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IMS Bulletin

April 2005

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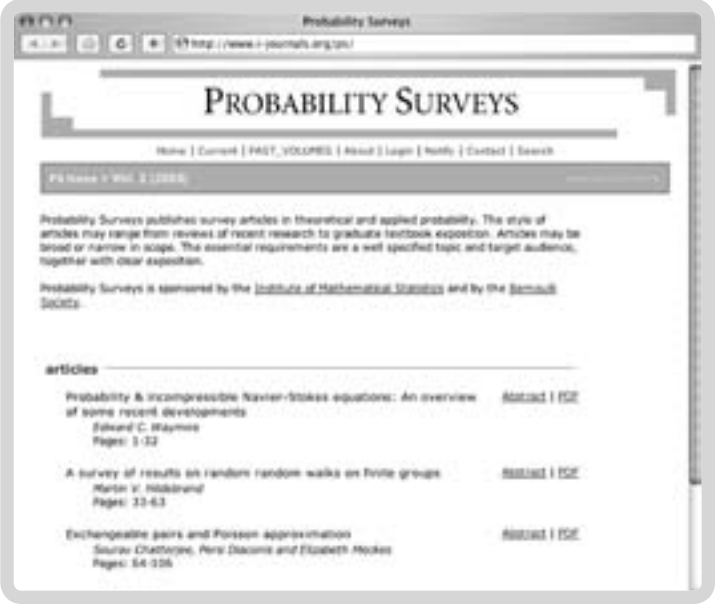
New IMS/Bernoulli journal

The Institute of Mathematical Statistics and the Bernoulli Society for Mathematical Statistics and Probability are pleased to announce the creation of the co-sponsored open access electronic journal, Probability Surveys.

Probability Surveys is a peer-reviewed electronic journal which publishes survey articles in theoretical and applied probability. The style of articles may range from reviews of recent research to graduate textbook exposition. Articles may be broad or narrow in scope. The essential requirements are a well specified topic and target audience, together with clear exposition.

Professor David Aldous of the University of California is the founding editor for *Probability Surveys*. Jim Pitman, also of the University of California, served as Chair of the IMS Publications Committee during the development of *Probability Surveys*. Jim shares their vision of this project: "David and I hope that the structure of *Probability Surveys* can be replicated to create a large family of survey journals providing open access to high quality expository material in other branches of mathematics and statistics. We outline our general plan in our article "The Mathematics Survey Project" available at http://bibserver.berkeley.edu/mathsurv/article.pdf . A natural next step is to launch a companion electronic journal Statistics Surveys. So please contact us if you would like to be involved with that."

Authors and readers can expect to see articles posted within weeks of acceptance. The current throughput time for articles is less than 60 days. By virtue of their appearance in this open access journal, articles are free to use, with proper attribution, in educational and other non-commercial settings. The journal's main web site is http://www.i-journals.org/ps/ and additionally it can be viewed at http://projecteuclid.org/ps



The new joint IMS/Bernoulli journal, Probability Surveys, *is online now.*

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Member News

Mei-Ling Ting Lee named Mosteller Statistician of the Year

The Boston Chapter of the American Statistical Association has named Mei-Ling Ting Lee as the Mosteller Statistician of the Year. The award is presented each year to a distinguished statistician associated with the Chapter. Dr Lee is Associate Professor in the Department of Biostatistics at Harvard School of Public Health, and the Channing Laboratory at Harvard Medical School. She is the founding editor and Editor-in-Chief of the international journal *Lifetime Data Analysis,* and recently served as chair of the International Conference on the Analysis of Genomic Data. Her numerous publications include the recent book *Analysis of Microarray Gene Expression Data.*

Dr Lee is currently working on statistical methods for analysing gene expression data obtained from either cDNA or oligonucleotide microarrays, and methods for the analysis of longitudinal blood pressure measurements. She is also developing parametric and nonparametric methods to model surrogate end-points and latent disease progression.

Tom Lane, Program Chair for the Boston Chapter of ASA, presents the award to Mei-Ling Ting Lee, with former recipient Alan Zaslavsky

Other News

Ross Prentice named Zelen Leadership Award recipient

The Department of Biostatistics at the Harvard School of Public Health named Dr Ross L Prentice, Fred Hutchinson Cancer Research Center, Public Health Sciences, recipient of the 2005 Marvin Zelen Leadership Award in Statistical Science. Dr Prentice will deliver a lecture on June 3, 2005 at Harvard University. The lecture title is forthcoming.

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

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, 2005.

Michael Newton: a profile

Michael A Newton, Professor of Statistics and Biostatistics and Medical Informatics at the University of Wisconsin-Madison, received the 2004 COPSS Presidents' Award for outstanding statistician 40 or under. Adrian Raftery profiles him:

Michael was born in 1964 and grew up on Cape Breton Island in Nova Scotia, Canada, the son of an English father and an American mother, and he remains fiercely proud of being Canadian. He went to Dalhousie University in Halifax, and got a First Class Honors BSc in Mathematics in 1986.

Michael went to graduate school in Statistics at the University of Washington, and while there collaborated widely. Among others, he worked with David Mason on bootstrap theory (Mason and Newton, 1992, *Ann Statist*), with Peter Guttorp and others on cat hematology (Newton et al, 1995, *JASA*), with Charlie Geyer on bootstrap recycling (Newton and Geyer, 1994, *JASA*), and with Adrian Raftery on the weighted likelihood bootstrap (Newton and Raftery, 1994, *JRSS B*). The latter was based on his dissertation and defined a new generalized Bayesian bootstrap; it was read to the Royal Statistical Society in London, attracting over 30 discussants. At Washington he also came into contact with Joe Felsenstein, from whom he learned about phylogenetic trees, an area to which he later contributed (Newton, 1996, *Biometrics*).

Michael got his PhD in 1991 and was eagerly sought on the job market, getting nine job offers from leading departments. He chose to go to the University of Wisconsin-Madison not just because of the excellent statistics department there, but also because of the world-class oncology community, in which Bill Dove is a leading light. This choice rapidly bore fruit, as Michael got involved in and started to make contributions to cancer genetics. Almost at once, he developed a major new method for finding tumor suppressor genes (Newton et al, 1994, *Statist Med*).

With this background, Michael was ideally placed to play a leading role when the analysis of gene expression data burst on the scene as one of the hottest topics in science, in urgent need of new statistical methods. He has been a leader in the development of methods for detecting differential expression. His 1991 paper introducing empirical Bayes methods for doing this (Newton et al., 2001, *J Comput Biol*), and the associated R and Bioconductor package EBarrays, have had a big impact on this rapidly developing field.

Michael's interests are broad: in addition to cancer and genetics, he has worked in ecology and social science. He developed new methods for assessing population trends for the Florida manatee, then subject to a mysterious population decline (Craig et al., 1997, *Biometrics*). With his collaborators, he developed a new MCMC algorithm for this, that he called the "Manatee shuffle". On the social science side, he developed a new parametric two-sided model of marriage with Wisconsin sociologist John Logan and his own student Peter Hoff.

Michael's achievements have been widely recognized. In addition to the 2004 COPSS Award, he won the American Public Health Association's 2003 Spiegelman Award for the top statistician under 40, and the COPSS Snedecor Award in 1997. He is an associate editor of *Biometrics* and *JASA-Applications and Case Studies*.

But Michael's life is not all work and no play. He juggles many activities, and is, in fact, an active juggler. His team, the Mad Five, were Team Champions at the International Juggler's Association's Summer Festival in 1999.

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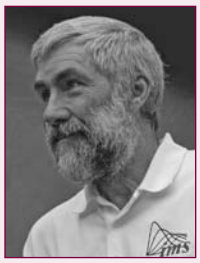
Terence's Stuff: *More Books Worth Reading*

Terry Speed continues to look at his favourite books "from a bygone era", taking us from Cochran to Kinsey. Read on…



I frequently get asked to recommend a good book on applied statistics. Often my questioners are mathematicians or computer scientists down on their luck, finding themselves doing statistics for a living, but many young statisticians also ask me the same question. What all these people share is the nagging feeling that there is more to applied statistics than testing, bootstrapping, and a host of methods known by their acronyms (MLE, PCA, SVD, SVM, ANOVA…) and they want to know what it is. Of course this is a good thing: there is more, but can it be found in one book? John L Kelley says in the preface to his book *General topology* that he had (with difficulty) been prevented by his friends from labeling it: What Every Young Analyst Should Know. I wonder whether we have such a book on applied statistics?

I'm sure you can guess that I don't have a stock response to this question. I really do find it hard to answer, and usually end up cross-examining the person who asked, to learn what they know about statistics, and in what context are they doing applied statistics. With luck I am then able to tailor a reply to their background and needs, and avoid the harder, general question.

But what about the general question? If I had to recommend a book, or books, what would I say? I can do no better here than mention the books that have helped me do applied statistics over my career. Bear in mind that a context-free discussion of this topic is probably about as silly as a context-free discussion of a statistical method. Also bear in mind that I am near the end of my career, and that the books I know and love are from a bygone era.

I have three all-time favourites: the *Collected papers of RA Fisher* (5 volumes), *Contributions to statistics* by WG Cochran (one very large volume), and *Statistical methods* by GW Snedecor and WG Cochran (the latest edition is the 8th). I know I'm cheating in counting Fisher's papers as one, but you get the idea. Also, these three are highly correlated. Cochran was said to have been the follower Fisher regarded most highly, while Snedecor was largely responsible for introducing Fisherian applied statistics to the US.

The first thing to be said is that these books are not about applied statistics, they are about statistics (and genetics and evolution, in Fisher's case), but they have the great virtue of being written by people who spent their lives applying statistics, and who were acknowledged masters of the trade. In a sense their writings summarize their experience as applied statisticians, so there should be much to learn from them.

The second thing to be said has already been noted: these books are from an earlier time, in particular the pre-computer era, but one differing from ours in many other ways as well. You may rightly wonder how relevant they are in 2005. However, they are still relevant.

Snedecor and Cochran describe the statistical methods applied by thousands of scientists worldwide, daily. This is not the second most highly cited book on statistics by accident. Do you know everything in it? You should. Have a look and see, and then fill in the gaps in your knowledge. I still think their treatment of certain topics—random effects models is one—can't be beaten.

By contrast, Cochran's papers are more advanced—for professional statisticians, not users of statistics. Read him on the practicalities of design (experiments, sampling surveys, clinical trials), or on strengthening many basic methods, or on understanding many important topics. In my view, his discussions hard to beat: readable, practical, well-based. Seen the movie *Kinsey* (or read the *Kinsey Report*)? If so, have you read Cochran, Mosteller and Tukey's *Statistical Problems of the Kinsey Report*? When you do, you will surely learn a lot of good statistics, and perhaps some other things as well. From Cochran's theorem to Kinsey…not a bad range.

Fisher's applied statistics is something else. Appointed in 1919 to Rothamsted Experimental Station by Sir John Russell to tell him whether "after studying our records […] they might be expected to yield more information than we had extracted", Fisher went on to define statistical information, and devise more novel ways of extracting it than any other person before or since. Every one of his analyses is unique, so from him we learn how to apply statistics in novel contexts. If this idea appeals, and you like his subject matter, nothing beats a few hours struggling with Fisher.

