June 2006

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David Haussler elected to NAS

IMS member David Haussler is one of 72 new members elected to the US National Academy of Sciences. Members are chosen in recognition of their distinguished and continuing achievements in original research. Ralph Cicerone, Academy president, says, "Election to the Academy is considered one of the highest honors in American science and engineering."

David Haussler is an investigator with the Howard Hughes Medical Institute and a professor of biomolecular engineering at the University of California, Santa Cruz, where he directs the Center for Biomolecular Science & Engineering. He serves as scientific co-director for the California Institute

David Haussler, recently elected to the US National Academy of Sciences

for Quantitative Biomedical Research (QB3), and he is a consulting professor at both Stanford Medical School and UC San Francisco Biopharmaceutical Sciences Department.

David was recently elected to the American Academy of Arts and Sciences; he is also a fellow of both AAAS and AAAI. He has won a number of prestigious awards, including recently the 2006 Dickson Prize for Science from Carnegie Mellon University. David received his BA degree in mathematics from Connecticut College in 1975, an MS in applied mathematics from California Polytechnic State University at San Luis Obispo in 1979, and his PhD in computer science from the University of Colorado at Boulder in 1982.

David's research lies at the interface of mathematics, computer science and molecular biology. He develops new statistical and algorithmic methods to explore the molecular evolution of the human genome, integrating cross-species comparative and high-throughput genomics data to study gene structure, function, and regulation.

He has focused on computational analysis and classification of DNA, RNA and protein sequences. As a collaborator on the public Human Genome Project, his team posted the first publicly available computational assembly of the human genome sequence on the internet, and it now maintains a web-browser for the genome sequence at http://genome.ucsc.edu that is used extensively in biomedical research.

By comparing the human and mouse genomes, David's team has estimated that approximately 5% of the human genome is under purifying selection and thus likely to have a conserved function in mammals. His research is now focused on broadly exploring these functional elements along with reconstruction of the genome of the ancestor common to placental mammals.

Additional information about the National Academy of Sciences and its members is available online at www.nasonline.org.

IMS Members' News

Bin Yu awarded Guggenheim fellowship

IMS Fellow Bin Yu, who is professor of statistics at the University of California, Berkeley, was among the 187 winners of the 2006 John Simon Guggenheim Memorial Foundation fellowship. She was selected from nearly 3,000 U.S. and Canadian artists, scholars and scientists applying for awards totaling $7.5 million.

Guggenheim fellows are appointed on the basis of distinguished achievement and exceptional promise for the future. Since 1925, the Guggenheim Foundation has granted more than $247 million in fellowship awards to more than 16,000 scholars. The program enables important research in the natural sciences, social sciences, humanities, creative arts.

Bin will research interpretable models for high-dimensional data. "I very much enjoy delving into fields as diverse as neuroscience, Internet tomography, remote sensing, and finance, to appreciate the complexities of the different data and to learn the different sciences/theories behind them," she said. "I also enjoy the moment when a useful statistical structure emerges as the right framework for understanding data and for assessing the uncertainties."

The complete list of new Guggenheim fellows is at http://www.gf.org/newfellow.html

Hongyu Zhao receives Keck Futures Initiative grant

IMS member Hongyu Zhao, Yale University School of Medicine, is part of a team that has been awarded a $75,000 grant. The US National Academies Keck Futures Initiative made the 2005 Futures grants to support interdisciplinary research on genomics and infectious disease. Hongyu is working with Philip Awadalla, North Carolina State University, Raleigh, and Sarah Tishkoff, University of Maryland, College Park, on "The Co-evolution of Human and Plasmodium Genomic Interactions".

Mortality associated with malaria has been a major selective force shaping variation in the human and *P. falciparum* genomes, resulting in a genetic "arms race." Using an interdisciplinary approach, Awadalla, Zhao, and Tishkoff will incorporate novel molecular, genetic, statistical, evolutionary, and bioinformatics approaches to identify variants in genomes that play a role in host/pathogen interaction.

The 14 research projects that were awarded funding represent a wide range of approaches to the field of the "genomic revolution" and implications for treatment and control of infectious disease, which was the subject of the third Futures conference held last November in Irvine, Calif. These competitive seed grants aim to fill a critical gap between research on bold new ideas and major federal funding programs, which do not typically provide grants in areas that are considered risky or unusual. The Futures grants allow researchers to start developing a line of inquiry by recruiting students and postdoctoral fellows, purchasing equipment, and acquiring preliminary data, all of which can position the researchers to compete for larger awards from other public and private sources.

Funded by a $40 million grant from the WM Keck Foundation in 2003, the National Academies Keck Futures Initiative is a 15-year effort to enhance communication among researchers, funding agencies, universities, and the general public, aiming to stimulate interdisciplinary research at the most exciting frontiers. More at www.keckfutures.org

More Members' News

Jianqing Fan has received several pieces of good news recently. He has just been endowed "Frederick L Moore, Class of 1918, Professor of Finance, Professor of Operations Research and Financial Engineering" at Princeton University. Jianqing was also selected to deliver the 2006 Myrto Lefkopoulou Distinguished Lecture at Harvard School of Public Health. The lectureship was established in memory of Dr Myrto Lefkopoulou, a Harvard. faculty member and graduate, who died of cancer in 1992. The details of the lecture are to be announced.

Jianqing Fan

Jianqing is also one of the IMS members and fellows who are invited lecturers at the forthcoming International Congress of Mathematicians. ICM2006 will be held in Madrid, Spain, from August 22–30. See www.icm2006.org for details. Section 13 in the program is devoted to probability and statistics, and among the speakers are these IMS members *[m]* and fellows *[f]*:

Anton Bovier, Weierstrass Institute for Applied Analysis and Stochastics, Berlin, Germany: *Metastability: a potential theoretic approach [m]*

Amir Dembo, Stanford University: *Simple random covering, disconnection, late and favorite points [m, f]*

Peter Donnelly, University of Oxford, UK: *Modelling genes: mathematical and statistical challenges in genomics [m, f]*

Jianqing Fan, Princeton University: *Statistical challenges with high dimensionality in knowledge discovery [m, f]*

Steven Lalley, University of Chicago: *The weak/strong survival transition on trees and nonamenable graphs [m, f]*

Peter McCullagh, University of Chicago: *Stochastic classification models [m, f]*

In addition to these, IMS Fellow Iain Johnstone, Stanford University, will be delivering one of the plenary lectures, on *High dimensional statistical inference and random matrices,* on Friday, August 25. The full program is listed on the congress website.

INTERNATIONAL CONGRESS OF MATHEMATICIANS MADRID 2006

IMS Council Elections 2006
Voting ends June 17.
Vote online now at
www.imstat.org/elections

Warehouse Sale: IMS *Lecture Notes* series

IMS *Lecture Notes – Monograph Series:* all the volumes listed here are on sale for $10 each, including shipping, for IMS members and non-members alike. Details about the volumes are at http://www.imstat.org/publications/lecnotes.htm. You can order volumes online at https://www.imstat.org/secure/orders/imsbooks.html or post a cheque: see below. *Note:* Some volumes may have slight discoloration to the cover, but all contents are intact.

❏ **Volume 7:** *Approximate Computation of Expectations by Charles Stein* (ISBN 0940600080)

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❏ **Volume 14:** *Invariant Measures on Groups and Their Use in Statistics* by Robert A Wijsman (ISBN 0940600196)

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❏ **Volume 17:** *Current Issues in Statistical Inference: Essays in Honor of D Basu* by M Ghosh & PK Pathak (ISBN 0940600242)

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❏ **Volume 21:** *Weighted Empiricals and Linear Models* by Hira L Koul (ISBN 0940600285)

❏ **Volume 22:** *Stochastic Inequalities* edited by Moshe Shaked and YL Tong (ISBN 0940600293)

❏ **Volume 23:** *Changepoint Problems* edited by HG Mueller and D Siegmund (ISBN 094060034X)

❏ **Volume 25:** *Adaptive Designs* edited by Nancy Flournoy and William F Rosenberger (ISBN 0940600366)

❏ **Volume 26:** *Stochastic Differential Equations in Infinite Dimensional Spaces* by G Kallianpur and J Xiong (ISBN 0940600382)

❏ **Volume 27:** *Analysis of Censored Data* edited by HL Koul and JV Deshpande (ISBN 0940600390)

❏ **Volume 28:** *Distributions with Fixed Marginals and Related Topics* edited by Ludger Ruschendorf, Berthold Schweizer, and Michael D Taylor (ISBN 0940600404)

❏ **Volume 29:** *Bayesian Robustness* edited by JO Berger, B Betro, E Moreno, LR Pericchi, F Ruggeri, G Salinetti, and L Wasserman (ISBN 0940600412)

❏ **Volume 32:** *Selected Proceedings of the Symposium on Estimating Functions* edited by IV Basawa, VP Godambe, and RL Taylor (ISBN 0940600447)

❏ **Volume 33:** *Statistics in Molecular Biology and Genetics* edited by F. Seillier-Moiseiwitsch (ISBN 0940600471)

❏ **Volume 34:** *New Developments and Applications in Experimental Design* edited by Nancy Flournoy, William F Rosenberger, and Weng Kee Wong (ISBN 0940600463)

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IMS Child Care Initiative: deadline June 1

The purpose of the IMS Child Care Initiative is to encourage and support the participation at IMS Annual Meetings of IMS members who have child care responsibilities.

The IMS will reimburse members 80% of the costs of privately arranged child care (for a dependent under the age of 13) at this year's IMS Annual Meeting in Rio de Janeiro, 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, 2006. The letter should include the following information:

1. The member's name and email address
2. Copy of IMS annual meeting 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 items 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

IMS Elections: *vote by June 17*

This year there is a vote on two amendments to the IMS constitution and bylaws, as well as the regular voting for Council members. Read the candidates' statements online at http://www.imstat.org/elections/candidates.htm.

Voting electronically is encouraged, though paper ballots are also accepted. You need your Member ID for voting. It can be found on the top left corner above your name on the mailing label of an IMS journal or *Bulletin*. If you prefer a paper ballot, or don't know your member ID, please contact Elyse Gustafson, IMS Executive Director, erg@imstat.org, or phone 1-216-295-2340.

Online voting is open until June 17, 2006. We'll bring you the results soon!

Only joking…

Some time ago the author, journalist and TV producer, Simon Singh, started a mathematical and scientific joke competition, with the joke, *"There are 10 kinds of people in the world: those who understand binary, and those who don't."*

One of the top 15 winning jokes (as voted for by visitors to http://www.simonsingh.net/) is printed below, submitted by David Ireland. Check out Simon's website for the other 14.

THEOREM:
Every horse has an infinite number of legs.

