Peter Spreij (Universiteit van Amsterdam).

NEW**2009 New England Symposium on Statistics in Sports****Saturday, September 26, 2009****Harvard University Science Center, Cambridge, Massachusetts****w** <http://www.amstat.org/chapters/boston/nessis09.html>

The 2009 New England Symposium on Statistics in Sports will be a meeting of statisticians and quantitative analysts connected with sports teams, sports media, and universities to discuss common problems of interest in statistical modeling and analysis of sports data.

The symposium format will be a mixture of invited talks, a poster session, and a panel discussion. Students in particular are encouraged to submit abstracts; a prize will be awarded to the best student poster as decided by a panel of judges. The proceedings of the symposium will be published in a special issue of the *Journal of Quantitative Analysis in Sports (JQAS)*.

Abstracts for talks and posters are now requested. The submission deadline for abstracts is **June 15, 2009**.

See the conference web site at <http://www.amstat.org/chapters/boston/nessis09.html> for details on abstract instructions, and for up-to-date information about the conference. Please e-mail nessis09@gmail.com with any questions.

NEW**Lectures on Probability and Stochastic Processes IV****November 20–24, 2009****Indian Statistical Institute, New Delhi, India****w** <http://www.isid.ac.in/~antar/Conferences/LPS/4th/index.html>**NEW**

More meetings around the world



European Workshop on Challenges in Modern Massive Data Sets (EMMDS 2009)

NEW

July 1–4, 2009

Technical University of Denmark (DTU), Copenhagen, Denmark

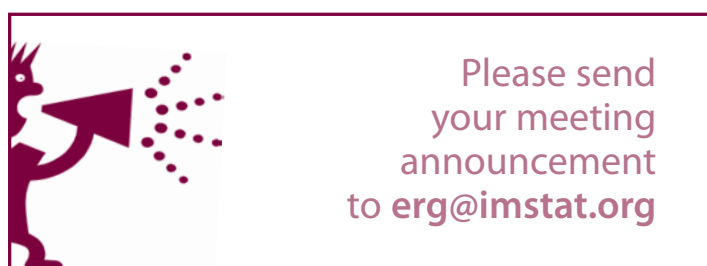
w <http://mmds.imm.dtu.dk>

e mmds-organizers@imm.dtu.dk

Organizers: Morten Mørup (DTU), Lek-Heng Lim (Berkeley), Lars Kai Hansen (DTU), Gunnar Carlsson (Stanford)

Speakers: John Ashburner (University College London), Ricardo Baeza-Yates (Yahoo! Research, Barcelona), Rasmus Bro (University of Copenhagen), Joachim Buhmann (Swiss Federal Institute of Technology (ETH), Zürich), Joaquin Quiñero Candela (Microsoft Research, Cambridge), Pedro Cano (BMAT, Barcelona), Music and Audio Technologies, Edward Chang (Google Research, Beijing), Pierre Comon (University of Nice Sophia-Antipolis), Nello Cristianini (University of Bristol), Lars Elden (Linköping University), Jerome Friedman (Stanford University), Mark Herbster (University College London), Thomas Hofmann (Google Research, Zürich), Samuel Kaski (Helsinki University of Technology), Steffen Lauritzen (University of Oxford), Neil Lawrence (University of Manchester), Michael Mahoney (Stanford University), Klaus Mosegaard (University of Copenhagen), Michael Ng (Hong Kong Baptist University), Tomaso Poggio (Massachusetts Institute of Technology), Bernhard Schölkopf (Max Planck Institute).

Synopsis: The 2009 European Workshop on Challenges in Modern Massive Data Sets (EMMDS 2009) will address algorithmic, mathematical, and statistical challenges in modern statistical data analysis. The goals of EMMDS 2009 are to explore novel techniques for modeling and analyzing massive, high-dimensional, and nonlinearly-structured scientific and internet data sets, and to bring together computer scientists, statisticians, mathematicians, and data analysis practitioners to promote cross-fertilization of ideas.



Workshop on Interacting Particle Systems in honor of Professor Tom Liggett's 65th Birthday June 15–19, 2009

NEW

Peking University, Beijing, China

w <http://www.math.pku.edu.cn/teachers/dayue/Homepage/IPS-Workshop.htm>



Tom Liggett

Invited Speakers (confirmed): **M. Biskup** (UCLA), **M. Bramson** (Minnesota), **L. Chayes** (UCLA), **M-F Chen** (Beijing Normal U), **R. Durrett** (Cornell), **P. A. Ferrari** (IMPA), **L. Fontes** (U. Sao Paulo), **G. R. Grimmett** (Cambridge), **S. Lalley** (U. Chicago), **C. Newman** (Courant Inst), **A. Puha** (CSUSM), **E. Saada** (U. Rouen), **J. Schweinsberg** (UCSD), **V. Sidoravicius**

(CWI), **J. Steif** (Chalmers), **R. Sun** (NU Singapore), **M. E. Vares** (CBPF), **N. Yoshida** (Kyoto U.).

