



January/February 2014

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Nobel Prize in Economics

The Royal Swedish Academy of Sciences has decided to award the Sveriges Riksbanks Prize in Economic Sciences in Memory of Alfred Nobel for 2013 to IMS member **Lars Peter Hansen**, University of Chicago, IL, USA, for his early research. Lars shares this honor with Eugene Fama and Robert Shiller, "for their empirical analysis of asset prices."



Lars Peter Hansen

Photo: Ricardomeyer/Wikipedia

There is no way to predict the price of stocks and bonds over the next few days or weeks. But it is quite possible to foresee the broad course of these prices over longer periods, such as the next three to five years. These findings, which might seem both surprising and contradictory, were made and analyzed by this year's Laureates.

Beginning in the 1960s, Eugene Fama and several collaborators demonstrated that stock prices are extremely difficult to predict in the short run, and that new information is very quickly incorporated into prices. These findings not only had a profound impact on subsequent research but also changed market practice. The emergence of so-called index funds in stock markets all over the world is a prominent example.

If prices are nearly impossible to predict over days or weeks, then shouldn't they be even harder to predict over several years? The answer is no, as Robert Shiller discovered in the early 1980s. He found that stock prices fluctuate much more than corporate dividends, and that the ratio of prices to dividends tends to fall when it is high, and to increase when it is low. This pattern holds for stocks, bonds and other assets.

One approach interprets these findings in terms of the response by rational investors to uncertainty in prices. High future returns are then viewed as compensation for holding risky assets during unusually risky times. In 1982 Hansen presented his statistical theory, the Generalized Method of Moments, then used it to test whether historical share prices were consistent with the best known asset-pricing model at the time. He found the methods being used must be rejected because they failed to explain share movements. As a result, Hansen's work helped confirm Shiller's preliminary findings on bubbles and inspired new research.

The Laureates have laid the foundation for the current understanding of asset prices. It relies in part on fluctuations in risk and risk attitudes, and in part on behavioral biases and market frictions.

Lars Peter Hansen, born in 1952 in Urbana, Illinois, received his PhD in 1978 from University of Minnesota, Minneapolis. He is the David Rockefeller Distinguished Service Professor in Economics & Statistics at the University of Chicago, IL, USA. Lars shares the prize of SEK 8 million (\$1.23 million) with the other two Laureates.

Lars delivered his lecture, "Uncertainty Outside and Inside Economic Models" on December 8: you can watch a video at the Nobel Prize website, <http://www.nobelprize.org>. You can also listen to a radio interview with Lars at http://www.nobelprize.org/nobel_prizes/economic-sciences/laureates/2013/hansen-interview.html

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IMS Members' News

Jeffrey Steif elected member of Royal Swedish Academy of Sciences

At its General Meeting on 9 October Jeffrey Steif, Chalmers University of Technology, was elected a member of the Royal Swedish Academy of Sciences.

The Royal Swedish Academy of Sciences is an independent organization whose overall objective is to promote the sciences and strengthen their influence in society. As well as awarding the Nobel Prizes, each year the Academy elects new members. Being elected a member of the Academy constitutes exclusive recognition of successful achievements. These could be prominent research in mathematics, natural science, engineering, social science or humanities, but also outstanding services to science. The Academy has today about 440 Swedish and 175 foreign members. Since its beginning in 1739, about 1,600 Swedish people have been elected to membership.

Jeffrey Steif is Professor of Mathematics at Chalmers University of Technology in Gothenburg, Sweden. Jeffrey's research area is probability theory and more specifically ergodic theory, percolation and particle systems. He has served as Associate Editor for *Annals of Probability*, *Annals of Applied Probability*, *Electronic Journal of Probability*, and *Electronic Communications in Probability*, among others.

Jeffrey's webpage is <http://www.math.chalmers.se/~steif/>



Jeffrey Steif

Alison Etheridge appointed as Programme Chair for Ninth World Congress (Toronto, 2016)

Prof Alison Etheridge has been appointed as Scientific Programme Chair for the 9th World Congress on Probability and Statistics, jointly sponsored by the Bernoulli Society and the Institute of Mathematical Statistics. The meeting will be held in Toronto, Canada, in the summer of 2016 (details to follow).