PROOF:
At the back a horse has two legs, and at the front a horse has fore legs. So the total number of legs on any horse is two plus fore = six, an even number. But six is an odd number of legs for a horse to have! Hence we have shown that a horse has a number of legs that is both even and odd. The only number that is both even and odd is infinity, therefore a horse must have an infinite number of legs.

End of proof…
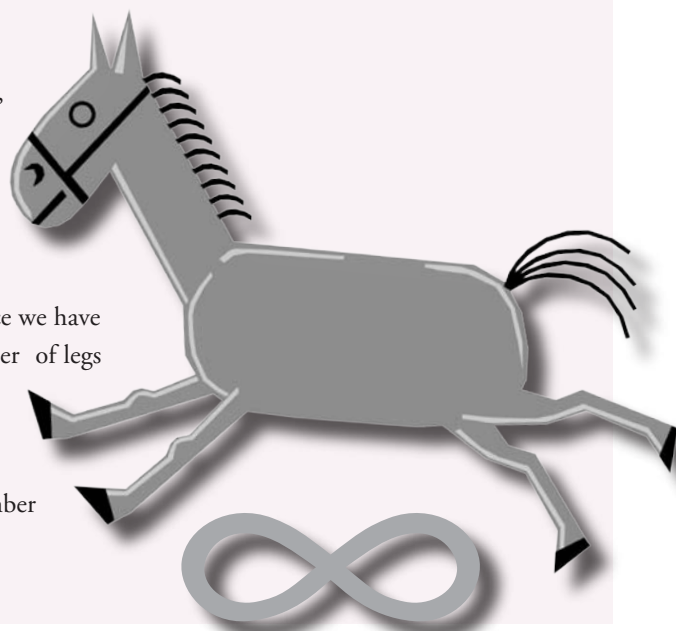
Rio de Janeiro: eat, drink, dance, play!

Rio is famous for sun, samba, soccer, and sea. But do you know about feijoada, churrasco, and caipirinha? Or how about dancing the night away in a gafieira, to some great choro or forró music?

Rio's nightlife

You'll be spoilt for choice in Rio, as there are hundreds of places to drink, dine, and dance until daybreak. CMO Eventos offer tours to Platform One for concerts and dinner (see the 'city tours' link at http://www.cmoeventos.com.br/congressos.html). Local organiser Maria Eulalia Vares has some other ideas for a great night out, some of which will require a little forward planning, as you might want to arrange a van and travel in a group:

Rio Scenarium

This beautiful antique store-turned-bar is in a renovated warehouse on the edge of the Lapa district. A perfect setting for samba and choro; the snacks are above average and the tables centered around the stage and dance floor give everybody a great view. See http://www.rioscenarium.com.br/ (in Portuguese)
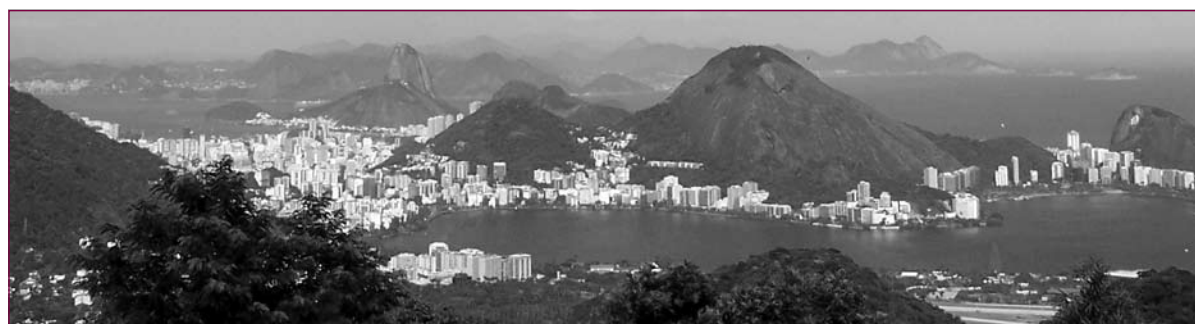
Gafieira Estudantina

This traditional *gafieira* or dance hall attracts large crowds of enthusiastic dancers. The music is great, specially on Thursdays. Best to go in a group. See http://www.rio.rj.gov.br/riotur/en/atracao/?CodAtr=3899

Círculo Militar da Praia Vermelha

Eulalia also recommends the Círculo Militar da Praia Vermelha, which is by Sugar Loaf mountain. She says, "Of course, going to Sugar Loaf is a must, and the best time is definitely the sunset. Círculo Militar is a small military club, but open to everyone. In general the food is fine, prices are reasonable, they have live music (usually good) starting at 6 p.m. and the view is really wonderful. It's not too touristy, and it is very safe (Urca is the safest neighborhood in Rio)." See http://www.samba-choro.com.br/casas/rio/323 (in Portuguese), or a review (in English) at http://www.wcities.com/en/record/118,70464/101/record.html?event_name=&display=1

Food and drink

The nearest Brazil gets to a national dish is *feijoada*, a complicated stew with 19 ingredients, traditionally served on Saturdays. Visitors might also like to try out the *churrascarias* (barbecue restaurants), often *rodízio*, or all you can eat. Seafood and fish is usually excellent,

Feijoada takes a whole day to prepare

and of course try the tropical fruits and vegetables. The *Zona Sul* in Rio has many fine restaurants, offering cuisine from around the world.

Although Brazil is the world's largest coffee producer, the national drink is *cachaça*, a sugar cane alcohol. You will find

Churrasco b-b-q meat

this combined with lime, sugar and ice in the famously potent *caipirinhas* and mixed with fruit juices in *batidas*. To make Brazil's national drink, *caipirinha*, place lime pieces, pulp side up, in the bottom of an old fashioned glass or heavy tumbler. Add sugar to taste and crush the lime and sugar together with a pestle or the end of a wooden spoon (be sure to crush the pieces pulp side up or too much bitter lime oil will be released from the zest). Add the *cachaça*, stir to mix and add the ice cubes. Drink with care — it's stronger than it tastes!

Many international travelers feel that Brazilian beer (*chopp*) is among the best in the world. Brazilian wines are becoming more popular, too. *Guaraná*, made from fruit found in the Amazon, is the most popular soft drink.

A few minutes' walk up the hill from IMPA through Tijuca forest is the "Vista Chinesa" viewpoint. And what a view there is! Photo courtesy of Vladas Sidorovicius, IMPA

SSP 2006: a Who's Who of Probability

Rene Carmona [pictured left with Erhan Çinlar] reports: Nearly 100 members of the probability community gathered in Princeton on March 22, 2006, for a Special Day on Markov Process to honor Erhan Çinlar on his 65th birthday, and for the yearly three-day Seminar on Stochastic Processes that followed.

Rene Carmona, Paul M. Wythes '55 Professor of Engineering and Finance, organized the special day honoring Erhan Çinlar. It featured speakers Chris Burdzy, of Seattle; Hans Foellmer, of Berlin; Ron Getoor, of San Diego; Jean Jacod, of Paris; Haya Kaspi, of Haifa; and John Walsh, of Vancouver. The day ended with a packed reception and a catered dinner at Prospect House with a warm tribute to the guest of honor. The dinner guests included almost all the participants of the Seminar, some students and friends of Çinlar's from around the globe, and mathematicians from Princeton (Joseph Kohn, John Nash, Edward Nelson, Vincent Poor, and Yakov Sinai). Çinlar was honored for his contributions to the theory of Markov Processes, and for his crucial role in the creation of the annual Seminar on Stochastic Processes.

The seminar is now an institution in the probability community. Established in 1981 by Çinlar, K.L. Chung and R.K. Getoor, the seminar gives researchers a forum to exchange ideas and establish collaborations. The 2006 seminar, which followed Çinlar's Day, was held at Princeton. Only five speakers are invited every year, so to be invited is a great honor. This year the speakers were Eulalia Nualart, of the University of Paris; Walter Schachermayer, of the Technical University, of Vienna; Amir Dembo, of Stanford University; Frank den Hollander, of Leiden University; and Steve Evans, of the University of California, Berkeley.

Next year, the seminar will be held March 15–17, 2007 in Toronto at the Fields Institute for Mathematics. The organizing committee is Jeremy Quastel, Tom Salisbury and Balint Virag. See the SSP archives at http://www.math.yorku.ca/Probability/ssparch.html
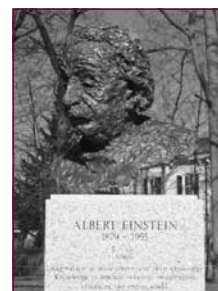
Some of the faces of SSP
[above] *Invited speaker Eulalia Nualart; Princeton's Einstein statue.* [below] *Dinner guests Haya Kaspi and Nathalie Eisenbaum.* [bottom, left-right] *Speaker Jean Jacod; speakers John Walsh and Hans Foellmer; invited speaker Walter Schachermeyer; Ron Getoor, one of the founders of SSP; invited speaker Steve Evans.*

Photos courtesy of Chris Burdzy and John Nash.
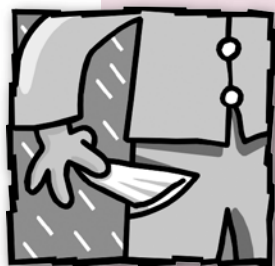
Looking for cheaper accommodation in Rio for the IMS Annual Meeting and X EBP? You're not alone! The organizers of the X EBP have found several cheaper options for students and those on a tighter budget. Check the information posted at the IMPA website: http://www.impa.br/opencms/pt/eventos/store/evento_0002.html?link=9

Terence's Stuff: *The Big Question*

This month Terry Speed looks to the future of statistics, and muses on the Microsoft Research report, *Towards 2020 Science*

I have been having conversations about it over lunch, dinner, and coffee. My incoming department chair is (rightly) concerned about it. Members of our department review panel grilled us about it last night. I know my junior colleagues wonder what we, the older generation, think about it. Microsoft Research has just issued a fascinating report, *Towards 2020 Science,* which has little to say explicitly about it, but contains much of relevance to it. And three weeks ago I put a point of view on it in a panel discussion on *Computational biology: past glories, past failures, future directions*. Presidents of statistical societies or associations have always mused on it in their monthly columns or their presidential addresses, but I think more and more 'mere mortals' are talking about it.

'It', of course, is The Future of Statistics. We ask: a) *Where are we going?* b) *Will we survive?* c) *Are things getting better or getting worse?* (On these questions I tend to hear answers that reflect the personality of the answerer more than any objective analysis of the world.) d) *Are we missing the boat?* (Which boat(s), you may wonder? Answering that question reflects a view on it.) e) *Will the centre hold?* (What is the centre? That also depends on your view of it.) f) *Are professionals from other areas appropriating it, and if so, how should we respond?* (Here we name several of the many areas in which statistics is becoming central, and remark on the irony that the extraordinary success of our subject may coincide with the demise of statistics departments as we know them.) And perhaps most pressingly,

g) *Are there enough outstanding young people coming into the discipline to ensure that it is bright?* On this, many senior people agree, but again I wonder whether this reflects an objective reality, or just the time-honoured view from the older generation that things are always getting worse.