Organizers: Enrique Andjel (Univ. Provence, France), Dayue Chen (Peking Univ., China), Tom Mountford (EPFL, Switzerland).



Second European Summer School in Financial Mathematics August 24–29, 2009

NEW

Paris, France

w <http://www.cmap.polytechnique.fr/~euroschoolmathf09/>

The European Summer School in Financial Mathematics aims at putting together the most talented young researchers in the field, starting from the very beginning PhD students. The Summer School is centered around two advanced courses provided by world-renowned experts.

This year's courses are Financial Modeling under Illiquidity (taught by Robert Almgren, Peter Bank and Alexander Schied) and Backward SDEs with Financial Applications (Emmanuel Gobet and Jin Ma). More information on the webpage above.

Note: although the deadline (31 March 2009) has already passed, the organizers will still admit applications that are submitted shortly.

10th Islamic Countries Conference on Statistical Sciences (ICSS-10)
December 20–23, 2009
Cairo, Egypt

NEW

w <http://www.isoss.com.pk/icss-x/index.php>

I am pleased to invite you to contribute to a tentative session on Statistics Education at the 10th Islamic Countries Conference on Statistical Sciences which will be held on 20–23 December in Cairo, Egypt.

Ali Rejali of Isfahan University of Technology, Iran, will organize this tentative session. Please send your contribution to the address below no later than **July 1, 2009**.

Contributions regarding the theory and practice of statistics education at all levels, problems on statistical awareness and statistical literacy projects are all welcomed.

Please send your contributions to:

Ali Rejali

School of Mathematical Sciences

Isfahan University of Technology

Isfahan, 84156, Iran

e a_rejali@cc.iut.ac.ir

For information regarding registration, please see the website.

2010 SSC Annual Meeting
May 23–26, 2010
Québec City, Canada

UPDATED

w www.ssc.ca/main/meetings_e.html

Local Arrangements: Thierry Duchesne (Laval). Program: Christian Léger (Montréal).

Oded Schramm Memorial Conference in Probability and Geometry
August 30–31, 2009

Microsoft Research, Redmond, Washington

w <http://research.microsoft.com/~schramm/workshop/>

Speakers include: **Omer Angel** (U. British Columbia); **Itai Benjamini** (Weizmann); **Mario Bonk** (U. Michigan); **Michael Freedman** (Microsoft); **Christophe Garban** (ENS Paris); **Olle Häggström** (Chalmers); **Zheng-Xu He** (Beijing CAS); **Gregory F. Lawler** (U. Chicago); **Russell Lyons** (Indiana U.); **Assaf Naor** (Courant); **Yuval Peres** (Microsoft); **Gábor Pete** (U. Toronto); **Steffen Rohde** (U. Washington); **Scott Sheffield** (MIT); **Stanislav Smirnov** (U. Genève); **Wendelin Werner** (Orsay); **David B. Wilson** (Microsoft). For more information, see the website.



Oded Schramm at the IMS meeting in Singapore last year

SAMSI Summer School on Spatial Statistics
July 28 – August 1, 2009
SAMSI in Research Triangle Park, NC

NEW

w <http://www.samsi.info/workshops/2009spatial-summer200907.shtml>

e spatial-summer200907@samsi.info

Part of the *2009–10 Program on Space-time Analysis for Environmental Mapping, Epidemiology and Climate Change*

Organizers/Instructors: **Sudipto Banerjee** (U. Minnesota), **Reinhard Furrer** (U. Zurich), **Doug Nychka** (National Center for Atmospheric Research), and **Stephen Sain** (National Center for Atmospheric Research)

Determining the air quality at an unmonitored location, characterizing the mean summer temperature and precipitation over a region or quantifying the

changing incidence of a disease across an urban area are examples where a function of interest depends on irregular and limited observations. Prediction and scientific understanding of environmental and epidemiology data often requires estimating a smooth curve or surface over space that describes an environmental process or summarizes complex structure. Moreover, drawing inferences from the estimate requires measures of uncertainty for the unknown function. This course will combine ideas from geostatistics, smoothing, and Bayesian inference to tackle these problems.

An important component of the lectures is the use of contributed packages for the R statistical environment (www.r-project.org) for hands-on experience with these methods, analyzing spatial data and practice

in problem solving. In addition these open source R packages (e.g. *spBayes*, *fields* and *spam*) provide insight in the computational framework for function fitting and the facility to handle multivariate or large environmental datasets. The overall theme of this course is to illustrate how statistical science requires a blending of the scientific context, statistical modeling and statistical computing to reach a useful solution.

Details on course contents and prerequisites are on the website above.

The application deadline is **May 22, 2009**. Note, however, that workshop capacity might be reached before this deadline. To apply to attend the workshop, please fill out the application form on the webpage above.



*The Institute of Mathematical Statistics
presents*

IMS COLLECTIONS

Volume 4:

Markov Processes and Related Topics: A Festschrift for Thomas G. Kurtz

Editors: Stewart N. Ethier, Jin Feng, Richard H. Stockbridge

A four-day conference, “Markov Processes and Related Topics,” was held at the University of Wisconsin–Madison from July 10–13, 2006, in celebration of Tom Kurtz’s 65th birthday and his many contributions to mathematics. Speakers were invited to submit a paper to this collection, and after a lengthy refereeing and editing process, the present “Festschrift” volume has emerged. Its diversity of topics is a reflection of the wide range of subjects to which Tom has contributed.