Together these books span the full range of applied statistics: from the routine, through the strengthened routine, to the decidedly non-routine. I do think they are worth reading today, though doubtless many among you have favourites from among more modern authors. Why not write in and tell us about them?

On an entirely different note, I'd like to close by drawing your attention to the announcement of the new IMS Child Care Initiative on page 5. Read it, and tell others about it. If it is appropriate, avail yourself of the new program.

IMS takes Initiative on Child Care

We are pleased to announce the introduction of the new IMS Child Care Initiative.

The purpose of the initiative is to encourage and support the participation at IMS Annual Meetings of IMS members having child care responsibilities.

The IMS will reimburse members 80% of the costs of privately arranged child care• at the Joint Statistical Meetings and IMS Annual Meeting, up to a maximum of US$250 per family. Priority will be given to those presenting papers or posters at the meeting. Not more than 40 grants may be awarded.

How to apply:

A letter requesting funds must be submitted to IMS Executive Director, Elyse Gustafson, at the IMS office (see page 2 for address) by June 1, 2005. The letter should include the following:

1. The member's name and email address
2. Copy of JSM registration
3. Copy of receipt for abstract submission (if applicable)
4. Projected amount of child care expenses for the time of the meeting

After the meeting, the following should be submitted:

1. Complete receipt showing total amount of child care expenses, dates of care and names and birth dates of dependents
2. The member's name and address

• For a dependent under the age of 13

Past *IMS Bulletin* Editors

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Dorian Feldman (1975-80)

William C Guenther (1981-86)

George P H Styan (1987-92)

Susan R Wilson (1992-97)

Dipak K Dey (1998-2001)

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LECTURE NOTES – MONOGRAPH SERIES

LNMS Volume 47:

Recent Developments in Multiple Comparison Procedures

Yoav Benjamini, Frank Bretz and Sanat Sarkar, Editors

This volume is based on the NSF-CBMS Conference in Mathematical Sciences *New Horizons in Multiple Comparison Procedures* held in August 2001 at Temple University, Philadelphia, with Yosef Hochberg as the key speaker.

The conference was organized in response to the sudden upsurge of research that has taken place in the area of multiple comparisons. A number of newer ideas have emerged from the recent research activities that could generate a steady stream of new research.

This volume is a collection of 11 papers, covering a broad range of topics in Multiple Comparisons, which were invited for the conference. The goal of this volume is to gain deeper understanding of these ideas and to promote further research activities in this area.

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"MCMSki" attracts 190 to the Italian Alps

Brad Carlin and Antonietta Mira report: The second joint international meeting of IMS and ISBA (International Society for Bayesian Analysis) was held in Bormio, Italy, site of the 2005 world ski championships, from January 12–14, 2005. A central theme of the conference was Markov chain Monte Carlo (MCMC) and related methods and applications in the 15 years since the publication of Gelfand and Smith (*JASA,* 1990) the paper that introduced these methods to mainstream statisticians.

Bayesian statisticians have long been known for their love of beach-front conferences in exotic locations, beginning with the long-standing Valencia meetings and, most recently the first joint IMS/ISBA meeting in Isla Verde, Puerto Rico. However, ski-related conferences in cold places have been rarer, so no one was really sure if the idea would work. It did. We had hoped to attract about 100 people, but in fact closer to 190 registered. Many also attended the prequel *"AdapSki"* conference on modern adaptive MCMC methods organized by Chris Robert, Heikki Haario, and Christophe Andrieu.

The scientific committee of MCMSki, co-chaired by Brad Carlin and Antonietta Mira and including Giovanni Parmigiani, Montserrat Fuentes, Steve Brooks, Paolo Giudici, and Sonia Petrone, assembled a strong and varied program, with sessions on molecular biology, spatial and spatio-temporal methods, bioinformatics/genetics, MCMC algorithms/software, statistical data mining, and modern nonparametrics. Special plenary talks by three distinguished researchers—Alan Gelfand, Persi Diaconis, and Sylvia Richardson—got each day off to a strong start. And as often happens, the evening contributed poster presentations were among the strongest conference offerings.

The conference owed an enormous debt to IMS Executive Director Elyse Gustafson and IMS webmaster Arti Ishwaran, who handled all registration and financial aspects of the conference.

The local arrangements committee, chaired by Antonietta Mira and including Clelia Di Serio, Claudia Tarantola, Paolo Giudici, Paolo Tenconi, Igor Pruenster and Antonio Lijoi, organized a small army of motor coaches to bring participants from Malpensa airport in Milan to the lovely mountain village of Bormio.

[above] The unidentified skier from last issue is in fact Merrill Liechty from Drexel. Thanks to Jun Liu for the information and the photo.

[below] Brad Carlin, co-chair of the scientific committee with Antonietta Mira, in the mountains.

The conference was "Valencia style", meaning talks in the morning, an afternoon break (until the ski lifts closed), then two more hours of talks followed by dinner and poster sessions in the main hotel bar. 20 US young investigators (ten supported by NIH and ten by NSF) received travel scholarships, while the University of Insubria, the Giunta of the Lombardy Region, and two local banks offered support for approximately 20 Italian students, young researchers and helpers.

Not surprisingly, the academic aspects of the conference were not its only memorable moments. On the slopes, the snow was largely artificial (no snow since Christmas), but this was more than compensated for by the gorgeous weather. Experienced skiers were very satisfied, and even beginners like Xiao-Li Meng enjoyed their "magic carpet ride" up the bunny hill. The Tweedie Cup ski race (named for the late Richard Tweedie, the well-known MCMC researcher who had taken part both as main speaker and proud ski racer in previous MCMski-related conferences) was a popular activity, with about 15 female and 30 male skiers. The women's, and overall, winner was Antonietta Mira. The men's race was won by Otto Haario, an experienced ski racer and son of Heikki Haario, who sadly was the conference's only serious casualty, breaking his leg on the slopes on the very first day.

Finally, the conference banquet at the spectacular Grand Hotel Bagni Nuovi ballroom featured great food, great wine, great conversation, and, of course, great music and cabaret-style entertainment provided by many conference participants; see http://www.biostat.umn.edu/~brad/mcmski/ for some pictures, and http://probability.ca/jeff/sounds/bormio.lyrics for lyrics to two of the songs written for the occasion.

For those who were not able to attend, the MCMSki band, often known as "Imsisba" or "The Markov Chain Gang", will reunite for a few songs at the Tuesday Informal Dance Party at this year's JSM at the Minneapolis Convention Center on Tuesday, August 9, 2005.

In summary, MCMSki was an enormous success, and a repeat trip to Bormio is being discussed for January 2007!

JSM Previews: Wald Lectures

SR Srinivasa Varadhan, Professor at the Courant Institute of Mathematical Sciences, New York University, will be delivering the Wald lectures this year at the Joint Statistical Meetings in Minneapolis. The title is *Large Deviations in Different Contexts*.

The subject of large deviations has a history that goes back nearly seventy years. In short, it is the art of estimating small probabilities with some precision. It is not surprising that it had its origins in the insurance industry, which naturally has an aversion to being left holding the bag with a huge amount in claims. So they modeled the claims as generated by a poisson point process with the claim amounts being independently distributed with a common distribution, wanted estimates of tail probabilities and developed methods to do it.

Later Harold Cramèr extended it to a general method that estimated the tail probabilities of sums of independent random variables. If the deviation from the mean is small then the Gaussian estimate from central limit theorem is valid. If the deviation is large, then the answer is different and Cramèr showed how to obtain it.

The next major development was in the sixties when Ventcel and Freidlin developed their theory of small random perturbations of dynamical systems. Here a classical deterministic ordinary differential equation is perturbed by a small stochastic noise term and the motion develops a small amount of noise. This has some serious consequences. The classical deterministic dynamical system will not stir out of a stable equilibrium point and even when it is slightly disturbed will return to it rather quickly. With some noise, it will wander far off with a small probability and if given enough time will surely wander sooner or later. But the classical motion still dominates and most of its attempts to wander off are nullified. So the picture is one of various wanderings at infrequent times. Small wanderings are less rare and large ones are very rare.

This may not sound like much, except it might find greener pastures while wandering and might be drawn to a different stable equilibrium, perhaps more stable than the one it started from. All this can be analyzed using large deviations and requires comparisons between events with small probabilities. Hence the need for a precise knowledge of "how rare is rare?". This leads to the notion of punctuated equilibria in the theory of evolution.

An important point here is the transition from one equilibrium to another, although it takes a very long time, most of it is just unsuccessful attempts or waiting and the actual transition is fast. The first successful attempt is by the least expensive path, if we define the "cost" to measure how rare it is. It now looks as if the path knew what it was doing and gives the appearance of some divine intervention. This also leads to "simulated annealing" which is a way to explore space randomly for the best spot without wasting time at unfavorable way stations.

The 1970s saw the subject develop much further, and connections with equilibrium statistical mechanics were established. Large deviations provided a mathematical language to describe such thermo-dynamical phenomena as phase transitions, surface tension etc. The notions of entropy and relative entropy play an important role in these developments.

During the last twenty years, a major effort in the theory of large deviation theory has been in the context of dynamics of interacting particle systems. Large systems with conserved quantities take a very long time to reach global equilibrium, although local equilibria are reached relatively quickly. There is interplay between the space and time scales and the goal is the derivation of the macroscopic description of the dynamics from a knowledge of the interactions at the microscopic level. The distributions in non-equilibria are far away from those that describe the equilibria, especially when the number of particles is large. The errors are best controlled using estimates from large deviation theory.

Another interesting line of pursuit is random motion in a random environment. Large deviations here have their origins in two different phenomena. The environment could be normal but the motion could be strange. Or we could have strange motion on top of an unusual environment. This leads to "quenched" as well as "averaged" or "annealed" versions of large deviations.

Abraham Wald

JSM Previews: Neyman Lecture

This year the Neyman Lecture will be presented by David Brillinger of the University of California at Berkeley. The Lecture will be given at the Joint Statistical Meetings in Minneapolis and is scheduled for 4pm on Sunday August 7.

The topic of the lecture is *Dynamic Indeterminism in Science*. The lecture is intended, in part, to be a salute to Professor Jerzy Neyman's work in applied statistics.

David's career has included formative periods at the University of Toronto, Princeton University, Bell Telephone Laboratories, the London School of Economics and UC Berkeley. His PhD is in Mathematics from Princeton University, and he has honorary doctorates from the University of Western Ontario and of Waterloo. He is a Fellow of the Royal Society of Canada and is a Foreign Member of the Norwegian Academy of Science and Letters. David is a Past President of the Institute of Mathematical Statistics and has presented the Wald Lectures.

The title of the Lecture comes from a statement in a 1960 article by Jerzy Neyman. Professor Neyman wrote: "Currently in the period of dynamic indeterminism in science, there is hardly a serious piece of research which, if treated realistically, does not involve operations on stochastic processes. The time has arrived for the theory of stochastic processes to become an item of usual equipment of every applied statistician."