Professor Alison Etheridge works in the Statistics Department of Oxford University. Her research can be roughly divided into the three interconnected areas of infinite dimensional stochastic analysis, mathematical ecology and mathematical population genetics, with recent publications in *Annals of Probability*, *Theoretical Population Biology*, and *Genetics*; she has written books on financial calculus and superprocesses.

Her webpage is <http://www.stats.ox.ac.uk/~etheridg/>

ICSA Pao-Lu Hsu Award recognizes Jianqing Fan, Xiao-Li Meng and Bin Yu

At the Ninth ICSA International Conference (20–23 December, 2013 in Hong Kong) the International Chinese Statistical Association will present the first recipients of the Pao-Lu Hsu Award. Congratulations to Jianqing Fan from Princeton University, Xiao-Li Meng from Harvard University, and Bin Yu from University of California at Berkeley. This award recognizes their excellent scholarly accomplishments in statistical research as well as outstanding contributions to the development of sound statistics in Chinese communities. An official award ceremony with special presentations by the award recipients will be held at this conference. The titles of the Awardee Talks are:

Jianqing Fan: *Are we all wrong?*; Xiao-Li Meng: *A Trio of Inference Problems That Could Win You a Nobel Prize in Statistics (if you help fund it)*; Bin Yu: *Modeling Visual Cortex V4 in Naturalistic Conditions with Invariant and Sparse Image Representations*.

See the meeting website at <http://www.math.hkbu.edu.hk/ICSA2013/index.html>

Bulletin: Contributing Editors

New *IMS Bulletin* Editor Anirban DasGupta writes:

We are pleased to announce the team of Contributing Editors (CEs) who will be writing and soliciting articles for the *IMS Bulletin* over the next three years. They are **Robert Adler**, **Peter Bickel**, **Stéphane Boucheron**, **David Hand**, **Vlada Limic**, **Xiao-Li Meng**, **Dimitris Politis**, **Terry Speed** and **Hadley Wickham**. We are grateful to Peter, Xiao-Li and Terry for continuing, and to outgoing Contributing Editor Nicole Lazar for her several years of service. We also thank Dimitris Politis, former Editor, who kindly agrees to continue as CE for the *IMS Bulletin*.

We are also introducing a new feature in the Bulletin, the Student Puzzle Corner (see page 7). Student members, get your thinking caps on!

David Madigan appointed Faculty Dean at Columbia University

IMS Fellow **David Madigan** has been named executive vice president and dean of the Faculty of Arts and Sciences at Columbia University. Madigan has been the interim dean since March. He joined Columbia's faculty in 2007 as a professor of statistics and became the department chair the following year.

University President Lee C. Bollinger said, "In his important new leadership role, David will be called on to sustain and further strengthen Columbia's academic excellence, expand our interdisciplinary programs, and make this core academic community of arts and sciences even more diverse."

Madigan said fostering a more diverse faculty is one of his key objectives, along with supporting the highest quality teaching and learning. "As interim executive vice president I have experienced first hand the extraordinary quality and brilliance of the faculty and students here at Columbia and the attendant responsibility we have to do good in the world," he said. "I am excited and humbled to take on this role."

Born in Ireland, Madigan earned his bachelor's degree in mathematical sciences and a PhD in statistics from Trinity College, Dublin. He is a Fellow of IMS, the American Statistical Association, and the American Association for the Advancement of Science.

IMS members organising Nonparametric Statistics conference

Following the successful I SNPS (International Society of NonParametric Statistics) Conference in 2012 in Greece, Ricardo Cao, **Wenceslao Gonzalez-Manteiga** and **Juan Romo** are organizing the second ISNPS Conference in Cadiz, south of Spain, June 12–16, 2014.