Thomas G. Kurtz

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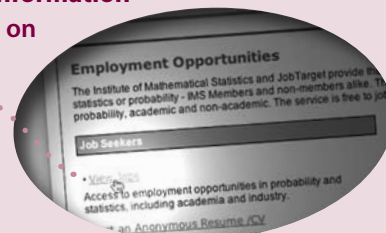
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Our online job boards allow employers and job seekers to have the **most up-to-date information** at their fingertips. The service is free to job seekers. To search job openings online, log on to <http://jobs.imstat.org> and click on "View Jobs"

If you have a job to advertise, go to the same webpage and click on "Post a Job". A single 30-day online job posting costs just \$175.00, and we also include the basic information about your job ad here in the *IMS Bulletin* at no extra charge. The advertising service is open to all employers in the area of statistics and probability, both academic and non-academic.



Sweden: Uppsala

Uppsala University, Department of Mathematics

Chair in Mathematical Statistics

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=5359193

United Kingdom: Bristol

University of Bristol

Chair in Statistics [*see right*]

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=5318802

United States: Rancho Cucamonga, CA

Chaffey Community College District

Math Instructor

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=5317389

United States: Madison, WI

University of Wisconsin School of Medicine & Public Health

Chair, Dept. of Biostatistics & Medical Informatics

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UK: Bristol

www.bristol.ac.uk

Chair in Statistics

Professorial grade salary

The Department of Mathematics is seeking to appoint a Professor of Statistics. The overriding criteria for appointment to the chair will be the candidate's ability to provide academic leadership in both research and teaching. The University is a leading research-intensive institution and is determined to attract individuals of the highest calibre to this position. We are prepared to offer a competitive salary. The person appointed will have research interests in any mainstream area of statistics; applicants with a strong record of innovation in statistical methodology, ideally backed by serious commitment to one or more domains of application, are especially welcomed.

For informal enquiries please contact Prof Peter Green (P.J.Green@bristol.ac.uk or +44 (0)117 928 7967), Prof Guy Nason (G.P.Nason@bristol.ac.uk or +44 (0)117 928 8633) or Prof Christophe Andrieu (C.Andrieu@bristol.ac.uk or +44 (0)117 928 9134).

In order to receive full attention, applications should be received by 9.00am on Thursday 30th April 2009. We anticipate undertaking the final stages of the selection process prior to the summer break in 2009. However, the position will be deemed open until filled.

Further details and an application form can be found at www.bristol.ac.uk/vacancies Alternatively you can telephone +44(0) 117 954 6947 or e-mail recruitment@bristol.ac.uk quoting reference number 14608.

EXCELLENCE THROUGH DIVERSITY

2009
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International Calendar of Statistical Events

IMS meetings are highlighted in maroon with the  logo, and new or updated entries have the  or  symbol. **t** means telephone, **f** fax, **e** email and **w** website. Please submit your meeting details and any corrections to Elyse Gustafson at erg@imstat.org

May 2009


May 1–3: Chapel Hill, NC. 3rd Annual Graduate Student Conference in Probability. **w** www.unc.edu/~crbaek/gscp

May 4–10: Ålesund, Norway. 4th General Conference on Advanced Mathematical Methods for Finance. **w** <http://www.cma.uio.no/conferences/2009/amamef.html>

May 3–8: Ascona, Switzerland. Statistical Advances in Genome-scale Data Analysis. **w** http://stat.ethz.ch/talks/Ascona_09

May 11–13: EURANDOM (Eindhoven) and KNMI (de Bilt), The Netherlands. Climate Change and Extreme Value Theory **w** <http://www.eurandom.tue.nl/workshops/2009/Climate/>

May 14–15: Institute of Statistics, Université catholique de Louvain, Belgium. Exploring research frontiers in contemporary statistics and econometrics: conference in honor of Leopold Simar. **w** <http://www.stat.ucl.ac.be/EmeritatLS/>


 **May 15–16:** Athens, Georgia, USA. Symposium on New Directions in Asymptotic Statistics. Organizers Ishwar Basawa **e** ishwar@stat.uga.edu and T.N. Sriram **e** tn@stat.uga.edu **w** http://aaron.stat.uga.edu/news_events/symposium09/

 **May 15–17:** Yale University, New Haven, CT. Innovation and Inventiveness in Statistics Methodologies. **w** <http://www.stat.yale.edu/Stats2009/>

May 18–20: Hilversum, The Netherlands. 17th Meeting of AiOs in Stochastics. **w** www.cs.vu.nl/~stochgrp/aionetwerk/meeting/09.html

May 18–23: CRM, Montréal. Interacting Stochastic Particle Systems [CRM program] **w** http://www.crm.umontreal.ca/Mathphys2008/stochastics_e.shtml