Jerzy Neyman was known for contributions to mathematical statistics and the development of stochastic models for phenomena based on scientific subject matter. He sought explanations of the machinery producing empirical distributions. He once wrote of "…the delight I experience in trying to fathom the chance mechanisms of phenomena in the empirical world."

Professor Neyman made applications to data from a staggering number of fields. These included: cosmology, population dynamics, bacteriology, chemical engineering, fisheries, weather modification, astrophysics, physics, genetics, evolution, cancer, public health, pollution, meteorology, competing risks, entomology and the World War II effort.

He ran a lively seminar with speakers from countless substantive fields.

David Brillinger was fortunate to have extensive contacts with two of the great statisticians of the 20th century, Jerzy Neyman and John Tukey. Their influence will be in evidence in the examples to be presented from various fields in which David has applied data analysis and modelling.

Photo source: Constance Reid, *Neyman - from Life*, New York: Springer-Verlag 1982

Jerzy Neyman [r] pictured with Elizabeth Scott

JSM (the Joint Statistical Meetings) is the largest gathering of statisticians held in North America. IMS co-sponsor the meeting with the American Statistical Association, the International Biometric Society (ENAR and WNAR), and the Statistical Society of Canada. Attended by over 4000 people, the activities of the meeting include oral presentations, panel sessions, poster presentations, continuing education courses, an exhibit hall with state-of-the-art statistical products and opportunities, placement service, society and section business meetings, committee meetings, social activities, and networking opportunities. Minneapolis is the host city for JSM 2005 and offers a wide range of possibilities for sharing time with friends and colleagues. More details on page 14.

Travel support available for junior researchers and members of underrepresented groups: see announcement on page 15

How to organize an IMS Mini-meeting

IMS Mini-meetings are one-day, or possibly two-day, scientific workshops organized by IMS members. They are meant to be short, informal, and focused on topics of active research. The format of a Mini-meeting should promote the intensive exchange of ideas, and it should be "local+" in the sense that relatively few out-of-town participants are involved. Mini-meetings should be small, easy to organize, and open to local researchers with related interests, as space permits.

IMS Support

The IMS will provide funds, publicity and, in some cases, expertise to help promote approved Mini-meetings organized by IMS members. The current fee schedule is as follows:

1-day meeting: up to US$1,500
2-day meeting: up to US$3,000

For example, IMS funds might be used to support two out-of-town speakers for a one day event, or four out-of-town speakers for a two day event. Of course, organizers may obtain other funding as well.

IMS Requirements

To qualify for IMS funds, a Mini-meeting should be two days or less. There need not be a registration fee, but if there is, it should be halved for IMS members. The organizers themselves must be IMS members, and the title of meeting should include reference to the IMS.

Mini-meetings should have advance web publicity (e.g. through an informational web page), and a record of the meeting should be available online after its completion, and accessible from the IMS website.

Following the meeting, the organizers should submit a final accounting and a brief explanation of expenses. In addition, the organizers should prepare a short summary of about 300 words for publication in the *IMS Bulletin*, and submit it to the IMS Executive Director, Elyse Gustafson, erg@imstat.org.

Application Process

Please submit a 1-2 page application to the IMS Program Secretary, Andrew Nobel nobel@email.unc.edu or the IMS Executive Director, Elyse Gustafson, erg@imstat.org. The application should include:

- the names and affiliations of the organizers; please indicate which organizers are IMS members.
- a brief description of the technical program, including the anticipated number of talks.
- the names and affiliations of potential speakers, both local and out of town.
- the duration of the meeting (one or two days only)
- indication of how pre/post publicity of the meeting will be handled on the web.
- a preliminary request for IMS funds (see section on Support above), including an account of the anticipated expenses they will cover.
- a complete budget for the meeting.

Following the meeting a final accounting of expenditures should be submitted to the IMS Executive Director.

Approval Process

All applications will be reviewed by the IMS Program Secretary, with approval being determined by the IMS Executive Committee. Currently, applications for Mini-meetings are reviewed on a rolling basis.

Financial Administration

For approved meetings, the IMS can write a check to the appropriate University Sponsored Projects Office, or to the organizer(s) after the meeting has been completed.

Some Examples and Suggestions

a Amir Dembo's Random Matrices meeting. This is a good "proof of concept": a two day meeting, with five one-hour invited talks each day, was held at Stanford in July, 2000. There were participants from UC Berkeley, UC Davis and UC Santa Cruz, and the meeting took advantage of the presence of summer visiting experts from France, U.K. and Israel. Total attendance was about 30 people, a mix of specialists and interested locals. There was a group lunch on both days, and coffee breaks, but no other peripheral activities. A set of Web links to references for each of the talks was made available within a week after the meeting. The two day meeting cost $1,000 in total. Amir testifies that this meeting was not a lot of work to organize.

b New Researchers should be encouraged to run Mini-meetings : they are not so large as to be pre-tenure distractions, but are good for building research momentum and professional contacts.

c Interdisciplinary meetings, of course, are encouraged. A notable example is the Minimeeting on Statistical Approaches to the Ocean Circulation Inverse Problem organized by Ian McKeague and Kevin Speer at Florida State University.

d Proposals for Mini-meetings outside the USA are welcome.

Meet the Members

A couple of new-ish members tell us some interesting things:

Vladislav Vysotsky

Student
St Petersburg State University, Russia
Member of IMS for about 1 year

If you could have dinner with someone famous, living or deceased, who would it be?
With Jesus Christ, definitely, to find out the truth about his life and existence. As for a living person, I would like to meet Placido Domingo. He seems to be very pleasant.

What is the last book you read or movie you saw?
The last book is *The Stranger* by Albert Camus. The movie is my favorite, *Lock, Stock & Two Smoking Barrels*. It doesn't disappoint, although I've seen it several times.

What did you do last Saturday?
Nothing serious. Just played basketball.

You have unlimited funds for a one week dream vacation, where would you go?
To Polynesia, by yacht, I think.

Tell us something that others might find surprising about you?
The majority of people call me Vlad, but some of my friends call me Slava (according to two short versions of my name). This situation causes lots of surprises and misunderstandings. Actually, it even surprises me, because I really don't like the second version!

R Suresh Kumar

Lecturer in Statistics
SSN School of Management and Computer Applications, Chennai, India
Member of IMS for one year

If you could have dinner with someone famous, living or deceased, who would it be?
Swami Vivekananda, the valiant monk who proclaimed the greatness of Hinduism and of Indian culture to the western world in the past century. He was a great thinker who dedicated his life to India, and yearned for the progress of the poor, the helpless and the downtrodden.

What is the last book you read or movie you saw?
Kaadhal (a Tamil movie).

What did you do last Saturday?
I had dinner with my friends in a hotel.

You have unlimited funds for a one week dream vacation, where would you go?
Mauritius.

Tell us something that others might find surprising about you?
I have often been able to provide surprising solutions to my friends' problems.

FREE!

FREE IMS MEMBERSHIP FOR STUDENTS

Students also receive a free print journal with their free membership.
Spread the word!

http://www.imstat.org/membership/student.htm

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Reminder: Reduced Dues Available

Reduced dues are available to two groups of people:

(i) retired individuals who are IMS members of 10+ years, and

(ii) permanent residents of countries with a gross national product per capita of less than US$9205. The list of these countries is at http://www.imstat.org/membership/designated_countries.htm

Please contact the Dues and Subscriptions Office (see panel on page 2) for more information on membership.

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Referees for the *Annals of Statistics* in 2004

Morris L Eaton and Jianqing Fan would like to thank all the members of the statistical profession who served as referees for papers during 2004. Without the work of referees, the *Annals* would not exist in its current form.

The full list is online at http://www.imstat.org/aos/referees_list.2004.html

IMS Council Members 2004–05

Alan Karr, Steve Marron, Per Mykland, David W Scott, Jane-Ling Wang, Richard Gill, Hans Künsch, Christian Robert, Ruth Williams, Erwin Bolthausen, Tom DiCiccio, Nancy Flournoy, Xuming He, Susan Holmes and Michael Steele.

Are you organising a meeting? You want people to know about it, so tell us, and we'll tell everyone else. Here's how:

Meetings Announcements should be sent to Elyse Gustafson, IMS Executive Director erg@imstat.org who will then submit them to the *IMS Bulletin,* e-Bulletin and IMS web site. There is no charge for this service.

Announcements for non-IMS sponsored meetings may be included in an IMS e-bulletin (monthly email to members) upon request. Announcements are updated on the web site daily, and will be included in the next available printed *IMS Bulletin (*see deadlines inside back cover).

Announce Early

As soon as the meeting name, dates, location, and web page are set for the meeting, submit this information. We will place it immediately into the web and *Bulletin* calendars. This will help people put it on their radar screen. The sooner, the better for this: we can place this information months to years in advance.

Print Advertisements

IMS publishes meeting advertisements as a service to its members and the statistical community. All advertisements are subject to editorial approval and may be edited.

Advertisements should be limited to 200 words or 1/3 page. Meetings that are not IMS sponsored/co-sponsored are limited to one advertisement, though the meeting will remain in the *Bulletin's* Calendar until it happens. IMS sponsored and co-sponsored meetings are not limited in the number of advertisements: these can (and should) be re-written as new information becomes available, to keep them fresh.

Advertisements should be submitted at least 6-9 months prior to the meeting. Special consideration should be given to deadlines when placing advertisements. You want to ensure people have a chance to see the ad in time to make your deadlines. Mail dates for the Bulletin can be found inside the back cover.

Advertisements should include:

- Meeting name, dates and location, and web address
- Important deadlines (abstract submission, registration)
- Titles of plenary sessions and speakers
- Other items to entice attendees
- If you have a suitable print quality image of the location, you can include this. It must be at least 300dpi tiff, jpeg, etc.

Overall the goal of the ad is grab readers' attention; they then should be directed to the web site to get more information and register. Advertisements should not include general items that can be found on the web site, i.e. registration forms, local information, abstracts.

IMS Meetings around the world

Minneapolis: Joint Statistical Meetings 2005

IMS Co-sponsored Meeting:

2005 Joint Statistical Meetings (including the 68th IMS Annual Meeting)

August 7–11, 2005

Minneapolis Convention Center, Minneapolis, MN

http://www.amstat.org/meetings/jsm/2005

Late-Breaking Sessions

Late-breaking sessions were created to circumvent the problem of omitting important, newly emerging topics. JSM programs now include up to two late-breaking sessions, defined as a session that covers one or more technical, scientific, or policy-related topics that have arisen in the one-year period prior to the JSM in which the session is intended to appear. Proposals will be judged on their statistical and scientific quality, novelty, and timeliness of material, potential audience appeal, and completeness. Proposals for late-breaking sessions for JSM 2005 should be submitted to the Program Chair between March 15 and April 29, 2005, via email to Daniel Heitjan (dheitjan@cceb.upenn.edu), copied to General Methodology co-chairs John E Kolassa (kolassa@stat.rutgers.edu) and Michael R Elliott (melliott@cceb.upenn.edu). Full details from the JSM website above.

Why "Minneapolis"?