The conference hotel is located 60 km (40 miles) from Jerez de la Frontera airport. The province of Cadiz is an exceptional and unique area, with high quality cultural, ecologic and gastronomic values, including villages, landscapes and 138 km of first class beaches with coves, inlets and long stretches of sand. Jerez de la Frontera has an international airport with direct connections to many European cities.

The IMS co-sponsored conference will put together recent advances and trends in several areas of nonparametric statistics in order to facilitate the exchange of research ideas, promote collaboration among researchers from all over the world and contribute to the further development of the field. The program (scheduled on June 12, 13, 15 & 16; June 14 will be a free day) will include plenary talks, special invited talks, invited talks and contributed talks on all areas of nonparametric statistics. Deadline for submission of contributed talks is February 15, 2014.


For any questions, please email isnps2014@adcommcentury.com and see the webpage <http://www.isnpstat.org>.

 = access published papers online

IMS Journals and Publications


Annals of Statistics: Peter Hall and Runze Li

<http://imstat.org/aos>

 <http://projecteuclid.org/aos>


Annals of Applied Statistics: Stephen Fienberg

<http://imstat.org/aoas>

 <http://projecteuclid.org/aoas>

Annals of Probability: Krzysztof Burdzy

<http://imstat.org/aop>

 <http://projecteuclid.org/aop>

Annals of Applied Probability: Timo Seppäläinen

<http://imstat.org/aap>

 <http://projecteuclid.org/aop>


Statistical Science: Peter Green

<http://imstat.org/sts>

 <http://projecteuclid.org/ss>

IMS Collections

<http://imstat.org/publications/imscollections.htm>

 <http://projecteuclid.org/imsc>

IMS Monographs and IMS Textbooks: David Cox

<http://imstat.org/cup/>

IMS Co-sponsored Journals and Publications

Electronic Journal of Statistics: George Michailidis

<http://imstat.org/ejs>

 <http://projecteuclid.org/ejs>

Electronic Journal of Probability: Michel Ledoux

 <http://ejp.ejpecp.org>


Electronic Communications in Probability:

Anton Bovier

 <http://ecp.ejpecp.org>

Current Index to Statistics: George Styan


<http://www.statindex.org>

 log into members' area at imstat.org

Journal of Computational and Graphical Statistics:

Thomas Lee

<http://www.amstat.org/publications/jcgs>

 log into members' area at imstat.org

Statistics Surveys: Donald Richards

<http://imstat.org/ss>

 <http://projecteuclid.org/ssu>

Probability Surveys: Laurent Saloff-Coste


<http://imstat.org/ps>

 <http://www.i-journals.org/ps/>

IMS-Supported Journals

Annales de l'Institut Henri Poincaré (B): Thierry

Bodineau & Lorenzo Zambotti <http://imstat.org/aihp>

 <http://projecteuclid.org/aihp>

Bayesian Analysis: Marina Vannucci

 <http://ba.stat.cmu.edu>


Bernoulli: Eric Moulines

<http://www.bernoulli-society.org/>

 <http://projecteuclid.org/bj>

Brazilian Journal of Probability and Statistics:

Nancy Lopes Garcia <http://imstat.org/bjps>

 <http://projecteuclid.org/bjps>

Stochastic Systems: Peter W Glynn

 <http://www.i-journals.org/ssy/>

IMS-Affiliated Journals


ALEA: Latin American Journal of Probability and

Statistics: Servet Martinez

 <http://alea.impa.br/english>

Probability and Mathematical Statistics: K. Bogdan,

M. Musiel, J. Rosiński, W. Szczotka, & W.A. Woyczyński

 <http://www.math.uni.wroc.pl/~pms>

Hand writing:

Data, data, everywhere, but let's just stop and think

Our new Contributing Editor David J. Hand (Imperial College, London) writes his first column, on the subject of Big Data:

Surely nobody who has the slightest awareness of what's going on in the world can be unaware of the phrase 'big data'. Almost every day the newspapers and television make reference to it, and it's ubiquitous on the web. In November, a Google search for the phrase 'big data' yielded 1.8 billion hits. Google Trends shows that the rate of searches for the phrase is now about ten times what it was at the start of 2011.