May 20–21: University of Pennsylvania, Philadelphia, PA. Atlantic Causal Modeling Conference. Contact Dylan Small, Department of Statistics, University of Pennsylvania, **e** dsmall@wharton.upenn.edu **w** <http://stat.wharton.upenn.edu/~fby/acc/>

 **May 22:** Penn State University, University Park, PA. The 2009 Rao Prize Conference. **w** <http://www.stat.psu.edu/~richards/raoprize/2009.html>

May 25–27: Athens, Greece. 2nd International Conference on Quantitative and Qualitative Methodologies in the Economic and Administrative Sciences. **w** www.teiath.gr/sdo/de/page_nea_EN_r/home.htm


May 25–29: Harrah's Lake Tahoe, NV. 14th International Conference on Gambling and Risk Taking. **w** www.unr.edu/gaming


May 25–29: Bordeaux, France. 41st Annual Conference of the French Statistical Society. **w** <http://www.sm.u-bordeaux2.fr/JDS2009/index.html>

 **May 27–29:** Vancouver, Canada. 2009 Spring Research Conference on Statistics in Industry and Technology. Boxin Tang **e** boxint@stat.sfu.ca **w** <http://www.stat.sfu.ca/~boxint/src2009/>

May 31 – June 3: Vancouver, Canada. 2009 SSC Annual Meeting. Local Arrangements: Nancy Heckman (UBC). Program: Wendy Lou (Toronto) **w** http://www.ssc.ca/main/meetings_e.html

June 2009

 **June 1–2:** NISS, Research Triangle Park, NC. NISS-NASS Cooperative Research Conference. **w** <http://www.niss.org>

 **June 3–5:** Iowa State University, Ames. The 75th Anniversary of the Statistical Laboratory Conference. IMS Rep to Program Committee: Song X. Chen **w** <http://www.stat.iastate.edu/ISUStatistics75thAnniversary/>

June 4–6: Vancouver, Canada. Workshop on Statistical Methods for Dynamic System Models. **w** <http://stat.sfu.ca/~dac5/workshop09/>

June 5–9: University of Pennsylvania, Philadelphia, USA. O-Bayes09: International Workshop on Objective Bayes Methodology. Contact Linda Zhao **e** lzhao@wharton.upenn.edu **w** <http://stat.wharton.upenn.edu/statweb/Conference/OBayes09/OBayes.html>

June 7–10: Jekyll Island, Georgia, USA. SRCOS 2009 Summer Research Conference. **w** <http://www.sph.emory.edu/srcos2009/>

June 8–9: University of Rochester Medical Center, Rochester, NY. Statistical Modeling for Biological Systems: Conference in Memory of Andrei Yakovlev. **w** www.urmc.rochester.edu/biostat/ayconference/


June 8–10: EURANDOM, Eindhoven, The Netherlands. Workshop on Parameter Estimation for Dynamical Systems. **w** http://www.eurandom.tue.nl/workshops/2009/PEDS/PEDS_main.htm

June 8–13: CRM, Montréal. Disordered Systems: Spin Glasses [CRM program] **w** http://www.crm.umontreal.ca/Mathphys2008/spin_e.shtml


June 9–10: Ottawa, Ontario. ICSTI 2009 Conference: Managing Data for Science. **w** www.icsti2009.org


June 10–12: Siena, Italy. ITACOSM09: First Italian Conference on Survey Methodology. **w** <http://www.unisi.it/eventi/dmq2009/>

 **June 14–17:** Portland State University, OR. 2009 WNAR/IMS Meeting. IMS program chair: Dr. Haiyan Huang, hhuang@stat.berkeley.edu **w** <http://www.mth.pdx.edu/wnar/>

 **June 14–19:** Parma, Italy. International Conference on Robust Statistics (ICORS) 2009 **w** <http://www.icors2009.unipr.it>

June 15–17: Troyes, France. 2nd International Workshop in Sequential Methodologies (IWSM). **e** Igor.Nikiforov@utt.fr **w** <http://www.utt.fr/iwsm2009>

 **June 15–17:** Dublin, Ireland. Statistical Methods for the Analysis of Network Data in Practice. **w** <http://mathsci.ucd.ie/~brendan/networks.html>

 **June 15–19:** Peking University, Beijing, China. Workshop on Interacting Particle Systems in honor of Professor Tom Liggett's 65th Birthday **w** <http://www.math.pku.edu.cn/teachers/dayue/Homepage/IPS-Workshop.htm>


June 15–19: CRM, Bellaterra, Spain. ESF-EMS-ERCOM Conference on Harmonic Analysis, Geometric Measure Theory and Quasiconformal Mappings. Grants available: contact Ms. Alessandra Piccolotto, ESF Conference Officer **e** apiccolotto@esf.org **w** www.esf.org/conferences/09308

June 17–20: University of Luxembourg, Luxembourg School of Finance. 4th Statistical Day at the University of Luxembourg. **w** <http://sma.uni.lu/stat4/>