The name "Minneapolis" was chosen for the small settlement on the west bank of the Mississippi river in the 1850s. The word is a combination of the Dakota Sioux word *minne*, meaning water, and the Greek word *polis*, meaning city.

Source: www.ci.minneapolis.mn.us

There's lots to see and do in Minneapolis. Visit the Science Museum [above], cycle in the parks [right], see some marine life [below], or a sculpture or two [left].

JSM2005 August 7-11 Minneapolis
Using Our Discipline to Enhance Human Welfare

***Key Dates** from www.amstat.org/meetings*

- *April 1:* Preliminary technical program online
- *May 2:* Registration and hotel booking available online
- *May 31:* Preliminary PDF program online
- *June 1:* Draft manuscripts due to session chairs
- *June 30:* Early bird registration ends
- *July 1–21:* Advance registration (increased fees)
- *July 12:* Final PDF program available
- *July 14:* Hotel reservations deadline
- *August 6–11:* On-site registration

IMS SESSIONS:

IMS Program Chair: David Madigan

Wald Lectures: Srinivasa Varadhan (Courant Institute, New York University).

Neyman Lecture: David Brillinger (University of California at Berkeley)

IMS Medallion lecturers: Andrew Barron (Yale University), Oleg Lepski (Université de Provence), Art Owen (Stanford University), and Adrian Raftery (University of Washington).

IMS Co-Sponsored Meeting,

2005 Conference on Stochastic Processes and their Applications

June 26 - July 1, 2005; Santa Barbara, California

UPDATED

IMS Rep: Raya Feldman.

For more information please check the conference website at http://www.pstat.ucsb.edu/projects/spa05/

SPA'05 will be a major international meeting, covering the most exciting recent developments in probability. It will be held on the sunny seaside campus of the University of California at Santa Barbara. Opening with a reception on Sunday June 26th, the program will include three Special Invited Lectures given by leading researchers, 13 invited talks, and numerous contributed talks.

A mid-conference tour and conference dinner will encourage informal interactions between participants. Some evenings are left free for the participants to explore the beautiful town of Santa Barbara or swim in the Pacific Ocean at nearby Goleta beach.

The meeting is held under the auspices of the Bernoulli Society for Mathematical Statistics and Probability and co-sponsored by the IMS.

The program will feature a Lévy Lecture delivered by Jean Bertoin (Paris VI); two IMS Medallion Lectures presented by Jean-François Le Gall (Paris VI) and Alain-Sol Sznitman (ETH Zurich); and invited lectures by Percy Deift (Courant), Darrell Duffie (Stanford), Janos Englander (UC Santa Barbara), Nina Gantert (Karlsruhe), Peter Glynn (Stanford), Claudio Landim (IMPA), Vlada Limic (Vancouver), Leonid Mytnik (Technion), Walter Schachermayer (Vienna), Jonathan Taylor (Stanford), Bálint Tóth (Budapest), Tandy Warnow (U.T. Austin), and Nobuo Yoshida (Kyoto).

Participants who plan to deliver a contributed paper, should submit an abstract to the conference website by April 9, 2005. Online registration is now open; please notice fee increases after May 10, 2005. Early registration is highly advisable because summer is a tourist season in Santa Barbara and hotels get full quickly.

We especially welcome submissions from new researchers and graduate students. Funding is available: see announcement, right.

A satellite one-day workshop on ***Stochastic Models in Molecular and System Biology*** organized by Guillaume Bonnet will take place at UCSB on Sunday, June 26, 2005.

CALL FOR APPLICATIONS:

SPA'05 Travel Support Available

Funding is available from the US National Science Foundation and the US Army Research Office, for a block travel grant to help defray the travel costs of junior researchers and members of underrepresented groups from the United States institutions participating in the 30th Conference on Stochastic Processes and their Applications in Santa Barbara, California (see main announcement, left).

Junior researchers are those who received a PhD in 1999 or later, or who are advanced graduate students working on PhD dissertations. All applicants must be affiliated with a US institution and residing in the United States (though not necessarily US citizens). Following standard NSF restrictions concerning travel, recipients of travel grant funds for airfare must travel on US carriers. All grant recipients must provide receipts for expenses to be reimbursed, whether for airfare or subsistence.

Applications received by April 10, 2005, will receive full consideration. Applications will be reviewed by a Local Organizing Committee for the Conferences on Stochastic Processes. Applicants will be notified of awards on or before April 20, 2005. Each application must include the following:

i) A two page vita including education (all applicants except current PhD students should include PhD year, institution and dissertation title), current position, current research interests, complete list of publications. Advanced PhD student applicants should include a letter of recommendation from their dissertation advisor (can be just a paragraph);
ii) Expected level of participation at the conference, e.g. will give a talk (include title and abstract);
iii) Complete mailing address and e-mail address;
iv) Amount of support requested (with break-down of the expected costs into categories) and any partial support available from other sources;
v) Any federal research or other grants held;
vi) A statement that the applicant meets the eligibility criteria above.

Those eligible who wish to be considered for travel support should send their applications, *preferably by e-mail*, to Professor Raya Feldman, SPA'05 Local Organizing Committee, at spa-travel@pstat.ucsb.edu or by mail to Dept of Statistics and Applied Probability, University of California, Santa Barbara, CA 93106.

New Directions in Probability Theory 2005

IMS co-sponsored meeting

August 5-6, 2005, IMA, University of Minnesota, Minneapolis, MN

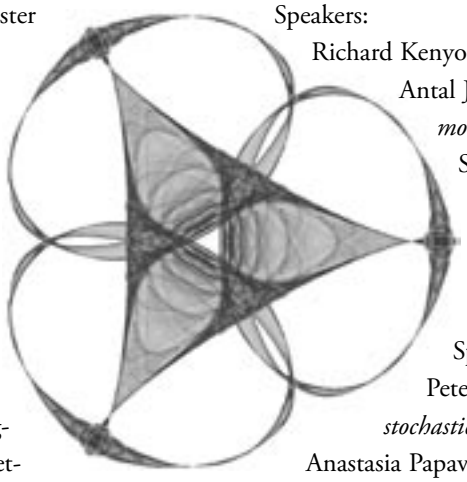
http://www.imstat.org/meetings/NDPT05/

UPDATED

The meeting *New Directions in Probability Theory* will take place on August 5-6, 2005. It is co-sponsored by IMS and the Institute for Mathematics and its Applications (IMA).

The meeting immediately precedes the Joint Statistical Meetings of August 7-11 (co-sponsored by ASA, IMS, ENAR, WNAR). It will take place on Friday/Saturday and will be held at the IMA at the University of Minnesota.

The meeting consists of five sessions of invited lectures, a poster session of contributed papers, and four one-hour lectures, of which three are IMS Medallion Lectures. It is intended for a general probability audience interested in recent developments in probability theory.



There will be no registration fee for the meeting. However, space is limited, and so early registration is recommended.

One-Hour Lectures:

Terry Lyons, Oxford University: *Rough paths: a top down description of controls*

Amir Dembo, Stanford University (IMS Medallion Lecture): *TBA*

Ofer Zeitouni, University of Minnesota (IMS Medallion Lecture): *Recent results and open problems concerning motion in random media*

Program & Local Organizer:

Maury Bramson, University of Minnesota
bramson@math.umn.edu

Program:

Flows and Random Media

Organizer: Mike Cranston, University of California, Irvine and University of Rochester

Speakers:

Timo Seppalainen, University of Wisconsin: *Spatial inhomogeneities and large scale behavior of the asymmetric exclusion process*

Peter Mueller, Goettingen University: *Spectral asymptotics of Laplacians on bond-percolation graphs*

Ken Alexander, USC: *Pinning of polymers and interfaces by random potentials*

Probability, Combinatorics, and Statistical Mechanics

Organizer: Russell Lyons, Indiana University

Speakers:

Richard Kenyon, University of British Columbia: *Simple random surfaces in Z3*

Antal Jarai, Carleton University: *Infinite volume limit of the Abelian sandpile model on Z^d*

Scott Sheffield, Courant Institute and IAS: *Tug of war and the infinity Laplacian*

Stochastic Integration

Organizer: Terry Lyons, Oxford University

Speakers:

Peter Friz, Cambridge University: *Some applications of rough path theory to stochastic analysis*

Anastasia Papavasiliou, Princeton University: *Applications of rough paths to speech recognition*

Zhongmin Qian, Oxford University: *Stochastic integrals for processes with long-time memory*

Stochastic Partial Differential Equations

Organizer: Jonathan Mattingly, Duke University

Speakers:

Martin Hairer, University of Warwick: *Stochastic modulation equations*

Nicolai Krylov, University of Minnesota: *On the foundation of the Lp-theory of SPDEs*

Jonathan Mattingly, Duke University: *Ergodicity of the Degenerately forced Stochastic Fluid Equations*

Random Walk in Random Environment

Organizer: Ofer Zeitouni, University of Minnesota

Speakers:

Nina Gantert, University of Karlsruhe: *Random walk in random scenery*

Vladas Sidoravicius, IMPA: *Aggregation type growth - conjectures and new results*

Martin Zerner, University of California, Davis: *On some self-interacting random walks in random environment*

Now IMS co-sponsored:

The Fifth International Workshop on Objective Bayesian Methodology
June 4-8, 2005
Branson, Missouri, USA

NEW

http://www.stat.missouri.edu/~bayes/Obayes5/

The Fifth International Workshop on Objective Bayes Methodology ("OBayes5") is co-sponsored with IMS and ISBA.

The principal objectives of OBayes5 are to facilitate the exchange of recent research developments in objective Bayes methodology, to provide opportunities for new researchers to shine, and to establish new collaborations and partnerships that will channel efforts into pending problems and open new directions for further study. OBayes5 will also serve to further crystallize objective Bayes methodology as an established area for statistical research.

We are pleased to have the following distinguished speakers: Susie J Bayarri; James O Berger; Jose M Bernardo; Don Berry; Larry Brown; Ronald Christensen; Merlise Clyde; Peter Hoff; Edward Goerge; Jayante K Ghosh; Malay Ghosh; Valen E Johnson; Wesley O Johnson; Feng Liang; Brunero Liseo; Peter Mueller; Robert E McCulloch; Glen Meeden; Judith Rousseau; Rui Paulo; Richard Smith; Paul L Speckman; Keying Ye; Linda Zhao.

Travel support

Funding is available to support the travel expenses of some young participants (beginning assistant professors, post-doctoral researchers, and graduate students).