What do I think? Well, to give brief answers to the questions just raised, I'd say:
a) Don't know, but I do think this is a time of transition;
b) Don't know, but probably not before I pass from the scene;
c) Better — but I would say that, I'm an optimist;
d) Yes, and no;
e) Some will go (it would be invidious to say what), some will stay (see below);
f) Yes, and much, but we must join them, not try to beat them; and finally,
g) Yes, there are concerns, not for the brightness of the young people that are coming in, but whether they are coming on a scale large enough to maintain the vigour of our departments.

Perhaps this last point is the one that worries people most, but when was it easy to hire outstanding young people, and feel confident that they would lead us to a future as glorious as the one bequeathed to them?

It is always sobering to reflect on how others see us, so how did we fare in Microsoft's report? (You can search for "*Towards 2020 Science*" in Google: now there's some serious statistics.) Perhaps not surprisingly, we're not big players. The words 'probability' and 'statistics' occur 5 times each in the report's 83 pages, although 'statistical' comes up 16 times. Compare this with computation (37) and computing (102). Perhaps this is about right? Will computing in 2020 be 7 to 20 times more important than statistics? I don't think so, but that depends on us. We're

really in that report much more than these statistics(!) reflect, in disguise, and through what I see as misunderstandings. Of the five references to statistics, three are in the glossary, one in the context of bioinformatics (6 hits), and two in relation to Bayesian (10 hits) statistics. 'Bayesian' mentioned more often than 'statistics'? Recall Dennis Lindley's famous prediction that in 2020 "we'll all be Bayesians"? Well, we (the statisticians) might not be, but judging from this report, they (everyone else) might be. What I see as a misunderstanding, in part our fault, and highly relevant for our future, is the statement on p.35:

"While classical statistics is focused on the analysis of data to test hypotheses, the goal of machine learning is to use (primarily) statistical methods to make predictions."

They seem to be thinking of classical statisticians as gatekeepers, as people who allow or disallow inferences, and not as players in the 'simulation' (21 hits), 'modelling' (52) or 'analysis' (59) game.

But we know these things are our world, that most computational science problems have something in them for us, and that we possess some real advantages.

Why is this so little appreciated by the rest of the world? Will we end up like Marlon Brando in *On the Waterfront* ("*I could'a been a contender*")?

Our future is in our hands.
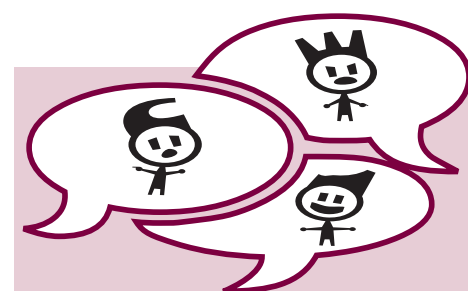
What do *you* think? We encourage you to write a letter to the Editor on this or any subject of interest to IMS members. Send it to bulletin@imstat.org

Meet the Members

Continuing our occasional series, some more IMS members reveal a little about themselves…

Christian P Robert
Professor and Head, CEREMADE,
Université Dauphine and CREST, INSEE
Joined the IMS on arrival at Purdue as a
postdoctoral visitor, in the Fall of 1987

*If you could have any other occupation,
assuming money is not an object, what would
it be?*
Given my addiction to mountains, it may
not surprising that I would pick an occupa-
tion related to mountaineering, like part-
time guide. It is unfortunately a bit late for
this change of career!
*Where is your favorite place to travel and
why?*
Any mountain range I have not yet been to.
Plus the Highlands of Scotland which I visit
every year for their unique and haunting
beauty.
The most useful invention is... I find this
question impossible to answer! All inven-
tions that brought a better life to many are
worth mentioning.
*Tell us something that others might find sur-
prising about you*
I qualify every year for the French half-
marathon Championships.

Cindy L Christiansen
Associate Professor of Health Services
and Senior Statistician, Boston University
School of Public Health and Bedford VA
HSR&D Center of Excellence
Member of the IMS since "I joined as a
student — so 15 years or more"

*If you could have any other occupation,
assuming money is not an object, what would
it be?*
If we can say that talent is not a require-
ment, I would be a singer and musician.
If talent is needed, then I would be a veg-
etable gardener with a roadside stand.
*Where is your favorite place to travel and
why?*
For about the last ten years, I haven't
enjoyed traveling. I can say, though, that
I love seeing the bluebonnets of Texas,
the smiles of people in Mexico and South
America, the sunshine of California, and
blue skies of New England.
The most useful invention is... the camera
because it helps us remember.
*Tell us something that others might find sur-
prising about you*
For those who know me, maybe this is not
so surprising, but data talk to me! (And I
enjoy the conversation.)
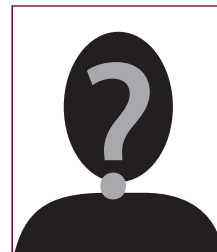
Tingting Yi
PhD student, Department of Statistics and Probability,
Michigan State University
Member of the IMS for about a year

If you could have any other occupation, assuming money is not an object, what would it be?
I'd be a musician
Where is your favorite place to travel and why?
Tibet, because it is the closest place to the sky
The most useful invention is... the computer
Tell us something that others might find surprising about you
Believe it or not, I can write with both hands at the same time :-)

Seattle Hot Spots, IMS Style

Christopher R Genovese, Carnegie Mellon University, is the IMS Invited Program Chair for this year's Joint Statistical Meetings in Seattle (see opposite for details). He writes:

I am very excited about the range of interesting topics covered in the IMS invited program at this year's Joint Statistical Meetings. My goal in planning was to offer statisticians both new ideas to think about and enticing opportunities to discover frontiers ripe for statistical exploration. Organizers designed their sessions with this goal in mind, and many of the talks are targeted for a broad statistical audience.

Two sessions on August 6 focus on modern simulation methods, which are finding increasing use in diverse fields. *"Modern Monte Carlo Methods for Statistical Inference"* (#11, organized by Anthony Brockwell) demonstrates the power of sequential Monte Carlo, adaptive MCMC, and simulated tempering. Be sure not to miss Brockwell's introduction to these methods at the beginning of the session. This is not your grandfather's MCMC…

"Graphical Models and Variational Methods" (#42, organized by Martin Wainwright) features prominent computer scientists who will introduce and develop these techniques and algorithms. Variational methodology offers a promising alternative to—and complement for—MCMC that merits a closer look.

The challenge of understanding networks has generated a recent surge of research in many fields, including sociology, physics, biology, and computer science. Whether we consider a network of friends, dynamical systems, genes, or computers, mathematical analysis reveals deep and useful commonalities that we can exploit. And the statistical analysis of data from networks is a fast-growing and still wide-open area. The session *"Theory and Analysis of Complex Networks"* (#142, organized by Cosma Shalizi) on August 7 covers all these themes from several perspectives. A

related session, on August 9, is *"A Tribute to Yehuda Vardi"* (#449). Yehuda Vardi made many important and ground-breaking contributions to statistics, including pioneering work in analyzing networks. Vijay Nair, Cun-Hui Zhang, and Zhiliang Ying honor Vardi in memoriam with talks presenting cutting-edge work in a variety of areas fitting the diversity of Vardi's interests.

The connections between Statistics and Evolutionary Biology go back a long time. Fisher himself made fundamental contributions to evolutionary theory that still have an impact today. Progress in both fields has raised new challenges and new possibilities for collaboration. Two sessions on August 8 explore the ways in which statisticians can contribute to Evolutionary Biology. *"Advances in Phylogenetic Inference"* (#259, organized by Bret Larget) brings together leading researchers to talk about methods for inferring evolutionary relationships from organisms' gene sequences or morphology. Even a quick glance through any issue of *Nature* or *Science* will reveal the fundamental importance of phylogenetic inference to biology. Despite powerful new technologies and techniques, it remains a difficult problem with many open questions. *"Statistical Models in Evolutionary Biology"* (#312, organized by Christopher Genovese) features two evolutionary biologists who will describe the statistical models underlying the mathematical theories of speciation and of natural selection in an uncertain environment. Evolutionary theory

From a Washington State Ferry, enjoy a spectacular view of downtown Seattle and the Cascade Mountains. Photo: Seattle's Convention and Visitors Bureau

Joint Statistical Meetings: Seattle, August 6–10, 2006

IMS sponsored meeting:
w http://www.amstat.org/meetings/jsm/2006/

Join the largest international gathering of statisticians in the world. Each year, the Joint Statistical Meetings offer cutting-edge present-ers for four days of technical sessions, roundtable sessions, continu-ing education courses, computer technology workshops, and poster sessions. JSM is held jointly with IMS, ASA, the International Biometric Society (ENAR and WNAR), and the Statistical Society of Canada. For information, contact jsm@amstat.org or phone toll-free (800) 308-8943.

Key Dates for JSM

May 1   Registration and hotel reservations open
May 31   Preliminary program posted on the JSM website
May 19   Draft manuscripts due to session chairs.
June 30-July 20   Advance registration (increased fees apply).
July 7   Hotel reservations deadline.
July 14   Final program available on JSM website.
August 5-10   On site registration (increased fees apply)

IMS Topic Contributed Sessions at JSM

Jennifer Hoeting, Colorado State Univ, is the IMS Contributed Session Chair at JSM:

IMS is sponsoring five topic contributed sessions at the Seattle Joint Statistical Meetings. The sessions cover a variety of topics which should be of interest to IMS members.

August 8: Topics in function estimation using isotonization and smoothing techniques. Organizer: Moulinath Banerjee, Univ of Michigan.

August 9: Sparse Inference and Multiple Comparisons. Organizer: Jiashun Jin, Purdue Univ.

August 9: Statistical Phylogenetics. Organizer: Bret Larget, Univ of Wisconsin, Madison.

August 9: Multidimensional Scaling and Manifold Learning. Section on Statistical Computing, IMS, Section on Statisticians in Defense and National Security. Organizer: Michael W. Trosset, The College of William & Mary.

August 10: Statistics of Extremes. Organizer: Liang Peng, Georgia Institute of Technology.

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has become progressively more mathemati-cally sophisticated, and statisticians will find some familiar ground and many intriguing problems here. I will give an overview of evolutionary ideas and statistical connec-tions at the beginning of the session.

The interface between statistics and computer science/machine learning remains a prolific source of ideas and methods. Two IMS invited sessions focus on areas that have generated significant research in computer science but could also benefit from the involvement of statisticians. *"Semisupervised Learning"* (#90, organized by Yoonkyung Lee), on August 7, deals with the problem of classification, predic-tion, and inference based on both labeled (with the true class) and unlabeled data. Computer scientist Jerry Zhu will review the main ideas, methods, and results for statisticians at the beginning of the session.