June 18–20: Leicester, UK. Workshop on Spectral and Cubature Methods in Finance and Econometrics. **w** <http://www2.le.ac.uk/departments/mathematics/extranet/staff-material/staff-profiles/sl278/workshop-spectral-and-cubature-methods-in-finance-and-econometrics>


June 18–20: Vienna, Austria. Econometrics, Time Series Analysis and Systems Theory: Conference in Honor of Manfred Deistler. **w** www.ihs.ac.at/etsast

June 18–20: Bressanone/Brixen, Italy. BISP6: Sixth Workshop on Bayesian Inference in Stochastic Processes. **e** bisp6@mi.imati.cnr.it **w** www.mi.imati.cnr.it/conferences/bisp6.html

 **June 21–24:** San Francisco, CA. 2009 ICSA Applied Statistical Symposium. IMS Rep: Jiming Jiang. **w** <http://icsa2.org/2009/>

 **June 21–25:** Collegio Carlo Alberto, Moncalieri, Italy. Seventh Workshop on Bayesian Nonparametrics. **w** <http://bnpworkshop.carloalberto.org/>

June 21–25: San Diego Convention Center, San Diego, CA. DIA 44th Annual Meeting. **w** <http://nextdocs.com/2008/06/45th-annual-dia-meeting/>

 **June 22–23:** River Rhine, Germany (Koblenz, Mainz, Cologne). Recent Advances in Small Area Statistics: a two-day workshop cruise. **w** <http://rrc09.surveystatistics.net>

June 22–26: Fort Collins, CO. Graybill VIII: 6th International Conference on Extreme Value Analysis. **e** GraybillConference@stat.colostate.edu **w** www.stat.colostate.edu/graybillconference2009

June 23–27: Smolenice Castle, Slovakia. IWMS'09: 18th International Workshop on Matrices and Statistics. Contact Viktor Witkovsky **e** witkovsky@savba.sk **w** www.um.sav.sk/en/iwms2009.html

June 26–28: Peking University, Beijing, China. International Workshop on Probability Theory, Statistics, and their Application to Biology. **w** <http://bioinfo.math.pku.edu.cn/Workshop09/index.htm>


June 26–29: Università Degli Studi Di Milano, Italy. Tenth European Conference on Image Analysis and Stereology (ECS10). **w** <http://ecs10.mat.unimi.it/>

 **June 28–July 1:** Seoul, Korea. First IMS Asia Pacific Rim Meeting. Program chairs: Feifang Hu **e** fh6e@virginia.edu or Runze Li **e** fh6e@virginia.edu **w** <http://ims-aprm.org/>

June 29 – July 3: City University of Hong Kong, Hong Kong. Workshop on Stochastic Analysis and Finance. **w** <http://www6.cityu.edu.hk/ma/wsaf09/>

July 2009

 **July 1–4:** Technical University of Denmark (DTU), Copenhagen, Denmark. European Workshop on Challenges in Modern Massive Data Sets (EMMDS 2009) **e** mmds-organizers@imm.dtu.dk **w** <http://mmds.imm.dtu.dk>

 **July 3–6:** Weihai, China. 2nd IMS China Conference on Statistics and Probability. **w** <http://www.stat.cmu.edu/~jiashun/imschina/index.html>

International Calendar *continued*

July 5–10: Mathematical Research and Conference Center, Będlewo, Poland. **ESF-EMS-ERCOM 2nd European Set Theory Meeting: in Honour of Ronald Jensen.** Chair: Jouko Väänänen, Helsinki/Amsterdam. Grants available. **w** www.esf.org/conferences/09306

 **July 6–17:** Cornell, Ithaca, NY. **Fifth Cornell Probability Summer School.** **w** <http://www.math.cornell.edu/~durrett/CPSS2009/>


July 7–9: Leeds, UK. **LASR 2009: Statistical Tools for Challenges in Bioinformatics.** Contact Arief Gusnanto **e** workshop@maths.leeds.ac.uk **w** www.maths.leeds.ac.uk/lasr2009

July 10–12: Stevens Institute of Technology, Hoboken, NJ, USA. **Modeling High Frequency Data in Finance** **w** <http://bergenbier.math.stevens.edu/conference2009/>

July 12–15: Cornell University, Ithaca, NY. **2009 INFORMS Applied Probability Society Conference.** Shane Henderson and Mark Lewis. **w** <http://appliedprob.society.informs.org/apsconf09/APS09.html>

July 13–15: Beijing, China. **1st International Conference on the Interface between Statistics and Engineering.** Kwok Tsui **e** ktsui@isy.e.gatech.edu **w** <http://icise.bjut.edu.cn/index.htm>

July 13–17: EPFL, Switzerland. **Workshop on Spatial Extremes and Applications [Research program on Risk, Rare Events and Extremes].** **w** <http://extremes.epfl.ch/>

 **July 15–17:** EURANDOM, Eindhoven, The Netherlands. **Workshop on Statistical Inference for Lévy Processes with Applications to Finance** **w** http://www.eurandom.tue.nl/events/workshops/2009/Levy_processes/index.htm