To apply for a travel award, please submit: a one page CV, a nomination letter from a major professor or mentor, and an abstract of a poster to be presented at the workshop to Dongchu Sun at sund@missouri.edu before April 15, 2005

Now IMS co-sponsored:

13th INFORMS Applied Probability Conference
July 6-8, 2005
The Westin, Ottawa, Canada

NEW

http://appliedprob.society.informs.org/ottawaconf.html . Contact conference Co-chair Doug Down downd@univmail.cis.mcmaster.ca

Our three plenary speakers, and their tentative talk titles, are:

David Aldous (University of California at Berkeley): *Flows through Random Networks*

Onno Boxma (Eindhoven University of Technology): *Processor sharing*

Darrell Duffie (Stanford University): *Estimating Term Structures of Actual and Risk-neutral Default Probabilities*

IMS Co-sponsored Meeting:

Twelfth Annual Spring Research Conference (SRC) on Statistics in Industry and Technology
June 1-3, 2005, Park City, Utah

http://src2005.byu.edu/

The theme of SRC 2005 is *"Statistics: A Diverse Field for a Diverse World."*

Contact Shane Reese, Brigham Young Univ: reese@stat.byu.edu

IMS co-sponsored meeting:

Frankfurter Stochastik-Tage / German Open Conference on Probability and Statistics
March 14–17, 2006
Goethe-University Frankfurt/Main, Germany

http://stoch2006.math.uni-frankfurt.de/index_en.html

IMS Reps: Norbert Henze, Arnold Janssen, Christine Mueller, Axel Munk, Rainer Schwabe, Anton Wakolbinger

This conference is held every two years by the Fachgruppe Stochastik of the German Mathematical Society. It provides a forum for participants from universities, business, and industry to discuss new results in the area of probability and statistics.

Contact: Frankfurter Stochastik-Tage 2006, German Open Conference on Probability and Statistics, c/o Prof. Dr. Götz Kersting, Goethe-Universität Frankfurt, ISMI - Institut für Stochastik & Mathematische Informatik, Robert-Mayer-Str. 10, D-60325 Frankfurt, Germany. **f** 0049-(0)69-798 23881; **t** 0049-(0)69-798 22644/28651; **e** stoch2006@math.uni-frankfurt.de

IMS co-sponsored meeting:

International Conference on Statistics in Honour of Professor Kai-Tai Fang's 65th Birthday ("Fang65")
June 20–24, 2005
Hong Kong

http://www.math.hkbu.edu.hk/Fang65
email: fang65@math.hkbu.edu.hk

Plenary speakers: Peter Bentler; Ching-Shui Cheng; A Philip Dawid; Jianqing Fan; Peter Hall; Fred J Hickernell; Dennis K J Lin; Xiao-Li Meng; Rahul Mukerjee; Harald Niederreiter; Ingram Olkin; Dietrich von Rosen; Ming Tan; Henry P Wynn; Grace L Yang

More IMS Meetings around the world

IMS Co-sponsored Meeting:

2005 WNAR/IMS Western Regional Meeting
Fairbanks, Alaska
June 21–24, 2005
[SEE POSTER, RIGHT]

UPDATED

http://www.uaf.edu/wnar/

Organizer: Christiana Drake, drake@wald.ucdavis.edu
IMS Program Chair: Thomas Lee

The University of Alaska Fairbanks will host the 2005 joint annual meeting of WNAR and IMS. Contributed, invited, and student paper sessions are planned, as well as one or more continuing education workshops. Textbook vendors plan to make recent titles available for review and purchase at the meeting.

Participants are encouraged to register and make airline and lodging reservations early, as June is peak tourist season. For those wanting to see more of Alaska before or after the conference, the conference web page provides a link to the Fairbanks Convention and Visitors Bureau where you can plan your Alaskan adventure. Hiking, white-water rafting and sight seeing at Denali National Park is about a two-hour drive from Fairbanks.

The planned deadline for abstracts is April 15, 2005. Please check the website for updated information as it becomes available.

Contact Gilbert Felingham gwf@byu.edu, phone 801-422-2806

IMS Medallion Lecture: Christian Robert

IMS Invited Sessions:

Inference for Spatial Processes
Organizer: Jay Breidt; Speakers Mikyoung Jun, Giovanna Ranalli, Jun Zhu

Model Selection in a GIS World
Organizer: Alix Gitelman; Speakers: Kathryn Georgitis, Alix Gitelman, Devin Johnson, and John Van Sickle

Machine Learning
Organizer: Yi Lin; Speakers: Yoonkyung Lee, Xiaotong Shen, and Tao Shi

Statistical Modeling and Computation in Biology [joint WNAR/IMS invited session]. Organizer: Dan Nicolae; Speakers Haiyan Huang, Dan Nicolae, Matthew Stephens

Causal Inference
Organizer: David van Dyk; Speakers: Constantine Frangakis, Paul Rosenbaum, and Donald Rubin

IMS Co-sponsored Meeting:

2006 WNAR/IMS Western Regional Meeting
Flagstaff, AZ
June 2006
IMS Program Chair: TBA.

IMS Co-sponsored meeting:

Workshop on Stochastic Methods in Game Theory
Centro Majorana, Erice, Italy, September 24-October 2, 2005
IMS Rep is Marco Scarsini
http://web.econ.unito.it/scarsini/Erice2005/

IMS Sponsored meeting:

Stochastic Processes and Applications XXXI
Paris, France, July 17–21, 2006
IMS reps: E Perkins, J Pitman, P Protter, A Sznitman, S Tavare and E Waymire.
http://www.proba.jussieu.fr/pageperso/spa06/index.html

ENAR

IMS Co-sponsored Meetings:

2006 ENAR/IMS Spring Meeting
March 19-22, 2006
Hyatt Regency, New Orleans, LA
http://www.enar.org/meetings.htm

2007 ENAR/IMS Spring Meeting
April 15-18, 2007
Fountainebleau Hilton Resort Miami, FL
http://www.enar.org/meetings.htm

These meetings are also listed on the 'Meetings' page of the IMS website, at http://www.imstat.org/meetings

Where can you…

- ☼ experience 24 hours of daylight?
- ☼ see North America's highest mountain?
- ☼ hear about interesting statistical problems?
- ☼ network with other statisticians?

WNAR/IMS 2005

June 21-24, 2005 Fairbanks, Alaska

http://www.uaf.edu/wnar/

…at the 2005 meeting of WNAR and IMS (Western North American Region of the International Biometrics Society and the Institute of Mathematical Statistics) at the University of Alaska in Fairbanks!

Short Course

Bayesian Clinical Trials, Scott Berry

Sample of Invited Sessions

Time-varying treatment effects in clinical trials

Modeling air pollution exposure and response

Functional data analysis

Computational biology

Inference for spatial/non-stationary processes

Machine learning

Activities for New Researchers

Student paper competition

New researchers' luncheon

New researchers' session on spatial statistics

Traveling to Fairbanks

Make airline and hotel reservations early: June is peak tourist season!

Discount fares on Alaska Airlines for conference participants

Some student travel awards are available

Other attractions

Banquet on a stern-wheel riverboat

Textbook publishers' booths

Experience 24-hour daylight on June 21, the longest day of the year!

See the fantastic scenery and wildlife in Denali National Park, 121 miles from Fairbanks

For more information, see the WNAR/IMS 2005 conference website at www.uaf.edu/wnar/

Join WNAR at www.wnar.org and IMS at www.imstat.org

IMS Sponsored meeting:

8th North American New Researchers Conference
August 2–6, 2005 (immediately before JSM)
University of Minnesota

http://pages.pomona.edu/~jsho4747/NRC/NRC.htm

Contact: Jo Hardin, Pomona College, Department of Mathematics, 610 North College Avenue, Claremont, CA 91711 **t** (909) 607-8717 **e** jo.hardin@pomona.edu; Galin Jones, School of Statistics, University of Minnesota, 313 Ford Hall, 224 Church Street S.E., Minneapolis, MN 55455. **e** galin@stat.umn.edu; **f** 612.624.8868

Invited Keynote Speakers:
Grace Wahba University of Wisconsin, Madison
Sandy Weisberg University of Minnesota, Minneapolis
Rick Cleary Bentley College
The winner of the Tweedie New Researcher Award (to be announced)
Louis Chen President of the IMS, National University of Singapore
Speakers at Journal panel session: Frank Samaniego University of California, Davis, editor of *JASA – Theory and Methods;* Jim Albert Bowling Green State University, editor of *The American Statistician.* Speaker at Funding panel session: Bob Serfling, NSF

IMS Co-sponsored Meeting:

The Joint Meeting of the Chinese Society of Probability and Statistics (CSPS) and IMS
July 9–12, 2005
Beijing, China

http://math.bnu.edu.cn/statprob/CSPS-IMS2005/index.html

The joint meeting of the Chinese Society of Probability and Statistics (CSPS) and the Institute of Mathematical Statistics will take place at Peking University, Beijing on July 9–12, 2005.

The invited program covers a wide range of topics in statistics and probability, presenting recent and state-of-the-art developments in modern methodology research and applications such as nonparametric statistics, machine learning, finance, bioinformatics, environmental statistics, and information technology. Submissions of contributed papers are invited to the conference website with a deadline of January 20, 2005.

Moreover, a half day sightseeing to the Great Wall during the meeting is planned and an after-meeting program and an accompanying persons program during the meeting are also being planned. Please visit the conference website for updates.

The main speakers, with titles where known, are confirmed as:

Probability part: J Theodore Cox, Syracuse University, USA; Zhiming Ma, Chinese Academy of Sciences, PRC; Shige Peng, Shandong University, PRC; Fengyu Wang, Beijing Normal University, PRC

Statistics part: Zhi Geng, Peking University: *Effect Reversal, Collapsibility and Decomposibility for Causal Inference;* Peter Hall, Australia National University; Xihong Lin, University of Michigan: *Nonparametric and Semiparametric Regression for Longitudinal/ Clustered data and High Dimensional Data;* John Rice, University of California, Berkeley; Fengzhu Sun, University of Southern California: *The International HapMap Project and Disease Association Studies;* and Jeff Wu, Georgia Institute of Technology

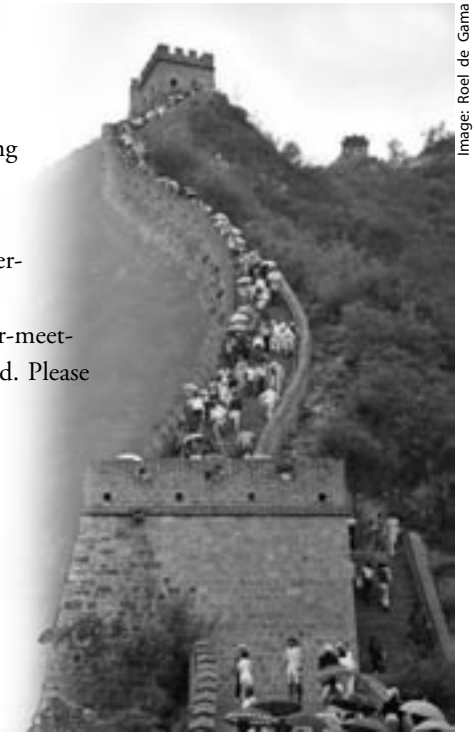


Image: Roel de Gama
Visit the Great Wall during your stay

We look forward to meeting you in Beijing!

Mufa Chen & Guoying Li, Chairs of the CSPS Program Committee; *Bin Yu*, Chair of the IMS Program Committee; *Zhi Geng & Shuyuan He*, Chairs of the Local Organizing Committee

Other Meetings Around the World: Announcements and Calls for Papers

LASR 2005: Quantitative Biology, Shape Analysis, and Wavelets.
4–6 July, 2005
Leeds, UK

UPDATED

http://www.maths.leeds.ac.uk/statistics/workshop/
Contact: workshop@maths.leeds.ac.uk

The Leeds Annual Statistical Research [LASR] Workshop is a well established annual event now looking forward to its 24th year.