"Statistical Models of Natural Language Text" (#524, organized by Michael Collins), on August 10, deals with the increasingly important problem of analyzing data composed of text, documents, and sets of documents. This problem cuts across a wide spectrum of statistical ideas and methods.

Nonparametric and semiparametric inference are central to modern statistical theory. But the proliferation of massive data sets, high dimensional problems, and complex systems are making nonparametric and semiparametric methods more than just theoretical test beds. Two IMS invited sessions bring together leading researchers in these areas to demonstrate the state of the art. *"Nonparametric Inference"* (#446, organized by Tony Cai) offers new twists on old problems and includes talks on time-varying functions, nonparametric con-fidence sets, inference for eigensystems, and

generalized likelihood for additive models. *"Semiparametric Inference in Practice"* (#396, organized by Florentina Bunea) focuses on how to translate semiparametric theory into practice, and in the process uncovers new theoretical problems of inter-est.

Be sure to check out the full program at http://www.amstat.org/meetings/jsm/2006/onlineprogram/. Click on "Invited" and set the sponsor to IMS. We hope to see you there; flung fish and space needles just can't compete.

Seattle: soak it up!

IMS Meetings around the world

2006 IMS Annual Meeting & X Brazilian School of Probability (XEBP)

IMPA, Rio de Janeiro, Brazil   July 30–August 4, 2006

http://www.imstat.org/meetings/IMS2006/

UPDATED

Hotel reservations deadline May 31

The 2006 IMS Annual Meeting will be held jointly with the 10th Brazilian School of Probability (XEBP) at IMPA (Instituto Nacional de Matemática Pura e Aplicada), Rio de Janeiro, Brazil from July 30 to August 4, 2006.

IMS Special Invited Speakers:

The 2006 Wald Lectures will be delivered by Peter Hall; the Le Cam lecture by Stephen Stigler, and the Medallion Lectures by Paul Glasserman, Greg Lawler, Thomas Mountford, and Michael Woodroofe.

XEBP Mini-courses: Yuval Peres (UC Berkeley) "Determinantal processes and zeros of Gaussian analytic functions"; Murad Taqqu (U Boston) "Self-similarity and long-range dependence". EBP **invited speakers are:** Vincent Beffara (ENS Lyon); J van den Berg (CWI); Stella Brassesco (IVIC); Donald Dawson (Carleton Univ); Paul Dupuis (Brown Univ); Vlada Limic (UBC); Jim Pitman (UC Berkeley).

Statistics and probability programs

Details of the statistics and probability programs are on the website.

Statistics program (July 30–August 2)

Co-chairs for statistics: Sara van de Geer and Guenther Walther

1: *Analysis of longitudinal data* (Damla Senturk)
2: *Statistical learning* (Sayan Mukherjee)
3: *Statistics in Finance* (Yacine Aït-Sahalia)
4: *Aggregation of estimators* (Yuhong Yang)
5: *Statistical analysis of shapes and images* (Victor Patrangenaru)
6: *Estimation in time series that are both non-linear and non-stationary* (Joon Park)
7: *Adaptive smoothing applied to images and processes* (Vladimir Spokoiny)
8: *Inference for high-dimensional data and models* (Peter Bickel)
9: *Graphical models: Algorithms and statistics* (Martin Wainwright)
10: *Statistics and the Environment* (Bin Yu)
11: *Inverse problems, deconvolution and applications* (Geurt Jongbloed)
12: *Modeling dependencies via copulas and applications* (Irene Gijbels)
13: *Information and complexity* (Peter Grunwald)

14: *Advances in statistical genomics* (Sylvia Richardson)
15: *Analysis of functional data* (Hans Mueller)
16: *Astrostatistics* (Chad Schafer)
17: *Multiple hypothesis testing and false discovery rate* (Felix Abramovich)
18: *Frequentist analysis of Bayesian procedures* (Aad van der Vaart)
19: *Likelihood/Bayesian methods for discretely observed stochastic processes* (Gareth Roberts)
20: *Statistics for Lévy processes: Session organized by Mexican Society (AME)* (Victor Perez Abreu)
21: *Parameter Estimation: Session organized by Brasilian Society (ABE)* (Silvia Regina-Lopez)
22: *Robust Statistics: Session organized by Argentinian Society (SAE)* (Victor Yohai)
23: *Time Series Analysis: Session organized by the Chilean Society (SOCHE)* (Wilfredo Palma)
24: *Vardi memorial session* (David Madigan)
25: *Medallion lecture: Michael Woodroofe* (Guenther Walther)
26: *Le Cam lecture: Stephen Stigler* (Guenther Walther)
27: *Wald lectures: Peter Hall* (Guenther Walther)

Fifth International Symposium on Probability and its Applications (August 2–4)

Co-chairs for probability: Robert Adler and Steve Lalley

Medallion Lectures: *Greg Lawler, Tom Mountford, Paul Glasserman*

Invited Speaker Sessions:

1: *Stochastic networks* (Marty Reiman)
2: *Interacting particle systems* (Pablo Ferrari)
3: *Random matrices* (Alexander Soshnikov)
4: *Percolation* (Russ Lyons)
5: *Random motion in a random environment* (Nina Gantert)
6: *SLE and Scaling Limits of Planar Processes* (Wendelin Werner)
7: *Mathematical finance* (Steve Shreve)
8: *Lévy processes and applications* (Gennady Samorodnitsky)
9: *Probability and Genetics* (Vlada Limic)
10: *Stochastic Geometry and Applications* (Eva Vedel Jensen)
11: *Combinatorial probability* (Alexander Gnedin)
12: *Spin glass: statics, dynamics, and aging* (Erwin Bolthausen)
13: *Concentration inequalities* (Michel Ledoux)
14: *Mixing rates of finite Markov chains* (Dana Randall)
15: *Gaussian processes, geometry and applications* (Jonathan Taylor)
16: *SPDE and measure-valued processes* (Sylvie Méléard)
17: *Stochastic Numerical Methods* (Denis Talay)
18: *Random flows* (Yves Le Jan)

IMS Meetings around the world

9th IMS meeting of New Researchers in Statistics and Probability

University of Washington, Seattle, WA
August 1–5, 2006
Co-chairs: Peter Craigmile and Peter Hoff:
nrc@stat.ohio-state.edu
w http://www.stat.ohio-state.edu/~pfc/NRC/
The IMS Committee on New Researchers is organizing another meeting of recent PhD recipients in statistics and probability. The conference aims to promote interaction among new researchers, primarily by introducing them to each other's research in an informal setting. Participants will present talks and posters on their research and discuss interests and professional experiences over meals and social activities organized through the meeting as well as by the participants themselves.

The meeting is to be held immediately before the 2006 Joint Statistical Meetings in Seattle, WA (see previous page).

Application is now closed. For any questions or comments contact Peter Craigmile (Department of Statistics, The Ohio State University) or Peter Hoff (Department of Statistics, University of Washington).

At 605 feet, the Seattle Space Needle towers over the Experience Music Project on the Seattle Center grounds. Photo: Tim Thompson/Seattle CVB

IMS sponsored meeting:

31st Conference on Stochastic Processes and their Applications

July 17–21, 2006, Paris, France

w http://www.proba.jussieu.fr/spa06/
IMS reps: Edwin Perkins, Jim Pitman, Philip Protter, Alain-Sol Sznitman, Simon Tavaré and Ed Waymire.
Participant Support for 31st Conference on Stochastic Processes and their Applications
Travel support is requested for US participants attending the 31st Conference on Stochastic Processes and their Applications, an international meeting to be held July 17-21, 2006, in Paris, France. Junior researchers and members of groups underrepresented in the research area will be particularly encouraged to apply for the available support. See http://www.proba.jussieu.fr/spa06/ustravelsupport.php

The conference is sponsored by the Committee for Conferences on Stochastic Processes (CCSP) of the Bernoulli Society for Mathematical Statistics and Probability, and IMS. The local organizing committee is Jean Bertoin, Laboratoire de Probabilités, U. Paris VI and VII, Mireille Chaleyat-Maurel, Mathematiques Appliquées, Paris V, Anne Estrade, Mathematiques Appliquées, Paris V, Erwan Le Pennec, Laboratoire de Probabilitiés, U. Paris VI and VII and Sylvie Méléard, U. Paris X

The conference program is a mix of plenary invited lectures in the mornings and parallel sessions for contributed talks in the afternoon, and is designed to allow time for research discussions outside the formal presentations. This year the invited speakers are: Rick Durrett, Cornell University (**IMS Medallion Lecture**); Nicole El Karoui, École Polytechnique; Hans Föllmer, Humboldt Universität (**Lévy Lecture**); Harry Kesten, Cornell; Michel Ledoux, Université Paul-Sabatier (**IMS Medallion Lecture**); Zeng Hu Li, Beijing Normal U; Sean Meyn, U of Illinois; Thomas Mikosch, University of Copenhagen; Elchanan Mossel, UC Berkeley; Jaime San Martin, U de Chile; Marta Sanz-Solé; Terry Speed, UC Berkeley; Maria Eulália Vares, IMPA, Brazil; Cedric Villani, École Normale Supérieure de Lyon; and Balint Virag, U of Toronto.

Check the website for updates.

Above: *the Louvre museum, one of Paris's foremost attractions.* Below: *getting around Paris is easy on the metro.*

Photos: Ian Britton / www.freefoto.com/

IMS Meetings around the world

IMS co-sponsored meeting
Young Researchers Symposium
August 5–6, 2006
IMPA, Rio de Janeiro, Brazil
IMS Representative on Program
Committees: S.R.S. Varadhan
w http://www.impa.br/opencms/pt/eventos/
store/evento_0010.html
The Young Researchers Symposium (YRS2006) will take place at
the Instituto Nacional de Matematica Pura e Aplicada (IMPA),
August 5-6, 2006 (immediately after the IMS Annual Meeting and
X EBP).

The meeting will feature eight plenary lectures by prominent
scientists in the field of the Mathematical Physics, including the
three 2006 Poincaré Medal winners, as well as number of special-
ized sessions and poster sessions where young researchers will have
an opportunity to present and promote their results.

IMS Mini meeting
Recent Advances on Stochastic Computation and Bioinformatics
August 2–3, 2006: University of British Columbia, Vancouver
Organizers: Arnaud Doucet and IMS Rep Raphael Gottardo
e raph@stat.ubc.ca
w http://hajek.stat.ubc.ca/~raph/workshops/ims-mini/ims_workshop.
html
The meeting will focus on recent developments in both statistical
modeling and stochastic computing for bioinformatics. Registration
is now closed. The program is now available online.
Invited Speakers: Christophe Andrieu (Bristol University), Peter
Muller (MD Anderson), Dave Stephens (Imperial College), Jon
Storey (UW, to be confirmed), Jon Wakefield (UW), Mike West
(Duke)
Practical details: The meeting will take place in the MSL lecture
theater on the UBC campus in Vancouver. Participants are respon-
sible for making their own travel and accommodation arrange-
ments. Please be advised that summer is a very busy season and we
urge you to make reservations as soon as possible.
Acknowledgments: This meeting is sponsored by the IMS and the
UBC bioinformatics centre (UBiC).