  **July 17–19:** Guangzhou, China. **International Conference on Experimental Designs.** IMS Rep on Program Committees: Jianqing Fan. **w** <http://maths.gzhu.edu.cn/iced/>

 **July 20–22:** St John's, Canada. **International Symposium in Statistics (ISS) on GLLMM.** Brajendra Sutradhar **e** bsutradh@math.mun.ca **w** www.iss-2009-stjohns.ca


July 20–24: Toulouse, France. **European Meeting of Statisticians (EMS 2009).** **w** www.math.univ-toulouse.fr/EMS2009/


July 20–24: Warwick University, UK. **Probability at Warwick Young Researchers Workshop** **w** www.warwick.ac.uk/go/paw


July 20–24: Angers, France. **Conference on Self-similar Processes and their Applications.** **w** <http://angers2009.math.univ-angers.fr/>

July 20–24: Cornell, Ithaca, NY. **24th International Workshop on Statistical Modeling.** **w** www.stat.cornell.edu/IWSM2009

July 26–31: Ascona, Switzerland. **CosmoStat09 and GREAT08 Challenge final workshop.** **w** <http://www.itp.uzh.ch/cosmostats>


 **July 27–31:** Berlin, Germany. **33rd Conference on Stochastic Processes and their Applications.** Organising committee co-chairs: Jochen Blath & Peter Imkeller. **w** www.math.tu-berlin.de/SPA2009/

 **July 28–31:** Baltimore, MD. **12th IMS North American Meeting of New Researchers in Statistics and Probability.** **w** www.biostat.umn.edu/~tracyb/nrc.html


 **July 28–August 1:** SAMSI, Research Triangle Park, NC. **Summer School on Spatial Statistics** **e** spatial-summer200907@samsi.info **w** <http://www.samsi.info/workshops/2009spatial-summer200907.shtml>

July 29–31: Singapore. **4th International Conference on Queueing Theory and Network Applications.** **w** <http://www.qtna2009.org/>

August 2009

 **August 1:** George Washington University, Washington DC. **Conference to Honor Joseph L. Gastwirth.** Gang Zheng **e** zhengg@nhlbi.nih.gov **w** http://www.gwu.edu/~stat/festschrift_jg.htm

 **August 1–6:** Washington, DC. **IMS Annual Meeting at JSM2009.** IMS Program Chairs: Michael Kosorok kosorok@unc.edu Xiaotong Shen xshen@stat.umn.edu and Ji Zhu jizhu@umich.edu **w** www.amstat.org/meetings/jsm/2009/

 **August 2 and 5:** Washington DC (at JSM). **NISS/ASA Writing Workshop for Junior Researchers.** Keith Crank **e** keith@amstat.org **w** <http://www.amstat.org/meetings/wwjr/>

August 3–6: UTIA, Prague, Czech Republic. **Limit Theorems for Dependent Random Variables (SPA satellite meeting)** **w** <http://simu0292.utia.cas.cz/workshop09/>

August 3–8: Yamoussoukro, Côte d'Ivoire. **7th PACOM (Pan African Congress of Mathematicians).** Secretariat: Prof. Etienne Desquith, African Mathematical Union (AMU) Vice-President, West African Region **e** desquith@hotmail.com

August 16–22: Durban, South Africa. **57th Session of the International Statistical Institute.** **w** www.statssa.gov.za/isi2009/

August 17–19: Boston, MA. **Measurement, Design, and Analysis Methods for Health Outcomes Research.** **w** <http://www.hsph.harvard.edu/ccpe/programs/MDA.html>

August 24–28: Bucharest, Romania. **16th European Young**

Statistician Meeting (EYSM 2009). Organizers: Roxana Ciumara [e](mailto:Roxana_ciumara@yahoo.com) Roxana_ciumara@yahoo.com or Luiza Badin [e](mailto:luizabadin@yahoo.com) luizabadin@yahoo.com [w](http://www.eysm2009.ase.ro/) <http://www.eysm2009.ase.ro/>

NEW August 24–29: Paris, France. Second European Summer School in Financial Mathematics [w](http://www.cmap.polytechnique.fr/~euroschoollmathf09/) <http://www.cmap.polytechnique.fr/~euroschoollmathf09/>

NEW August 30–31: Microsoft Research, Redmond, WA. Oded Schramm Memorial Conference in Probability and Geometry [w](http://research.microsoft.com/~schramm/workshop/) <http://research.microsoft.com/~schramm/workshop/>

 August 31 – September 4: Jouy-en-Josas (near Paris), France. Stats in the Chateau: A Summer School in Econometrics and Statistics. [w](http://www.hec.fr/statsinthechateau) <http://www.hec.fr/statsinthechateau>

September 2009

September 14–16: Politecnico di Milano. Complex Models and Computational Methods for Estimation and Prediction (S.Co.2009). [w](http://mox.polimi.it/sco2009) <http://mox.polimi.it/sco2009>

September 14–18: EPFL, Switzerland. Workshop on High-dimensional Extremes [*Research program on Risk, Rare Events and Extremes*]. [w](http://extremes.epfl.ch/) <http://extremes.epfl.ch/>