Although begun as an internal event, it now enjoys the support of a number of visitors each year from other universities and research bodies from around the world.

These workshops usually extend over three days with input by one or more invited speakers.

Over recent years, the theme of the workshop has reflected the growing, but not exclusive, departmental interest and expertise in bioinformatics, image and shape analysis, and wavelets.

Pentecost Meeting of the German Statistical Society
May 19–20, 2005
University of Münster, Germany

NEW

Deadline for Abstracts: April 8, 2005
http://www.wiwi.uni-muenster.de/statistik/pfingsttagung/

Statistical Week: Annual Meeting of the German Statistical Society
September 26–29, 2005
Braunschweig, Germany

NEW

Deadline for Abstracts: April 15, 2005
http://www.statistische-woche.de

4th Conference on Extreme Value Analysis: Probabilistic and Statistical Models and their Applications
Gothenburg, August 15-19, 2005

NEW

http://www.math.ku.dk/~mikosch/maphysto_extremes_2005/extremes.html

The Fourth International Conference on Extreme Value Analysis will be hosted by the Stochastic Centre of Chalmers University Gothenburg and by MaPhySto, The Danish Research Network for Mathematical Physics and Stochastics.

As in the previous meetings, the 2005 meeting will schedule review papers and original research on all aspects of risk and extreme value theory and their applications. The emphasis will be on probabilistic modeling, statistical analyses, and applications in: demography; Earth sciences; hydrology and atmospheric sciences; finance, economics and insurance; biosciences; physics; telecommunications and stochastic networks; and material sciences.

It is the aim of the conference to bring together a wide range of researchers, practitioners, and graduate students whose work is related to the analysis of extreme values in a wide sense. Topics of interest include:

- Classical extreme value theory
- Novel applications of extreme value theory
- Statistics of extremal events
- Heavy-tailed phenomena
- Large deviations
- Methods of risk analysis
- Stochastic processes for extremes
- Rare event simulation
- Multivariate extremes
- Dependence and extremes
- Spatio-temporal models

Send your announcement to erg@imstat.org

PROBASTAT 2006
Fifth International Conference on Probability and Statistics
June 5–9, 2006
Smolenice Castle, Slovak Republic

NEW

http://aiolos.um.savba.sk/~viktor/probastat.html

The 5th International Conference on Probability and Statistics, PROBASTAT 2006, will be held at Smolenice Castle, Slovakia, from June 5–9, 2006. Smolenice is a village in the west of Slovakia, about 60 km from the capital, Bratislava. Smolenice Castle, once a medieval stronghold, is surrounded by a beautiful park and towers above the village. Restored in the Romantic style, the Castle is now a conference and meeting venue.

The conference sessions will cover the following areas:

- Regression and Mixed Models (Chairs: Marie Husková, Charles University, Prague, and Júlia Volaufová, Louisiana State University Health Sciences Center, New Orleans)
- Experimental Design (Chairs: Werner Müller, University of Economics and B.A., Vienna, and Andrej Pázman, Comenius University, Bratislava)
- Time Series (Chair: Benedikt Pötscher, University of Vienna)
- Statistical Learning (Chair: Ivan Mizera, University of Alberta, Edmonton)

There will be invited talks on these areas. Contributed papers or posters on these areas or others are welcome. A Proceedings volume is intended to be published after the Conference.

For more details visit the conference web site where the information is regularly updated, or contact the organizers at *PROBASTAT2006, Institute of Measurement Science, Slovak Academy of Sciences, Dubravska cesta 9, 841 04 BRATISLAVA, Slovak Republic*.
E-mail: probastat@savba.sk

[above] This monument marks the contribution of Štefan Banič (1870-1941), a Smolenice inventor who while living in America, constructed the first prototype parachute and in 1914 demonstrated it to the US Patent Office by jumping off a 41-storey building. He donated the design to the US Army Signal Corps and the American Society for the Promotion of Aviation, receiving neither money nor recognition for it. His invention became important in the First World War, and in modern aviation.

[below] Smolenice Castle is set in beautiful countryside..

Siena Conference commemorating C Gini and M O Lorenz
May 23-26 2005
Siena, Italy

UPDATED

The conference web site is now ready: http://www.unisi.it/eventi/GiniLorenzo5/

Contact: Roberta Corsi at corsir@unisi.it for accommodation, registration and logistics; Francesca Ballini at ginilorenzo5@unisi.it for programme details or other information.

Looking forward of meeting you in Siena,
Achille Lemmi
Organising Committee, President

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Canada: Newfoundland

Memorial University of Newfoundland Department of Mathematics and Statistics

Memorial University of Newfoundland

The Department of Mathematics and Statistics at Memorial University of Newfoundland invites applications for an NSERC University Faculty Award (UFA) directed at increasing the representation of Women and Aboriginal Peoples in Science and Engineering. A successful candidate will be appointed as a regular tenure-track faculty member at the Assistant Professor level in the Department of Mathematics and Statistics, starting September 1, 2006. A PhD in Mathematics or Statistics with evidence of outstanding research and excellent teaching is required. All areas of Pure and Applied Mathematics and Statistics will be considered. Duties will include teaching at the graduate and undergraduate levels.

Review of applications will begin June 1, 2005, and continue until a candidate is identified for submission to NSERC by October 15, 2005. Candidates should submit a Curriculum Vitae, a description of research interests. They should also arrange for the names and addresses of three referees be sent to:

Interim Head of Department
VPA-MAST-2004-002
Department of Mathematics & Statistics
Memorial University of Newfoundland
St. John's, NL, A1C 5S7 Canada

E-mail: mathstat@math.mun.ca
Internet: http://www.math.mun.ca

You MUST use the code VPA-MAST-2004-002 on all correspondence. You MUST also indicate the appropriate discipline; Applied Mathematics, Pure Mathematics, or Statistics

Memorial University is the largest university in Atlantic Canada. As the province's only university, Memorial plays an integral role in the educational and cultural life of Newfoundland and Labrador. Offering diverse undergraduate and graduate programs to almost 18,000 students, Memorial provides a distinctive and stimulating environment for learning in St. John's, a very safe, friendly city with great historic charm, a vibrant cultural life, and easy access to a wide range of outdoor activities.

In accordance with NSERC UFA eligibility requirements only Canadian citizens and permanent residents of Canada should apply. Partners of candidates for positions are invited to include their resume for possible matching with other job opportunities.

Germany: Göttingen

At the Institute for Mathematical Stochastics of the Mathematical Faculty of the Georg-August-Universität Göttingen, a position is open for a

W 3 Professorship (BesGr. W3 BBesO)

in the field of

Stochastics and its Applications,

starting **1st of October 2005**.

Applicants should have an outstanding research and publication record. The candidate is expected to take part in all teaching, research and administration tasks of the institute. Furthermore, he or she should represent an actual field in stochastics and its applications (possibly in life or computational sciences) which is strongly related to statistics. Active cooperation with the Center of Statistics is expected.

The placement prerequisites for a professorship appointment are given by § 25 NHG (Nds. GVB1. 2002 page 286). Details will be given on request.

The University of Göttingen is aiming to increase the share of female faculty members in research and teaching. Thus qualified women are especially encouraged to apply. Part time employment may also be possible. Disabled candidates will be given preference in the case of equal qualifications.

Applications with CV, list of publications, description of third party funded projects, teaching and research resume should be sent by 1th of May 2005 to the Dean of the Mathematics Faculty, Bunsenstr. 3-5, 37073 Göttingen.

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USA: Arizona

Faculty Position in Biostatistics
BIO5 Institute, University of Arizona

The University of Arizona seeks to hire, with tenure, a statistician at the associate or full professor level to play a leadership role in building an interdisciplinary research and training program in statistics.

Candidates should have a strong research record in both theoretical and applied statistics with some emphasis on biological and biomedical applications, and have the necessary personal skills and intellectual qualifications to foster cooperative ventures across campus and promote interdisciplinary research initiatives.

The successful candidate will also be expected to play a leading role in hiring new junior faculty in various areas of statistics and its applications.

Interested parties may apply online at http://www.uacareertrack.com (citing job # 32102) and arrange to have three letters of recommendation sent to:

Dr. Bruce Walsh
Chair, Statistics Search
The University of Arizona
BIO5 Institute
Forbes Building, Rm. 304
Tucson, AZ 85721-0036

Review of applications will commence April 1, 2005 and continue until the position is filled. The University of Arizona is an EEO/AA Employer-M/W/D/V.

USA: Florida

University of Florida

Assistant in Statistics, to assist in sampling survey, statistical analysis, formulation of models and conclusions on outcomes of care in rehabilitation and the organizations and delivery of health care.

MS in Statistics, good oral and written communications skills required. Three years in job experience preferred.

Send CV and two reference letters to:

Search Committee, Statistics Department, University of Florida, PO Box 100212, Gainesville, FL 32610.

Application deadline: 4/20/2005. EOE.

USA: California

UCIrvine
University of California, Irvine

Biostatistics – Tenured Faculty Position

The University of California, Irvine (UCI) invites applications for a tenured faculty position in biostatistics to begin Fall 2005 or Winter 2006. This full-time appointment will be divided between the Department of Statistics (www.stat.uci.edu) and the Department of Medicine (www.ucihs.uci.edu/com/deptmed/). The occupant of this position will also be a member of the faculty of the UCI Center for Health Policy Research (www.rgs.uci.edu/ru/hpr.htm).

Successful candidates will possess a PhD in biostatistics, statistics, or a related field, along with an established record of methodological health services and clinical research, a national and/or international reputation of scholarship, and a strong history of extramurally-funded research.

UCI is one of the youngest campuses in the University of California, yet ranks among the top 15 public universities nationally. The Center for Health Policy Research is a growing, highly productive, interdisciplinary organization with 8 faculty members and a strong history of clinical policy, health services, and behavioral sciences research. The Department of Statistics, in the Donald Bren School of Information and Computer Sciences, has a strong interdisciplinary flavor.

The review of applications will begin April 30, 2005. Informal inquiries may be directed to Professor Hal Stern of the Department of Statistics (sternh@uci.edu).

A cover letter indicating primary research interests, a CV, three recent publications and contact information for three to five references will be accepted at the following address:

Biostatistics Search Committee
Department of Statistics
346E Computer Science
University of California, Irvine
Irvine, CA 92697-1250

The University of California, Irvine is an equal opportunity employer committed to excellence through diversity, has a National Science Foundation Advance Gender Equity Program, and is responsive to the needs of dual career couples.