IMS sponsored meeting
IMS Annual Meeting at the Joint Statistical Meetings
July 29 – August 2, 2007
Salt Palace Convention Center, Salt Lake City, Utah
IMS Program Co-chairs: Tony Cai and
Mark Low
http://www.amstat.org/meetings/jsm/2007/

IMS co-sponsored meeting
15th International Workshop on Matrices and Statistics
June 13–17, 2006
Uppsala, Sweden
w www.bt.slu.se/iwms2006/iwms06.html
The purpose of the workshop is to stimu-
late research, in an informal setting, and
to foster the interaction of researchers in
the interface between matrix theory and
statistics. Additional emphasis will be put
on related numerical linear algebra issues
and numerical solution methods, relevant to
problems arising in statistics. The workshop
will include a special session in honour of
Dr Tarmo Pukkila's 60th Birthday.

IMS co-sponsored meeting

International Indian Statistical Association Joint Statistical Meeting and International Conference on Statistics, Probability and Related Areas
January 2–5, 2007
Cochin, India

w http://www.stat.ohio-state.edu/~hnn/IISAConf2007.pdf

The International Indian Statistical Association (IISA) in collaboration with other Statistical organizations in India, will hold its Biennial Joint Statistical Meeting during January 2–5, 2007, followed by a **Workshop in Financial Mathematics on January 6, 2007.**

The conference will be organized by Department of Statistics, Cochin University of Science and Technology, Cochin, India. The venue for the International Conference on Statistics, Probability and Related Areas is Hotel Renaissance in Cochin, a beautiful coastal town in Southern India. The sessions will cover a wide range of topics and the International Advisory Committee consists of Professors James Berger, Peter Bickel, Kjell Doksum, Peter Hall, and C.R. Rao.

The International Organizing Committee is chaired by Professor J. K. Ghosh while the Program Committee is chaired by Professor S. Rao Jammalamadaka. Please contact him at rao@pstat.ucsb.edu or the Co-Chair Dr P.G. Sankaran at pgsankaran@cusat.ac.in if you would like to participate or receive an invitation to attend. More details can be found at the conference website given above.

IMS co-sponsored meeting

Multivariate Statistical Methods in the 21st Century
December 28–29, 2006
Eastern Zonal Cultural Center, Govt. of India, Salt Lake City (Kolkata), India

Program Committee: International Advisory Committee: J
IMS Representatives on Program Committees: Barry C. Arnold, Ashis SenGupta, J.K. Ghosh, K.V. Mardia and P.K. Sen

IMS co-sponsored meeting

Markov Processes and Related Topics: A conference in honor of Tom Kurtz on his 65th birthday
July 10–13, 2006
University of Wisconsin–Madison

w http://www.math.utah.edu/~ethier/kurtzfest.html

IMS Representative on Program Committees: Stew Ethier

Have you just come back from a great conference?

Attending an interesting meeting this summer?

Would you write about it for the IMS Bulletin?

To discuss an idea for a meeting report, or any other kind of article, please email Tati Howell at bulletin@imstat.org

2006 Summer Research Conferences: Snowbird, Utah

2006 Joint AMS-IMS-SIAM Summer Research Conferences
**Snowbird Resort, Snowbird, Utah**
June 4–29, 2006

The 2006 Joint Summer Research Conferences will be held at the Snowbird Resort (http://summer.snowbird. com/pages/home/default.php) from June 4 to June 29, 2006. The topics and organizers for the conferences were selected by a committee representing the American Mathematical Society (AMS), the Institute of Mathematical Sciences (IMS), and the Society for Industrial and Applied Mathematics (SIAM).

It is anticipated that the conferences will be partially funded by a grant from the National Science Foundation and perhaps others. Particular encouragement is extended to junior scientists to apply. A special pool of funds expected from grant agencies has been earmarked for this group. Other participants who wish to apply for support funds should so indicate; however, available funds are limited, and individuals who can obtain support from other sources are encouraged to do so.

All persons who are interested in participating in one of the conferences should request an invitation by sending the information required (see list at http://www.ams.org/meetings/srco6.html) to *Summer Research Conferences Coordinator, AMS, P.O. Box 6887, Providence, RI 02940*, or by email to wsd@ams.org no later than March 3, 2006.
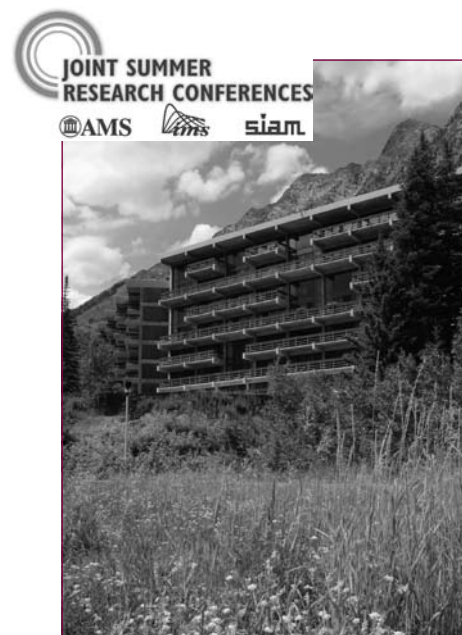
Snowbird Lodge. Credit: Eric Schramm/Snowbird

Statistical Challenges in Modern Astronomy IV
June 12–15, 2006 (plus associated tutorials, June 6–10 & June 11)
The Penn State University, University Park, PA, USA
w http://astrostatistics.psu.edu/scma4/
IMS Rep: G Jogesh Babu **e** babu@stat.psu.edu

The SCMA conferences, held every five years since 1991, are the premier cross-disciplinary gatherings of statisticians and astronomers to discuss methodological issues arising in astronomical research. Invited talks from each field are intermixed with commentaries by scholars in the other field. Poster contributed papers will be on display throughout the meeting. The schedule will encourage informal interchange between the two communities.

The conference proceedings will be published by the Astronomical Society of the Pacific Conference Series. Full text will also be available online.

Funding for young researchers: Limited funds are available for partial support of participant costs of graduate students and young researchers at U.S. institutions to attend the SCMA IV research conference. Contact Eric Feigelson (edf@astro.psu.edu) by March 1, 2006 to apply for this funding. Please give your full name, institution & educational status; briefly describe your research interests; state whether you intend to present a contributed poster paper at SCMA IV; state whether you are a U.S. citizen or green card holder or not; and outline your travel funding situation.

The registration deadline for all the events is May 1, 2006.

The sessions for SCMA IV (Monday-Thursday, June 12-15) conference include: cosmology (cosmic microwave background, galaxy clustering & spatial statistics, weak & strong gravitational lensing); planetary systems (extrasolar planets detection & characterization, Solar System minor bodies); large survey projects & mega-datasets (Large Synoptic Survey Telescope, Sloan Digital Sky Survey, Virtual Observatory); time series analysis (periodicity detection, pulsating stars, gravitational wave detection); small-N problems in physics and astronomy (Feldman-Cousins upper limits, Poisson images); recent developments in statistics (False Discovery Rate, wavelets & image reconstruction, Bayesian & MCMC methodology, model selection); cross-disciplinary perspectives

There will be a pre-conference software tutorial (Sunday, June 11, 2006) and a Summer School in Statistics for Astronomers & Physicist II (Tuesday-Saturday, June 6-10, 2006). Attendance at the tutorials require separate registration. See the website for details.

IMS co-sponsored meeting:

Second Cornell Probability Summer School
June 26 – July 7, 2006
Cornell University, Ithaca, NY

w www.math.cornell.edu/~durrett/CPSS2006/

The 2006 Cornell Probability Summer School will be held June 26 – July 7, 2006 at Cornell. The theme is probability problems that arise from genetics. The aim is to introduce probabilists who have no prior experience in this area to research problems in this exciting interface. No knowledge of molecular biology will be assumed. The three main lecturers who will give six lecture series are Warren Ewens (U of Pennsylvania), Bob Griffiths (Oxford), and Simon Tavare (U of Southern California). There will also be one hour lectures by Allison Etheridge, Steve Evans, Steve Krone, Paul Joyce, Jason Schweinsberg, and Vlada Limic. This conference is supported by an NSF grant to the probability group at Cornell. We ask that participants please register on the web page above. Graduate students and young faculty members can apply for support for local expenses. In addition, participants who would like to give a thirty minute talks on a topic related to the conference theme can submit the proposed title of their lecture. People who want support or to give a lecture should submit their information by **March 17, 2006 [new date]**.

> **PLEASE NOTE:**
> Due a glitch in the Cornell computer system, some registrations submitted around the END OF DECEMBER were lost. If you are uncertain about your registration you can contact rtd1@cornell.edu

IMS co-sponsored meeting:

2007 ENAR/IMS Spring Meeting: Statistical Science—Solving Problems That Matter
March 11-14, 2007, Hyatt Regency Atlanta, Georgia

w http://www.enar.org/meetings.htm

UPDATED

Invited Session Idea?

The ENAR 2007 Program Committee is soliciting suggestions for invited paper sessions for the 2007 Spring Meeting. You are welcome to suggest ideas and potential speakers and/or develop a formal proposal yourself. Either way, please send your ideas to the Program Chair, Amy Herring and/or Program Co-Chair, Gene Pennello.

The submission deadline is June 15, 2006. Invited sessions will be selected by the Program Committee from those suggested. To suggest ideas or topics informally, please e-mail your ideas and/or names of potential speakers to Amy or Gene. For a formal invited session proposal, please include the following:

Session title; Brief (1-2 paragraphs) motivation for session; Organizer name, affiliation, telephone, and e-mail address; Session chair name, affiliation, telephone, and e-mail address; Speaker information; Name, affiliation, and e-mail/telephone/FAX; Talk title; Short abstract/brief description of talk; Indication of whether the speaker has agreed to attend ENAR if session is selected; Indication of any conflicts the speaker might have with meeting dates; Potential session sponsor, e.g. ENAR, ASA Section on Survey Research Methods, ASA Biometrics Section, etc.

IMS co-sponsored meeting

International Conference on Frontiers in Statistics: Biostatistics and Bioinformatics
July 7–8, 2006
Northeast Normal University, Changchun, China

IMS Representative on Program Committees: Samuel Kou

w http://math.nenu.edu.cn/icf

The purpose of the Conference is to stimulate research at the interface between statistics and the biomedical and biological sciences. The Conference will provide a forum through which the participants may exchange ideas and be better informed of the latest developments in biostatistics and bioinformatics.