September 15–18: Jaca, Spain. Pyrenees International workshop on Statistics, Probability and Operations Research (SPO 2009). [w](http://metodosestadisticos.unizar.es/~jaca2009) <http://metodosestadisticos.unizar.es/~jaca2009>

September 21–22: Paris, France. The 6th International Meeting on Statistical Methods on Biopharmacy. [w](http://www.biopharma2009-sfds.fr/) <http://www.biopharma2009-sfds.fr/>

NEW September 26: Harvard University Science Center, Cambridge, Massachusetts. 2009 New England Symposium on Statistics in Sports [w](http://www.amstat.org/chapters/boston/nessis09.html) www.amstat.org/chapters/boston/nessis09.html

October 2009

October 14–17: Columbia, Missouri. Design and Analysis of Experiments Conference: DAE 2009. Contact Min Yang [e](mailto:yangmi@missouri.edu) yangmi@missouri.edu [w](http://dae.stat.missouri.edu) <http://dae.stat.missouri.edu>

November 2009

UPDATED November 9–11: EPFL, Switzerland. Workshop on Spatio-temporal Extremes and Applications [*Research program on Risk, Rare Events and Extremes*]. [w](http://extremes.epfl.ch/) <http://extremes.epfl.ch/>

UPDATED November 12–13: EPFL, Switzerland. Risk, Rare Events

and Extremes Final Conference [*Research program on Risk, Rare Events and Extremes*]. [w](http://extremes.epfl.ch/) <http://extremes.epfl.ch/>


November 16–18: Lodz, Poland. 28th Annual Conference on Multivariate Statistical Analysis (MSA'09). [w](http://www.msa.uni.lodz.pl) <http://www.msa.uni.lodz.pl>

NEW November 20–24: Indian Statistical Institute, New Delhi, India. Lectures on Probability and Stochastic Processes IV [w](http://www.isid.ac.in/~antar/Conferences/LPS/4th/index.html) <http://www.isid.ac.in/~antar/Conferences/LPS/4th/index.html>

December 2009

December 7–11: Atlantic City, NJ. 65th Annual Deming Conference on Applied Statistics. Walter R. Young [e](mailto:demingchair@gmail.com) demingchair@gmail.com [w](http://www.demingconference.com) www.demingconference.com

UPDATED December 20–23: The American University in Cairo, New Cairo, Egypt. ICCS-X: 10th Biennial Islamic Countries Conference on Statistical Sciences. Ali Rejali [e](mailto:a_rejali@cc.iut.ac.ir) a_rejali@cc.iut.ac.ir [w](http://www.isoss.com.pk/iccs-x/index.php) <http://www.isoss.com.pk/iccs-x/index.php>

 December 31 – January 2: Hyderabad, India. International conference on Frontiers of Interface between Statistics and Sciences: in honor of C.R. Rao's 90th birthday. IMS Reps: S. Rao Jammalamadaka, S. Pantula, S. Ghosh. [w](http://www.stat.osu.edu/~hnn/hydstatconf2010.html) <http://www.stat.osu.edu/~hnn/hydstatconf2010.html>

January 2010

NEW  January 4–8: Andhra University, India. IISA Joint Statistical Meetings and International Conference on Statistics, Probability and Related Areas. S. Rao Jammalamadaka [e](mailto:rao@pstat.ucsb.edu) rao@pstat.ucsb.edu, N. Balakrishnan [e](mailto:bala@mcmaster.ca) bala@mcmaster.ca, K. Srinivasa Rao [e](mailto:ksraoau@yahoo.co.in) ksraoau@yahoo.co.in [w](http://www.stat.osu.edu/~hnn/IISA.html) www.stat.osu.edu/~hnn/IISA.html

February 2010

February 8–11: Beer Sheva, Israel. SMRLO'10: International Symposium on Stochastic Models in Reliability Engineering, Life Sciences and Operations Management. [w](http://info.sce.ac.il/i/SMRLO10) <http://info.sce.ac.il/i/SMRLO10>

March 2010

 March 17–20: University of Texas at San Antonio. Frontier of Statistical Decision Making and Bayesian Analysis: in honor of James O. Berger. IMS Rep on Program Committees: Dipak K. Dey. [w](http://bergerconference2010.utsa.edu/) <http://bergerconference2010.utsa.edu/>

International Calendar *continued*

March 2010 continued

 March 21–24: Hyatt Regency New Orleans, Louisiana. 2010 ENAR/IMS Spring Meetings. IMS Program Chairs: Marie Davidian and Hao Helen Zhang **w** www.enar.org/meetings.cfm

May 2010

May 19–22: Columbus, Ohio. Conference on Nonparametric Statistics and Statistical Learning. **w** www.stat.osu.edu/~nssl2010/

UPDATED May 23–26: Québec City, Canada. 2010 SSC Annual Meeting. Local Arrangements: Thierry Duchesne (Laval); Program: Christian Léger (Montréal) **w** www.ssc.ca/main/meetings_e.html