USA: Oregon

OREGON STATE UNIVERSITY

The Department of Mathematics invites applications for a tenure track Assistant Professor position specializing in applied probability and stochastic processes. Applicants should have a Ph.D in mathematics or a closely related field, significant active research engagement in applied probability or stochastic processes, and excellence in teaching. Interest in participating in team-based interdisciplinary research and graduate education involving ecosystem processes is desirable. The appointee will be expected to maintain a vigorous research program in the field of applied probability and stochastic processes and participate in teaching, advising and mentoring at the graduate and undergraduate levels. Applicants should send a letter of interest and a detailed curriculum vitae including a description of current and future research interests and a list of publications to:

Search Committee: Probability
Department of Mathematics
Oregon State University
Corvallis, OR 97331

Additionally three letters of recommendation, one of which addresses teaching, are required. They should be sent directly to the above address. For full consideration, complete application materials must arrive by April 15, 2005. Further information is available at http://www.math.oregonstate.edu/hiring.

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USA: New York

Cornell University

The Department of Statistical Science at Cornell University has become part of the Faculty of Computing and Information Science, and is preparing to expand in a number of new areas. We are particularly interested in, but are not limiting the search to, candidates with interests in computational statistics, machine learning and data mining, spatial statistics and geoinformatics, and computational biology and bioinformatics. Candidates must possess the potential for leadership in the core research and teaching missions of the Department as well as a serious commitment to interdisciplinary work. A PhD in statistics or related mathematical science is required. Appointments may be made at any of the professorial rank levels, depending on the qualifications of the candidates.

The search will be continued until all available positions are filled. While there is no particular deadline for applications, those received by March 15, 2005 will ensure consideration for the 2005-2006 academic year.

Applicants should submit a curriculum vitae, representative preprints or reprints, a concise statement of research interests and goals, and the names of at least three references to:

Professor Martin T. Wells, Chair, Department of Statistical Science
Cornell University, 301 Malott Hall, Ithaca, NY 14853
or to: stat_search@cornell.edu

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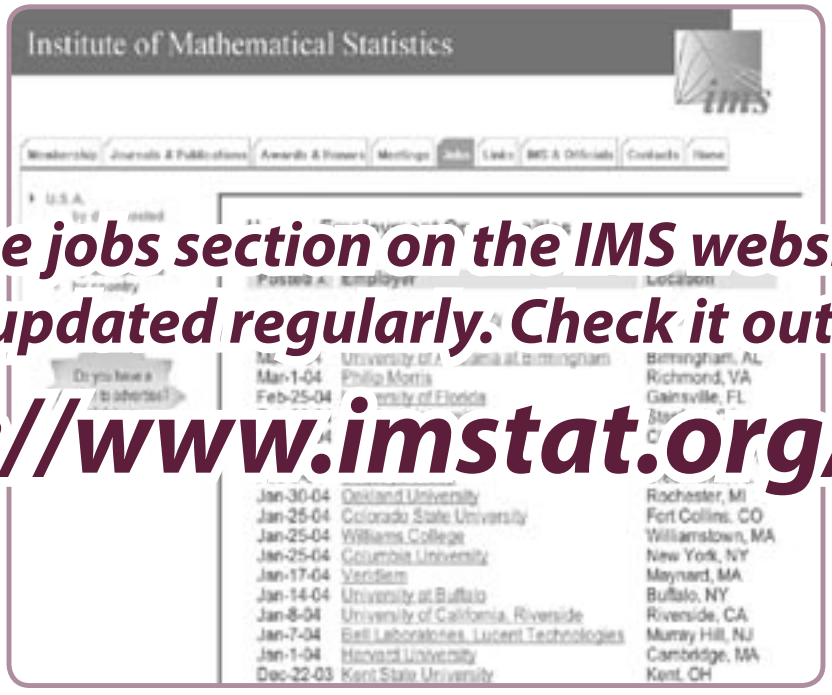

The jobs section on the IMS website is updated regularly. Check it out at

http://www.imstat.org/jobs

International Calendar of Statistical Events

IMS meetings are highlighted in maroon with the IMS logo and new or updated entries have the NEW 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

March 2005

IMS March 17–19: Arizona State University, Tempe. **Sixth International Conference on Forensic Statistics**. IMS Program Chair A John Bailer. **w** http://icfs.law.asu.edu/

IMS March 20–23: Austin, Texas. **2005 ENAR/IMS Spring Meeting**. IMS Program Chair A John Bailer. **w** www.enar.org/

March 21: Harvard University, Cambridge, MA. **Mathematical Modelling and Analysis of Language Diversification w** http://www.cs.utexas.edu/users/tandy/harvardwork.html

IMS March 24–26, 2005: Cornell University, New York. **2005 Seminar on Stochastic Processes. w** www.math.cornell.edu/~lawler/ssp2005.html

March 29– April 1: Massey University, Auckland, New Zealand. **14th International Workshop on Matrices and Statistics w** http://iwms2005.massey.ac.nz/

March 30–31: Trinity College Dublin, Ireland. **Young Statisticians Meeting 2005. e** ysm2005@tcd.ie

April 2005

April 5–12: Sydney, Australia. **ISI 2005: 55th Biennial Session.** Contact Annette Hants, isi2005@tourhosts.com.au **w** http://www.tourhosts.com.au/isi2005

April 13–14: Auckland, New Zealand. **IASS 55: Complex Sampling, Retrospective Sampling and Missing Data: conference in honour of Alastair Scott. w** http://www.stat.auckland.ac.nz/iass55/ Contact: Chris Wild **e** c.wild@auckland.ac.nz

April 13–16: Cairns, Tropical North Queensland, Australia. **Fourth International Conference on Statistics in Business and Industry: ISBIS-4.** A satellite meeting to the ISI Session in Sydney. Conference Director, Nick Fisher nif@valuemetrics.com.au, **t** +61 407 017 016 **w** www.action-m.com/isbis4

April 23: Storrs, CT. **The Nineteenth New England Statistics Symposium.** Contact Professor Mig-Hui Chen, NESS, Department of Statistics, University of Connecticut, 215 Glenbrook Road, U-4120, Storrs, CT 06269-4120, **t** (860) 486-6984 for messages (860) 486-3414, **e** mhchen@stat.uconn.edu **f** (860) 486-4113. Register online **w** www.stat.uconn.edu.

28 April: Keszthely, Hungary. **EU Enlargement from a Business Perspective: First International Conference. w** http://www.eucenter.org/training/conference.php

May 2005

May 14: University of California, Riverside. **Bayes, Multivariate and CASM: A statistics conference in honor of Jim Press w** http://statistics.ucr.edu/Bayes.htm

May 17-20: Brest, France. **ASMDA2005: XI International Symposium on Applied Stochastic Models and Data Analysis. w** http://asmda2005.enst-bretagne.fr Symposium General Chairs: JP Barthélemy, N Limnios and G Saporta. Information: asmda2005-organisation@enst-bretagne.fr

NEW May 19–20: University of Münster, Germany. **Pentecost Meeting of the German Statistical Society. w** http://www.wiwi.uni-muenster.de/statistik/pfingsttagung/

May 22–23: University of Maryland, College Park. **First Interdisciplinary Symposium on Statistical Challenges and Opportunities in Electronic Commerce Research. w** http://www.smith.umd.edu/dit/statschallenges/ Contact: Wolfgang Jank **e** wjank@rhsmith.umd.edu

May 22–24**:** Newport, Rhode Island, USA. **IEEE International Workshop on Genomic Signal Processing and Statistics (GENSIPS), 2005. w** http://binary.engin.brown.edu/gsps05/index.htm Contact: Aniruddha Datta **e** datta@ee.tamu.edu or Jie Chen **e** jie_chen@brown.edu

NEW May 23-26: University of Siena, Italy. **International Conference in Memory of Two Eminent Social Scientists: C. Gini and M. O. Lorenz.** Contact Achille Lemmi, Chairman Organizing Committee **w** http://www.unisi.it/eventi/GiniLorenz05/

June 2005

IMS June 1–3: Park City, Utah. **12th Annual Spring Research Conference on Statistics in Industry and Technology.** Contact Shane Reese reese@stat.byu.edu. **w** http://src2005.byu.edu/

June 2–4: Villa Monastero, Italy. **BISP4: 4th Workshop on Bayesian Inference in Stochastic Processes w** http://www.mi.imati.cnr.it/conferences/bisp4.html

NEW IMS June 4-8: Branson, Missouri, USA. **Fifth International Workshop on Objective Bayesian Methodology: OBayes5. w** http://www.stat.missouri.edu/~bayes/Obayes5/

June 8–14: Eger, Hungary. **Fejér-Riesz**

Conference. w http://www.math.u-szeged.hu/confer/fejer-riesz/Friesz.htm

June 12–15: Saskatoon, Canada. **SSC2005: Annual Meeting of the Statistical Society of Canada. e** bickis@math.usask.ca

June 12–17: Jyväskylä, Finland. **The 5th International Conference on Robust Statistics. w** http://www.stat.jyu.fi/icors2005 **e** icors@maths.jyu.fi

June 14–18: University of Southern California, Los Angeles. **Random Media and Stochastic Partial DifferentialEquations.** Organizer: S Lototsky (lototsky@math.usc.edu). **w** http://math.usc.edu

June 15-18: Izmir University, Turkey. **Ordered Statistical Data: Approximations, Bounds and Characterizations.** Ismihan Bayramoglu **e** ismihan.bayramoglu@ieu.edu.tr **w** http//dm.ieu.edu.tr/osd_2005

June 19-25: Bressanone-Brixen, Italy. **Computational and Statistical Aspects of Microarray Analysis (III). w** http://www.economia.unimi.it/marray **e** stefano.iacus@unimi.it

June 20–24: Santa Fe, NM. **4th International Conference on High Dimensional Probability (HDP) w** http://www.math.udel.edu/~wli/conf/hdp05/

June 20–24: Hong Kong. **International Conference on Statistics in Honour of Prof Kai-Tai Fang's 65th Birthday w** http://www.math.hkbu.edu.hk/Fang65

June 21–24: Fairbanks, Alaska. **2005 WNAR/IMS Western Regional Meeting.** IMS Program Chair Thomas Lee. **w** http://www.uaf.edu/wnar/

June 26: University of California, Santa Barbara. **Workshop on Stochastic Models in Molecular and System Biology.** SPA05 satellite meeting. Organizer: Guillaume Bonnet, UCSB **e** bonnet@pstat.ucsb.edu **w** http://www.pstat.ucsb.edu/projects/smmsb

June 26–July 1: Santa Barbara, California. **2005 Conference on Stochastic Processes and their Applications.** IMS Rep Raya Feldman **w** http://www.pstat.ucsb.edu/projects/spa05

July 2005

July 4–6: Leeds, UK. **LASR2005: Quantitive Biology, Shape Analysis and Wavelets. e** workshop@maths.leeds.ac.uk **w** http://www.maths.leeds.ac.uk/statistics/workshop/

NEW July 6–8: Ottawa, Canada. **13th INFORMS Applied Probability Conference.** Co-chair Doug Down **e** downd@univmail.cis.mcmaster.ca **w** http://www.appliedprob.society.informs.org/ottawaconf.html

July 7–8: University of New South Wales, Sydney Australia. **Recent Advances in Biostatistics, Bioinformatics and Markov Chain Monte Carlo.** Contact: biomcmc@maths.unsw.edu.au **w** http://www.maths.unsw.edu.au/~scott/symposium