Co-organized by Northeast Normal University and the Chinese Academy of Sciences, the meeting is co-sponsored by the Chinese Society of Probability and Statistics, the National Natural Science foundation of China and the IMS.

Featured speakers: Norman Breslow, University of Washington; Burton Singer, Princeton University; Jianqing Fan, Princeton University; and Jun Liu, Harvard University.

Contacts:

Professor Jianhua Guo, Northeast Normal University (Chair) **e** jhguo@nenu.edu.cn
Professor Min Chen, Chinese Academy of Science
Professor Baoxue Zhang, Northeast Normal University **e** bxzhang@nenu.edu.cn

IMS co-sponsored meeting:

2008 ENAR/IMS Spring Meeting
March 16-19, 2008
Hyatt Regency Crystal City, Arlington, VA

w http://www.enar.org/meetings.htm

IMS sponsored meeting:

2006 WNAR/IMS Western Regional Meeting
June 27-30, 2006, Flagstaff, Arizona

w http://www.math. nau.edu/wnar/

IMS Program Chair: Wolfgang Polonik
(see advert, page 18)

WNAR/IMS 2006
at 7,000 feet!

June 27–30, 2006   Flagstaff, Arizona

www.math.nau.edu/wnar/

Northern Arizona University in Flagstaff, AZ, is hosting the 2006 WNAR/IMS meeting (Western North American Region of the International Biometrics Society and the Institute of Mathematical Statistics)

Short Course, June 27
Statistical Methods for Analysis of Missing Data
X H Andrew Zhou, University of Washington

WNAR Presidential Invited Address:
"(Data) Size Does Matter, but you might be in for a surprise…"
Xiao-Li Meng, Harvard University

Sample of Invited Sessions
Mixture Models in Genetic and Genomic Studies; Statistical Methods in Functional Imaging; Spatial Aspects of Design-Based Samples in Model-Based Estimation; New Methods for Sample Size Calculation

Activities for New Researchers
Student paper competition

New researchers' luncheon

New researchers' session on longitudinal data analysis

Traveling to Flagstaff
America West offers flights to Flagstaff, or fly to Phoenix and take the shuttle. Amtrak trains serve Flagstaff. Some student travel awards are available.

Join our societies!
WNAR: www.wnar.org
IMS: www.imstat.org

Other Attractions
Conference banquet

Textbook publishers' booths

Comfortable weather, with daily highs around 82°F, and less than half an inch of rain in June

The Grand Canyon. The San Francisco Peaks. Walnut Canyon. The Painted Desert. Wupatki. Sunset Crater. Oak Creek. Sedona. Meteor Crater. Lowell Observatory.

And a whole lot more!

Main photo above: Grand Canyon from Pima Point, West Rim Drive [US National Park Service (NPS) photo]. *Below:* Ponderosa pine forest around Flagstaff [Oregon State University, Dept of Botany and Plant Pathology]; Wupatki National Monument [NPS]; California Condor [Mark Lellouch, NPS]; Walnut Canyon [NPS]; Sunset Crater [NPS]

Other Meetings Around the World:
Announcements and Calls for Papers

Mid-Atlantic Causal Modeling Conference
June 27, 2006
University of Pennsylvania, Philadelphia, PA

NEW

This one-day conference is intended to provide a forum for researchers interested in causal modeling and inference to exchange ideas. Talks will be presented by researchers in the Mid-Atlantic region and a keynote talk will be given by Mark van der Laan, University of California, Berkeley. A poster session is open to all interested participants.

For more information on the conference and for registration information, see the website at http://www-stat.wharton.upenn.edu/~dsmall/causalconference.html or contact Dylan Small, Department of Statistics, University of Pennsylvania, dsmall@wharton.upenn.edu

Columbia University, Department of Statistics
Summer Course: June 5–28, 2006 (M, W 1:00-3:00)

NEW

Instructor: Professor David Madigan, Department of Statistics, Rutgers University

G8200: Topics in Statistical Methodology
Supervised Learning
- overview of supervised learning in statistics and machine learning; logistic regression and support vector machines; regularization and sparsifying methods; computation for high-dimensional classifiers; application: functional decision trees

Data Mining
- what is data mining and is it the same as statistics?; selected data mining algorithms; rule mining; clustering; scan statistics; causal inference in observational studies; application: drug safety; text mining; text categorization; authorship attribution; sequence models for text; application: entity indentification

Probabilistic Graphical Models
- what are graphical models and why are they useful?; major classes of graphical models; Bayesian computation for graphical models; application: location estimation in sensor networks; application: noncompliance in clinical trials

Columbia University, Department of Statistics
Summer Course: June 1–29, 2006 (Tu, Th 1:00-3:00)

NEW

Instructor: Professor David Aldous, Department of Statistics, University of California, Berkeley
G8201: Two Topics in Probability
This is a planned course of 8 two-hour lectures at Columbia in summer 2006. Tentatively: starting June 1, ending June 29.

The Poisson Clumping Heuristic [3 lectures]
My idiosyncratic 1989 book Probability Approximations via the Poisson Clumping Heuristic develops a method for writing down first-order approximations in a wide range of "generalized extrema" settings, and illustrates with 100 examples from areas like Markov chain hitting times, extrema of stationary processes, combinatorial maxima, stochastic geometry coverage problems, multidimensional diffusions escaping from potential wells, maxima of Gaussian random fields.

In the lectures, after warming up on some simple examples I will illustrate the idea by treating four of the more interesting examples:
- (C20) Empty freeway
- (D23) A spatial parking process
- (H1) Large holes in random scatter
- (K4) Spikes in Brownian motion

The book is out of print. A Postscript version can be found at <http://home.alamedanet.net/%7Espunkyones/book.ps>

One methodology for random graphs and random networks [5 lectures]
When useful calculations can be done within random graph models, they are often implicitly exploiting the locally tree-like property of the model. I will describe several overlapping aspects of a project making this property explicit:
- The mean field model of distance
- Local weak convergence of random graphs
- Recursive distributional equations for additively renormalized limits

From elementary results we will work up to 2 examples which are non-rigorously solvable via sophisticated 3-line arguments:
- Mean length of traveling salesman problem in mean-field model
- Flow through a random disordered directed network

Most relevant reference is the survey paper the objective method http://www.stat.berkeley.edu/users/aldous/Papers/me101.pdf

Sixth International Triennial Calcutta Symposium
Calcutta, India
December 29–31, 2006

NEW

Calcutta Statistical Association jointly with the Department of Statistics, Calcutta University is organizing the Sixth International Triennial Calcutta Symposium on Probability and Statistics during December 29–31, 2006. This Symposium follows in the footsteps of the previous five Symposia held in 1991,1994,1997,2000 and 2003.

As in the earlier Symposia, the objective is to provide a forum for researchers engaged in the field of Statistics and Probability to exchange ideas, facilitate discussions and share views amongst themselves. As on the previous occasions, this time also there will be a special session on Design of Experiments and Combinatorics in the memory of Late Professor R.C.Bose. On the occasion of the 100th birthday of late Professor S.N.Roy, there will be a special session on December 29,2006.

Those intending to participate are requested to contact the Convener of the organizing committee for further details:

Dr Asis Kumar Chattopadhyay
Department of Statistics
Calcutta University
35, Ballygunge Circular Road
Kolkata 700019
INDIA

e: akcstat@caluniv.ac.in;
asis_stat@yahoo.com;
sixtricalsy@yahoo.com

For further information visit us at www.calcuttastatisticalassociation.org
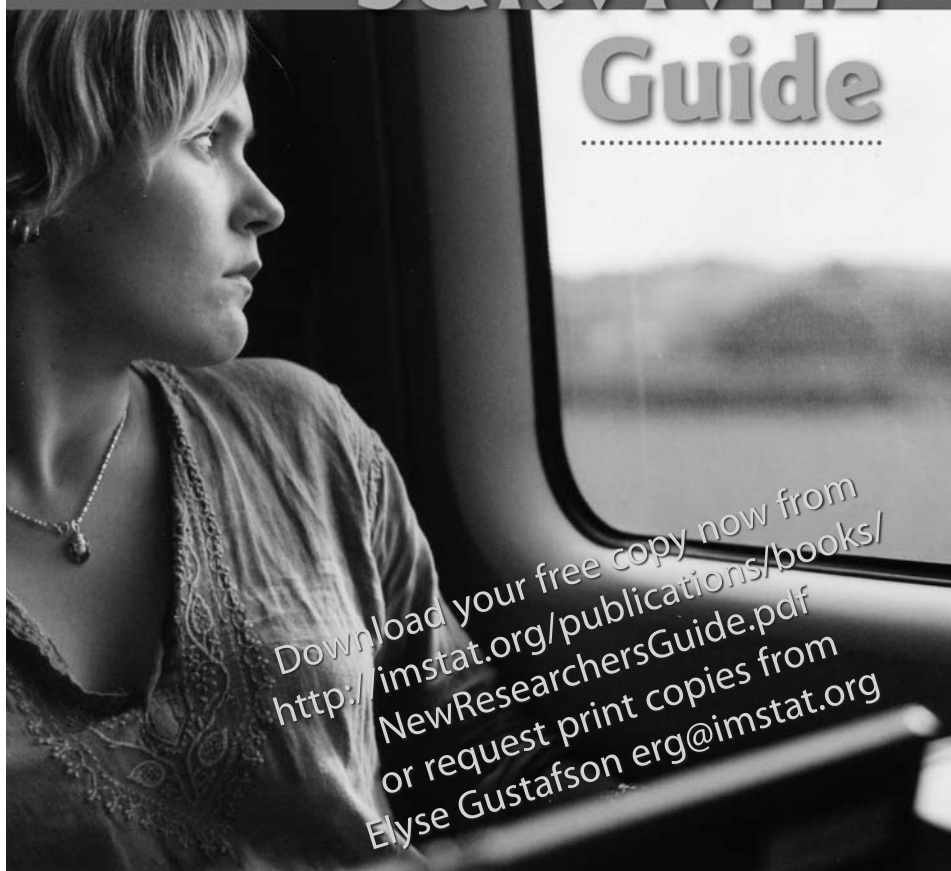
Employment Opportunities around the world

Directory of Advertisements

USA: Michigan

Assistant Professor of Mathematics
Kettering University

Kettering University, formerly GMI Engineering and Management Institute, invites applications for a tenure-track position at the Assistant Professor level in the area of Statistics beginning July 2006. Exceptional candidates may apply for Associate Professor rank, Ph.D. in Statistics or Mathematics is required.

Candidates must have demonstrated a commitment to teaching excellence at the undergraduate level, strong dedication to continuing scholarship, and potential for generating external funding. Preference will be given to candidates with interest in modern applied areas of statistics including data mining and actuarial science. Interest in financial mathematics is a plus. The department offers a Bachelor's Degree in Applied Mathematics with two concentrations, in Computational Mathematics and in Applied Statistics. Faculty members teach three eleven-week terms with a typical load of 32 contact hours per year.