June 2010

June 29 – July 1: Palmerston North, New Zealand. International Conference on Probability Distributions and Related Topics in conjunction with NZSA Conference. **w** http://nzsa_cdl_2010.massey.ac.nz/

July 2010

July 5–9: Croatia. ISBIS-2010, International Symposium for Business & Industrial Statistics. Contact Milena Zeithamlova **e** Milena@action-m.com **w** www.action-m.com/isbis2010

July 11–16: Ljubljana, Slovenia. ICOTS08: Data and context in statistics education: towards an evidence-based society. **w** <http://icots8.org/>

 July 18–31: Ithaca, NY. 6th Cornell Probability Summer School. **w** tba

July 26–30: Dresden, Germany. 6th International Conference on Lévy Processes: Theory and Applications. **w** www.math.tu-dresden.de/levy2010

July 27–31: Tomar, Portugal. LinStat2010. Francisco Carvalho: **t** +351 249 328 100; **f** +351 249 328 186; **e** fpcarvalho@ipt.pt **w** www.linstat2010.ipt.pt

August 2010

 August 1–5: Vancouver, British Columbia, Canada. JSM2010.

 August 9–13: Gothenburg, Sweden. IMS Annual Meeting 2010. **w** tba

August 19–27: Hyderabad, India. International Congress of

Mathematicians 2010. Program Committee Chair: Prof. Hendrik W. Lenstra, Leiden University **e** hwlicm@math.leidenuniv.nl

August 30–September 3: Prague, Czech Republic. Prague Stochastics 2010. **e** pragstoch@utia.cas.cz **w** www.utia.cas.cz/pragstoch2010

December 2010

 December 19–22: Guangzhou University, Guang-Zhou, China. 2010 ICSA International Conference. **w** tba

March 2011

 March 20–23: Hyatt Regency Miami, FL. 2011 ENAR/IMS Spring Meetings. **w** <http://www.enar.org/meetings.cfm>


July 2011

 July (dates TBA): Ithaca, NY. 7th Cornell Probability Summer School. **w** tba

 July 31 – August 4: Miami Beach, Florida. IMS Annual Meeting at JSM2011.

July 2012

 July 29 – August 2: San Diego, California. JSM2012.

 July/August [dates TBA]: İstanbul, Turkey. IMS Annual Meeting 2012 in conjunction with 8th World Congress in Probability and Statistics.

August 2013

 August 3–8: Montréal, Canada. IMS Annual Meeting at JSM2013.

August 2014

 August 3–7: Boston, MA. JSM2014.

Membership and Subscription Information

Journals:

The scientific journals of the Institute of Mathematical Statistics are *The Annals of Statistics*, *The Annals of Probability*, *The Annals of Applied Statistics*, *The Annals of Applied Probability*, and *Statistical Science*. The *IMS Bulletin* is the news organ of the Institute.

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The *IMS Bulletin* publishes articles and news of interest to IMS members and to statisticians and probabilists in general, as well as details of IMS meetings and an international calendar of statistical events. Views and opinions in editorials and articles are not to be understood as official expressions of the Institute's policy unless so stated; publication does not necessarily imply endorsement in any way of the opinions expressed therein, and the *IMS Bulletin* and its publisher do not accept any responsibility for them. The *IMS Bulletin* is copyrighted and authors of individual articles may be asked to sign a copyright transfer to the IMS before publication.

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A single 30-day online job posting costs **\$175.00**. We will also include the basic information about your job ad (position title, location, company name, job function and a link to the full ad) in the *IMS Bulletin* at no extra charge. See <http://jobs.imstat.org>

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Meeting announcements in the *Bulletin* and on the IMS website at <http://imstat.org/meetings> are free. Send them to Elyse Gustafson. See http://www.imstat.org/program/prog_announce.htm

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4: May	April 1	April 15	May 1
5: June	May 1	May 15	June 1
6: July	June 1	June 15	July 1
7: August/September	July 1	July 15	August 1
8: October	September 1	September 15	October 1
9: November	October 1	October 15	November 1
10: December	November 1	November 15	December 1

the
next
issue is

**June
2009**

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The **purpose** of the **Institute** is to foster the
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IMS: Organized September 12, 1935



Kakuro corner

How to play: Place single digits (1 to 9 inclusive) in the white boxes in the grid. The row or column of digits which make up a sequence must add up to the black box to the left or at the top. Each digit in a sequence must be different. In the example below, the first row sequence is to make 8:



No repeated digits in
a sequence.



This row sequence
doesn't add up to 8.



...this one does! (So does
1,2,5 and 3,1,4 and so on)

Solution 33 from last issue

35	18	16	45	20	9
16	5	1	7	3	5
28	7	4	9	8	11
17	9	8	30	9	8
16	6	3	2	4	1
37	8	2	6	5	4
22	11	8	6	9	7
11	5	3	1	2	12
16	9	7	29	7	9
9	8	1	12	1	3

Puzzle 34

	16	45		28	11	45	6
13			27				
6			10				
30			29			8	
27						12	
							35
18				23			
	21			13			
	24						
10			11				
			3				
13						8	
26						16	

Puzzle by www.yoogi.com