July 9–11: Beijing, China. **The Joint Meeting of the Chinese Society of Probability and Statistics (CSPS) and IMS. w** http://math.bnu.edu.cn/statprob/CSPS-IMS2005/index.html

July 10-15: Sydney, Australia. **20th International Workshop on Statistical Modelling (IWSM2005). w** www.uws.edu.au/iwsm2005 **e** k.matawie@uws.edu.au

July 10–16: Daydream Island, Australia. **Stochastic Modelling of Complex Systems: SMOCS-05 w** http://www.conferences.unimelb.edu.au/smocs05/index.html

July 10–23: Cornell University, Ithaca, NY. **First Cornell Summer School in Probability w** http://www.math.cornell.edu/~lawler/sum2005.html

July 18–22: Mikulov, Czech Republic. **Perspectives in Modern Statistical Science III.** Organizers: Jana Jureckova (Charles University in Prague), Ivana Horova (Masaryk University, Brno). **w** http://www.math.muni.cz/workshop_2005

July 20-23: Carnegie Mellon University, Pittsburgh, PA. **ISIPTA05: 4th International Symposium on Imprecise Probabilities and Their Applications. w** http://www.sipta.org/isipta05

July 24–29: Oslo, Norway. **25th European Meeting of Statisticians** (Bernoulli Society). **w** http://www.ems2005.no

August 2005

August 2–6: University of Minnesota, Minneapolis. **8th North American New Researchers Conference. w** http://pages.pomona.edu/~jsh04747/NRC/NRC.htm

August 5–6: IMA, Minneapolis. **New Directions in Probability Theory.** IMS Program Chair Maury Bramson. **w** http://www.imstat.org/meetings/NDPT05/

August 5–11: Budapest, Hungary. **Logic in Hungary. w** http://www.renyi.hu/~lh05/

August 7–11: Minneapolis, Minnesota. **IMS Annual Meeting at JSM2005.** IMS Program Chair: David Madigan madigan@stat.rutgers.edu; IMS Local Chair: Peihua Qiu, qiu@stat.umn.edu

NEW August 15–19: Gothenburg, Sweden. **4th Conference on Extreme Value Analysis: Probabilistic and Statistical Models and their Applications. w** http://www.math.ku.dk/~mikosch/maphysto_extremes_2005/extremes.html

Continued on **page 30**

International Calendar continued

August 17–19: Shanghai, China. **MCP2005: 4th International Conference on Multiple Comparison Procedures.** **w** http://www.stat.ohio-state.edu/~mcp2005

September 2005

September 15–16: ISPED, Bordeaux, France. **Workshop in Honor of Niels Keiding: Life history events analysis in epidemiology and fertility studies.** Daniel Commenges **e** daniel.commenges@isped.u-bordeaux2.fr **w** http://www.isped.u-bordeaux2.fr/IFR99/ACCUEIL/FR-IFR99-Accueil.htm

September 16-17: Carnegie Mellon University, Pittsburgh. **Eighth Workshop on Case Studies In Bayesian Statistics.** **w** http://www.stat.cmu.edu/bayesworkshop

IMS September 24 – October 2: Centro Majorana, Erice, Italy. **Workshop on Stochastic Methods in Game Theory.** IMS Rep: Marco Scarsini. **w** http://web.econ.unito.it/scarsini/Erice2005/

NEW September 26–29: Braunschweig, Germany. **Statistical Week: Annual Meeting of the German Statistical Society.** **w** http://www.statistische-woche.de

October 2005

October 3-7: Bern, Switzerland. **Stochastic Geometry and its Applications.** **w** http://www.cx.unibe.ch/~ilya/wbec

March 2006

IMS March 14-17: Goethe University Frankfurt/Main, Germany. **German Open Conference on Probability and Statistics.** **w** http://stoch2006.math.uni-frankfurt.de/index_en.html

IMS March 19–22: New Orleans, LA. **2006 ENAR/IMS Spring Meeting.** IMS Program Chair TBA. **w** http://www.enar.org/meetings.htm

March 20-24, 2006: CIMAT, Guanajuato, Mexico. **Conference on Stochastics in Science, in honor of Ole E Barndorff-Nielsen's 71st Birthday.** Further information pabreu@cimat.mx

May 2006

May 28–31, 2006: London, Ontario. **2006 Annual Meeting of the Statistical Society of Canada.** Local Arrangements Chair, David Bellhouse: Dept of Statistical & Actuarial Sciences, Western Science Centre, U of Western Ontario, London, Ontario, Canada, N6A 5B7, **e** bellhouse@stats.uwo.ca **t** (519) 661-3614 **f** (519) 661-3813. Scientific program chair Richard Lockhart **e** lockhart@sfu.ca

June 2006

NEW June 5–9: Smolenice Castle, Slovak Republic. **PROBASTAT 2006: Fifth International Conference on Probability and Statistics.** PROBASTAT2006, Institute of Measurement Science, Slovak Academy of Sciences, Dubravska cesta 9, 841 04 BRATISLAVA, Slovak Republic. **e** probastat@savba.sk **w** http://aiolos.um.savba.sk/~viktor/probastat.html

July 2006

July 2–7: Salvador (Bahia), Brazil. **ICOTS-7: Working Cooperatively in Statistics Education.** Contact Carmen Batanero **e** batanero@ugr.es **w** http://www.maths.otago.ac.nz/icots7

July 3–6: Auckland, New Zealand. **Australian Statistics Conference & New Zealand Statistical Association Conference.** David Scott **e** d.scott@auckland.ac.nz

July 16-21: Montreal, Quebec, Canada. **XXIII International Biometric Conference (IBC2006).** **w** http://www.ibc2006.org

IMS July 17–21, 2006: Paris, France. **Stochastic Processes and Applications XXXI.** IMS reps: E Perkins, J Pitman, P Protter, A Sznitman, S Tavare and E Waymire. **w** http://www.proba.jussieu.fr/pageperso/spa06/index.html

August 2006

IMS August 6–10: Washington, Seattle. **JSM2006.**

August 28 – September 1: Rome, Italy. **COMPSTAT2006: 17th Conference of the International Association for Statistical Computing.** **w** http://w3.uniroma1.it/compstat2006 **e** compstat2006@uniroma1.it

April 2007

IMS April 15–18: Miami, FL. **2007 ENAR/IMS Spring Meeting.** IMS Program Chair TBA. **w** http://www.enar.org/meetings.htm

August 2007

IMS July 29 – August 2: Salt Lake City, Utah. **IMS Annual Meeting at JSM2007.**

August 2008

IMS August 3–8: Denver, CO. **JSM2008.**

August 2009

IMS August 2–6: Washington, DC. **IMS Annual Meeting at JSM2009.**

Membership and Subscription Information

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

Individual and Organizational Memberships: Each individual member receives the *IMS Bulletin* and may elect to receive one or more of the four scientific journals. Members pay annual dues of $75. An additional amount is added to the dues of members depending on the scientific journal selected as follows: *Statistical Science* ($15), *The Annals of Statistics* ($30), *The Annals of Probability* ($30), and *The Annals of Applied Probability* ($20). Of the total dues paid, $29 is allocated to the *Bulletin* and the remaining amount is allocated among the scientific journals received. Reduced membership dues are available to full-time students, new graduates, permanent residents of countries designated by the IMS Council, and retired members. Organizational memberships are available to institutions at $650 per year and to corporations at $850 per year. Organizational memberships include two multiple-readership copies of all IMS journals in addition to other benefits specified for each category (details available from the IMS Business Office).

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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

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in the next issue
May 2005

IMS Medallion Lecture previews and meeting reports, as well as news of members around the world, meeting announcements and job opportunities.

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April 1, 2005

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The purpose of the Institute is to foster the development and dissemination of the theory and applications of statistics and probability

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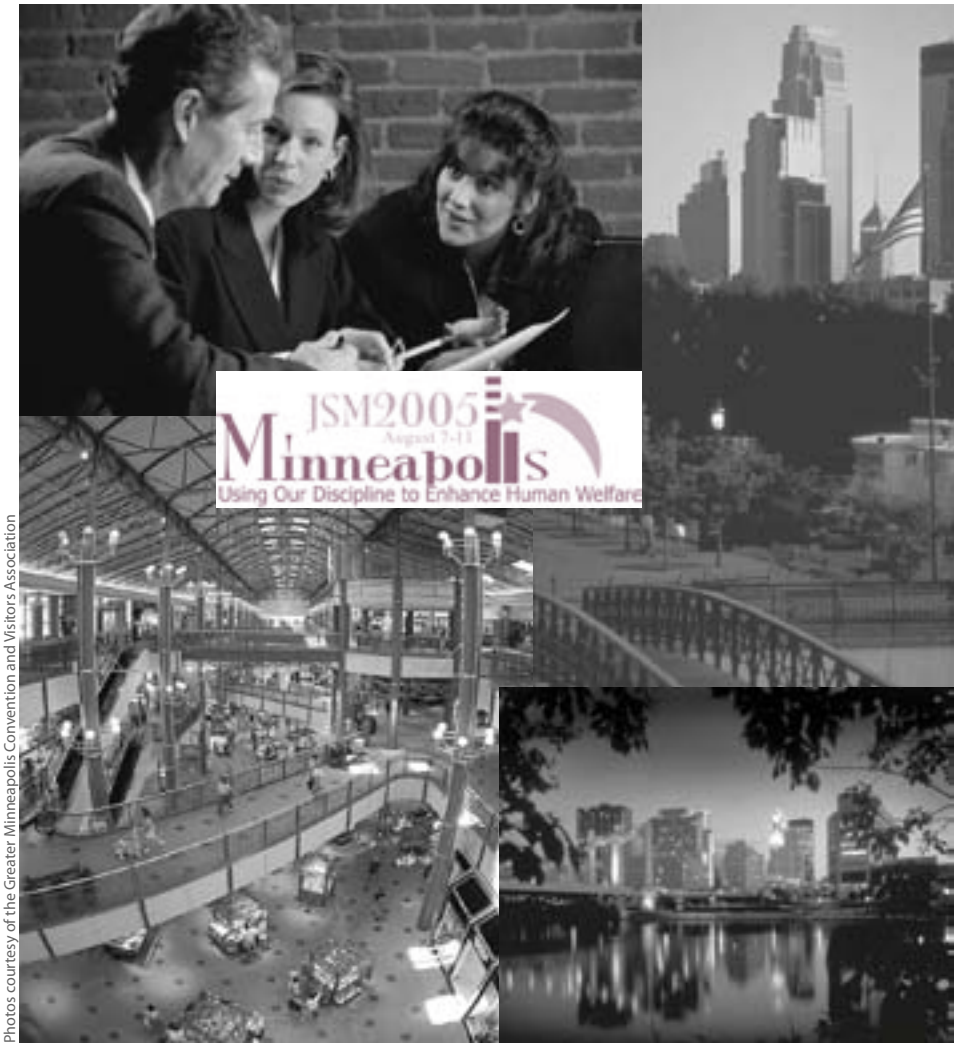

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