Applicants should send two application packages, each including a letter of application, current resume, description of current research interests, statement of teaching philosophy, graduate transcripts, and three letters of reference, including one addressing teaching, to: *Kettering University, Mathematics Search Committee, Department of Science and Mathematics, 1700 West Third Avenue, Flint, MI 48504*. Applications will be reviewed as received and the position will remain open until filled.

UK: Bristol

University of BRISTOL

Postdoctoral Fellowships in Statistics

Following the Statistics group's success at winning a multi-million pound grant to support an ambitious initiative to support "Statistics underpinning Science, Technology and Industry" (SuSTaIn), applications are invited for two *Brunel* Postdoctoral Fellowships in Statistics, tenable from 1 September 2006 (or a date to be agreed) for a period of two years.

Successful candidates will be expected to undertake a programme of self-directed research in any branch of Statistics or Applied probability as part of a 6*-rated Statistics Group. The Department of Mathematics is one of the leading centres for research and teaching in mathematical sciences in the UK, and offers a stimulating and friendly environment with first-rate facilities.

The successful candidates will be appointed to the Research Assistant RA1A scale, according to qualifications and experience. The appointments are fixed term for 2 years and subject to the University's standard probationary procedures.

For further details see: http://www.stats.bris.ac.uk/
Contact for informal enquiries: Dr. C. Andrieu   c.andrieu@bristol.ac.uk   Tel 0117 928 9134

Grade: RA1A, currently £20044- £30002; Salary to be agreed. The University is developing a new pay, grading and terms and conditions structure that will be applied across all staff groups. All our jobs are currently being evaluated and we plan to implement a new structure by no later than August 2006. You can find further information at www.bris.ac.uk/personnel/reward/

Closing date for applications: 9.00am, 7th June 2006. Interviews will be held during June 2006.

USA: Michigan

Assistant Professor of Chemistry, Kettering University

Kettering University invites applications for a nine-month, tenure-track position in Chemistry at the assistant professor level. Kettering University, formerly GMI Engineering & Management Institute, operates on a five-year, fully cooperative plan of education. The Chemistry section of the Department of Science & Mathematics offers a Bachelor of Science degree in Chemistry and has a full range of modern chemical instrumentation available for use in teaching, research, and consulting.

Appointment will be contingent upon completion of all requirements for a Ph.D. degree in Chemistry at time of hire. The successful candidate will be required to provide evidence of high quality teaching and scholarly activity and proof of legal authority to work in the United States. The successful candidate will be expected to teach basic and advanced organic chemistry courses and initiate and conduct supported research.

This position is to begin July 5, 2006. Resumés will be reviewed as received and the position will remain open until filled. To ensure full consideration, send three (3) sets of curriculum vitae, description of research plans (including specialized equipment needs), transcripts (one must be official), and philosophy of teaching. Also arrange for three (3) letters of reference to be sent by the closing date to: *Chemistry Search Committee Chair, Department of Science & Mathematics, Kettering University, 1700 West Third Avenue, Flint, MI 48504-4898.*

See our web page at www.kettering.edu
EEO M/F/V/D

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

June 2006

NEW June 1–29: Columbia University, New York. **Department of Statistics Summer Course G8201: Two topics in Probability.** Instructor: Professor David Aldous (Berkeley). Tues & Thur 1:00-3:00. **w** www.stat.columbia.edu

June 1-7: Benidorm, Spain. **Valencia / ISBA 8th World Meeting on Bayesian Statistics.** Valencia 8 mailing list: **e** valenciameeting@ uv.es **w** www.uv.es/valenciameeting

ims June 4–29: Snowbird Resort, Utah. **2006 Joint AMS-IMS-SIAM Summer Research Conferences.** Write for invitation: Summer Research Conferences Coordinator, AMS, PO Box 6887, Providence, RI 02940 **e** wsd@ams.org by March 3, 2006. **w** www. ams.org/meetings/src06.html

NEW June 5–28: Columbia University, New York. **Dept of Statistics Summer Course G8200: Topics in Statistical Methodology.** Instructor: Professor David Madigan (Rutgers University). Mon & Wed 1:00-3:00. **w** www.stat.columbia.edu

June 5–9: Smolenice, Slovak Republic. **PROBASTAT 2006: 5th International Conference on Probability and Statistics. e** probastat@savba.sk **w** http://aiolos.um.savba. sk/~viktor/probastat.html

June 6–8: Sydney, Australia. **Salford Systems Data Mining 2006 Conferences. w** www.salforddatamining.com/

June 6–11: Penn State University. **Summer School for Statistical Challenges in Modern Astronomy IV**, June 6-10; **software tutorial**, June 11. Precedes Statistical Challenges in Modern Astronomy (see below) **w** http://astrostatistics.psu.edu/scma4/

June 11–16: Colorado State University, Fort Collins, CO. **2006 Graybill Conference:** Multiscale methods and statistics. **w** www. stat.colostate.edu/graybillconference/

ims June 12–15: Penn State University, University Park, PA. **Statistical Challenges in Modern Astronomy IV.** IMS Rep: G Jogesh Babu **e** babu@stat.psu.edu **w** http:// astrostatistics.psu.edu

ims June 13–17: Uppsala, Sweden. **15th International Workshop on Matrices and Statistics. w** www.bt.slu.se/iwms2006/ iwms06.html

June 13–17: North Carolina State Univ. NSF-CBMS: **Cluster Algebras and Applications.** Organizer: Naihuan Jing (919-513-3584, jing@unity.ncsu.edu) **w** www.math. ncsu.edu/~jing/conf/CBMS/cbms06.html

June 14–17: University of Connecticut, Storrs, CT. **ICSA 2006 Applied Statistics Symposium.** Ming-Hui Chen, Dept of Statistics, Univ of Connecticut, **e** mhchen@ stat.uconn.edu **w** www.icsa.org

June 15–17: Ferdowsi University of Mashhad, Iran. **Conference on Ordered Statistical Data and Related Topics.** Organizers: N Balakrishnan bala@univmail.cis.mcmaster.ca and N R Arghami arghami@math.um.ac.ir **w** http://osdrt.um.ac.ir/

June 18–23: Bressanone-Brixen, Italy. **Computational and Statistical Aspects of Microarray Analysis (IV).** Contact stefano. iacus@unimi.it **w** www.economia.unimi. it/marray

June 19–24: Univ of Illinois at Urbana-Champaign. **Conference on Stochastic Networks.** Chair: PR Kumar. **w** www. comm.csl.uiuc.edu/~srikant/stochnet.htm

June 21–24: Stanford University, CA. **Workshop on Algorithms for Modern Massive Data Sets**. Organizers: Gene Golub, Michael Mahoney, Petros Drineas, Lek-Heng Lim lekheng@cs.stanford.edu. **w** http://mmds.stanford.edu

June 22–23: Rochester, NY. **Biodefense Immune Modeling Symposium.** Hulin Wu, Department of Biostatistics and Computational Biology, University of Rochester, 601 Elmwood Ave, Box 630, Rochester, NY 14642. **t** 585-275-6767. **e** hwu@bst. rochester.edu

June 25–30: Vilnius, Lithuania. **9th International Vilnius Conference on Probability Theory and Mathematical Statistics.** Aleksandras Plikusas **e** conf@ktl. mii.lt **w** www.science.mii.lt/vilconf9/

June 26–29: Prague, Czech Republic. **S4G (Stereology, Spatial Statistics, Stochastic Geometry): 6th International Conference.** Viktor Benes **e** benesv@karlin.mff.cuni.cz or Radka Juzkova **e** radka.juzkova@svses.cz. **w** www.karlin.mff.cuni.cz/s4g/

International Calendar *continued*

ims June 26 – July 7: Ithaca, NY. **2nd Cornell Probability Summer School.** **w** www.math.cornell.edu/~durrett/CPSS2006/

ims June 27–30: Flagstaff, Arizona. **2006 WNAR/IMS Western Regional Meeting.** IMS Program Chair: Wolfgang Polonik. **w** www.math.nau.edu/wnar/

July 2006

July 2–7: Salvador, Brazil. **ICOTS7:** Working Cooperatively in Statistics Education. Carmen Batanero **e** batanero@ugr.es **w** www.maths.otago.ac.nz/icots7

July 3–6: Auckland, New Zealand. **ASC/NZSA 2006: Australian Statistical Conference and New Zealand Statistical Association. w** www.statsnz2006.com/ **e** statsnz2006@tourhosts.com.au

July 4–6: Leeds, UK. **25th LASR workshop: Interdisciplinary Statistics and Bioinformatics. e** workshop@maths.leeds.ac.uk **w** http://www.maths.leeds.ac.uk/statistics/workshop/

ims July 7–8: Northeast Normal Univ, Changchun, China. **International Conference on Frontiers in Statistics: Biostatistics and Bioinformatics.** IMS Rep Samuel Kou. **w** http://math.nenu.edu.cn/icf

ims July 10–13: University of Wisconsin–Madison. **Markov Processes and Related Topics: A conference in honor of Tom Kurtz on his 65th birthday.** IMS Representative on Program Committees: Stew Ethier. **w** http://www.math.utah.edu/~ethier/kurtzfest.html

July 10–14: Leiden, The Netherlands. **Asymptotics: particles, processes and inverse problems, on the occasion of the 65th birthday of Piet Groeneboom. w** www.lorentzcenter.nl/lc/web/2006/20060710/info.php3?wsid=189

July 16–21: Technical Univ of Lisbon, Portugal. **ICORS 2006: International Conference on Robust Statistics. w** www.math.ist.utl.pt/icors2006 **e** icors2006@math.ist.utl.pt

July 16-21: Montreal, Canada. XXIII **International Biometrics Conference.** Lynne Billard **t** 706-542-3281 **e** lynne@stat.uga.edu **w** www.ibc2006.org

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

July 24–28: Caxambu, Minas Gerais, Brazil. **17th Brazilian Symposium of Probability and Statistics. w** http://www.redeabe.org.br

July 24–28: Toruń, Poland. **26th European Meeting of Statisticians. e** ems2006@umk.pl **w** www.ems2006.umk.pl

July 24–28: Rey Juan Carlos University Foundation, Madrid, Spain. **2nd SIPTA School on Imprecise Probabilities.** Contact Enrique Miranda **e** enrique.miranda@urjc.es **w** http://bayes.escet.urjc.es/~emiranda/sipta

July 27–28: Penn State University, University Park, PA. **Workshop on Matrix Theory and Computations. w** www.stat.psu.edu/news/conferences/MatrixTheory_July2006.pdf

July 29 – August 2: Kansas State Univ. NSF-CBMS: **Interplay between Convex Geometry and Harmonic Analysis.** Organizers: Dmitry Ryabogin ryabs@math.ksu.edu and David Auckly dav@math.ksu.edu **w** www.math.ksu.edu/main/events/convex-geom

ims July 30 - August 4: Rio de Janeiro, Brazil. **IMS Annual Meeting and X EBP Brazilian School of Probability meeting.** Program Chairs: Robert Adler and Steve Lalley (Probability); Sara van de Geer and Guenther Walther (Statistics); Local Chair: Maria Eulália Vares, CBPF. Abstract submission deadline April 1; hotel reservation deadline May 30. Program online June 1. **w** www.imstat.org/meetings/IMS2006/

August 2006

ims August 1–5: University of Washington, Seattle. **9th IMS meeting of New Researchers in Statistics and Probability.** Co-chairs: Peter Craigmile and Peter Hoff: **e** nrc@stat.ohio-state.edu **w** www.stat.ohio-state.edu/~pfc/NRC/

ims August 2–3: University of British Columbia, Vancouver, Canada. IMS Mini-meeting: **Recent Advances on Stochastic Computation and Bioinformatics.** Organizers: Arnaud Doucet and IMS Rep Raphael Gottardo **e** raph@stat.ubc.ca **w** http://hajek.stat.ubc.ca/~raph/workshops/ims-mini/ims_workshop.html

ims August 5–6: IMPA, Rio de Janeiro, Brazil. **Young Researchers Symposium.** IMS Rep: S R S Varadhan. **w** http://www.impa.br/opencms/pt/eventos/store/evento_0010.html

ims August 6–10: Washington, Seattle. **JSM2006.** IMS Program Chair: Christopher Genovese; IMS Contributed Paper Chair: Jennifer Hoeting; IMS Local Chair: TBA **w** www.amstat.org/meetings/jsm/2006

August 6–12: Kent State University. NSF-CBMS: **Probabilistic and Combinatorial Approach in Analysis.** Organizers: Artem Zvavitch zvavitch@math.kent.edu, Per Enflo enflo@math.kent.edu and Andrew Tonge tonge@math.kent.edu **w** www.math.kent.edu/math/CBMS.cfm

August 7–8: Concordia University, Montreal, Canada. **First International Workshop on Gerber-Shiu Functions. w** http://www.mathstat.concordia.ca/gerber_shiu2006 [Preceding ARC 2006 at http://www.crm.umontreal.ca/Arc2006/index_e.html]**e** ger-shiu@mathstat.concordia.ca

August 21-25: Prague, Czech Republic. **Prague Stochastics 2006:** joint session of 7th Prague Symposium on Asymptotic Statistics and 15th Prague Conference on Information Theory, Statistical Decision Functions and Random Processes. Zuzana Prášková **e** praskova@karlin.mff.cuni.cz **w** www.utia.cas.cz/pragstocho6

August 22–24: Shiraz University, Iran. **8th Iranian Statistical Conference.** Conference Secretary Dr A Borhani-Haghighi, **e** isc8@susc.ac.ir **w** www.shirazu.ac.ir/isc8

August 22-30: Madrid, Spain. **International Congress of Mathematicians (ICM). w** www.icm2006.org

August 23–25: University of Dublin, Trinity College, Ireland. **High Performance Computing and Statistical Inference.** Local organiser Simon Wilson **e** simon.wilson@tcd.ie **w** www.tcd.ie/Statistics/hpcsi/

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

September 2006

September 1–4: Lisbon, Portugal. SCRA 2006-FIM XIII: **13th International Conference of the Forum for Interdisciplinary Mathematics on Interdisciplinary Mathematical and Statistical Techniques. w** http://scra2006.southalabama.edu/

September 10–14: Queen's University Belfast, Northern Ireland. **RSS 2006 Conference.** Paul Gentry **e** conference@rss.org.uk **w** www.rss.org.uk/rss2006

September 14–15: Foggia, Italy. **Spatial Data Methods for Environmental and Ecological Processes. w** www.unifg.it/spatial

September 27–29: Pamplona, Spain. **International Workshop on Spatio-Temporal Modelling (METMA3).** Lola Ugarte: **t** +34 948 169 202 **e** metma3@unavarra.es **w** www.unavarra.es/metma3

October 2006

October 11–14: University of Missouri, Columbia, MO. **6th Annual Winemiller Conference on Methodological Developments of Statistics in the Social Sciences.** Lori Thombs: **t** (573) 882-3844,

f (573) 884-5524, **e** thombsl@missouri.edu. Stas Kolenikov, **t** (573) 882-1577, **f** (573) 884-5524, **e** kolenikovs@missouri.edu. **w** http://www.socialsciencestatistics.com

October 22: University of Washington, Seattle. **8th Northwest Probability Seminar**, dedicated to the memory of Ron Pyke. No formal registration, but please e-mail Chris Burdzy burdzy@math.washington.edu. **w** http://www.math.washington.edu/~burdzy/nwprob2006.shtml

November 2006

November 1–3: Stellenbosch, South Africa. **2006 Annual Conference of the South African Statistical Association. w** www.sastat.org.za

December 2006

December 4–8: Australian National University, Canberra, Australia. **BioInfoSummer2006: ICE-EM Summer Symposium in Bioinformatics.** Katie Lau **e** BioInfoSummer@yin.anu.edu.au **w** http://wwwmaths.anu.edu.au/events/BioInfoSummer06/

December 18–20: Jerusalem, Israel. **The Book of Ester Samuel-Cahn: From Empirical Bayes to Prophet Inequalities.** Isaac Meilijson, Chair of Program Committee **e** isaco@post.tau.ac.il, **t** +972-3-640-8826 or Aliza Shadmi, Conference Coordinator **e** shadmi-n@012.net.il, **t** +972-2-641-6394. **w** http://www.EsterConference.huji.ac.il

International Calendar *continued*

December 2006 cont'd

ims December 28–29: Calcutta, India. Now an IMS co-sponsored meeting: **Multivariate Methods in the 21st Century: international conference to mark the birth centenary of Professor S N Roy and his legacy in Statistics.** Co-organizers: Barry C Arnold barry.arnold@ucr.edu or Ashis SenGupta ashis@isical.ac.in or ashis@stat.ucr.edu

NEW December 29–31: Calcutta, India. **6th International Triennial Calcutta Symposium on Probability and Statistics.** Contact Asis Kumar Chattopadhyay: Dept of Statistics, Calcutta University, 35, Ballygunge Circular Road, Kolkata 700019, India. **e** asis_stat@yahoo.com **w** www.calcuttastatisticalassociation.org

January 2007

ims January 2-5: Cochin, India. **IISA meeting on Statistics, Probability and Related Areas. w** http://www.stat.ohio-state.edu/~hnn/IISAConf2007.pdf

March 2007

ims March 11-14: Hyatt Regency Atlanta, Georgia. **2007 ENAR/IMS Spring Meeting. w** www.enar.org/meetings.htm

March 27–30: Bielfeld, Germany. **Statistik unter einem Dach / Statistics under one roof. w** www.statistik2007.de/enhome/index.html **e** dagstat2007@uni-bielefeld.de

June 2007

June 9–13: St John's, Newfoundland. **35th Annual Meeting of the Statistical Society of Canada.** Local Arrangements Chair: Brajendra Sutradhar **e** bsutradh@math.mun.ca **t** (709) 737-8731 **f** (709) 737-8731

July 2007

July 9–11: Vienna, Austria. **MCP 2007 Vienna:** 5th international conference on multiple comparison procedures. **w** www.mcp-conference.org

July 9-11: Eindhoven, The Netherlands. **2007 Applied Probability INFORMS Conference.** Hosted by EURANDOM and Eindhoven University of Technology. Local organiser Onno Boxma boxma@eurandom.tue.nl **w** http://appliedprob.society.informs.org/INFORMS2007/Index.html

ims July 29 – August 2: Salt Lake City, Utah. **IMS Annual Meeting at JSM2007** IMS Program Co-chairs: Tony Cai and Mark Low. **w** www.amstat.org/meetings/jsm/2007

March 2008

ims March 16-19: Hyatt Regency Crystal City, Arlington, VA. **2008 ENAR/IMS Spring Meeting. w** www.enar.org/meetings.htm

July 2008

ims July 20–26: Singapore. **71st IMS Annual Meeting in conjunction with 7th Bernoulli Society World Congress.** Details to follow.

August 2008

ims August 3–8: Denver, Colorado. **JSM2008.**

August 2009

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

August 2010

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

July 2011

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

July 2012

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

August 2014

ims August 3–7: Boston, Mass. **JSM2014.**

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

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, $28 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 $680 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).

Individual and General Subscriptions: Subscriptions are available on a calendar-year basis. Individual subscriptions are for the personal use of the subscriber and must be in the name of, paid directly by, and mailed to an individual. Individual subscriptions for 2006 are available to *The Annals of Applied Probability* ($105), *The Annals of Probability* ($110), *The Annals of Statistics* ($115), *IMS Bulletin* ($60), and *Statistical Science* ($100). General subscriptions are for libraries, institutions, and any multiple-readership use. General subscriptions for 2006 are available to *The Annals of Applied Probability* ($170), *The Annals of Probability* ($250), *The Annals of Statistics* ($250), *IMS Bulletin* ($70), and *Statistical Science* ($140). Airmail rates for delivery outside North America are $80 per title (excluding *IMS Bulletin*).

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

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General information

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	size: width x height (camera ready/PDF)	words (text ads)	rate
Single Paragraph	N/A	0-100	$125
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½ Page	7.5″ x 4″ (190 x 102 mm)	201-300	$225
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Issue		Deadline for Advertisement	Online by	Scheduled Mail Date
1:	January/February	*December 1*	December 15	January 1
2:	March	*February 1*	February 15	March 1
3:	April	*March 1*	March 15	April 1
4:	May	*April 1*	April 15	May 1
5:	June	*May 1*	May 15	June 1
6:	July	*June 1*	June 15	July 1
7:	August/September	*July 1*	July 15	August 1
8:	October	*September 1*	September 15	October 1
9:	November	*October 1*	October 15	November 1
10:	December	*November 1*	November 15	December 1

in the
next
issue

July 2006

Reports from IMS meetings around the world, as well as news of members, meeting announcements and job opportunities.

We'd love to hear from you! Send in your articles, feedback, letters…

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for
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June 1, 2006

Please see inside the back cover for subscription details and information for advertisers, including all our deadlines and requirements

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

IMS: Organized September 12, 1935

Kakuro corner

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

| 8 | 2 | 2 | 4 | ✗ |

No repeated digits in a sequence.

| 8 | 2 | 1 | 3 | ✗ |

This row sequence doesn't add up to 8.

| 8 | 1 | 5 | 2 | ✓ |

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

Solution 04 from last issue

Puzzle 05

Puzzle by www.yoogi.com