The phrase defies an exact definition: one can define it in absolute terms (so many gigabytes, petabytes, etc) or in relative terms (relative to your computational resources), and in other ways. The obvious way for data to be big is by having many units (e.g., stars in an astronomical database), but it could also be big in terms of the number of variables (e.g., genomic data), the number of times something is observed (e.g., high frequency financial data), or by virtue of its complexity (e.g., the number of potential interactions in a social network).

However one defines it, the point about 'big data' is the implied promise—of wonderful discoveries concealed within the huge mass, if only one can tease them out. That this is exactly the same promise that data mining made some twenty years ago is no accident. To a large extent, 'big data' is merely a media rebranding of 'data mining' (and of 'business analytics' in commercial contexts), and the media coining of the phrase 'big data' goes some way towards explaining the suddenness of the rise in interest.

Broadly speaking, there are two kinds of use of big data. One merely involves searching, sorting, matching, concatenating, and so on. So, for example, we get directions from Google maps, we learn how far away

the next bus is, and we find a shop stocking the item we want. But the other use, and my personal feeling is there are more problems of this kind, involves inference. That is, we don't actually want to know about the data we have but about data we might have had or might have in the future. What will happen tomorrow? Which medicine will make us better? What is the true value of some attribute? What would have happened had things been different? While computational tools are the keys to the first kind of problem, statistical tools are the keys to the second.

If big data is another take on data mining (looking at it from the resources end, rather than the tool end) then perhaps we can learn from the data mining experience. We might suspect, for example, that interesting and valuable discoveries will be few and far between, that many discoveries will turn out to be uninteresting, or obvious, or already well-known, and that most will be explainable by data errors. For example, big data sets are often accumulated as a side-effect of some other process—calculating how much to charge for a basket of supermarket purchases, deciding what prescription is appropriate for each patient, marking the exams of individual students—so we must be wary of issues such as selection bias. Statisticians are very aware of such things, but others are not.

As far as errors are concerned, a critical thing about big data is that the computer is a necessary intermediary: the only way you can look at the data is via plots, models, and diagnostics. You cannot examine a massive data set point by point. If data themselves are one step in a mapping from the phenomenon being studied, then looking at those data through the window of the computer is yet another step. No wonder errors and misunderstandings creep in.

Moreover, while there is no doubt that

big data opens up new possibilities for discovery, that does not mean that 'small data' are redundant. Indeed, I might conjecture an informal theorem: the number of data sets of size n is inversely related to n . There will be vastly more small data sets than big ones, so we should expect proportionately more discoveries to emerge from small data sets.

Neither must we forget that data and information are not the same: it is possible to be data rich but information poor. The manure heap theorem is of relevance here. This mistaken theorem says that the probability of finding a gold coin in a heap of manure tends to 1 as the size of the heap tends towards infinity. Several times, after I've given talks about the potential of big data (stressing the need for effective tools, and describing the pitfalls outlined above), I have had people, typically from the commercial world, approach me to say that they've employed researchers to study their massive data sets, but to no avail: no useful information has been found.

Finally, the bottom line: to have any hope of extracting anything useful from big data, and to overcome the pitfalls outlined above, effective inferential skills are vital. That is, at the heart of extracting value from big data lies statistics.



IMS Child Care Initiative

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. This year's annual meeting is in conjunction with the Australian Statistical Conference in Sydney, July 7–10.

The IMS will reimburse members 80% of the costs of privately arranged child care* (for a dependent under the age of 13) at the 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.

For details, see <http://imstat.org/meetings/childcare.htm>

Apply by June 1, 2014

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

- The member's name and email address,
- Copy of registration, and copy of receipt for abstract submission (if applicable), and
- Projected amount of child care expenses for the time of the meeting.

After the meeting, please submit a complete receipt showing total amount of child care expenses, dates of care and names and birth dates of dependents, together with the claiming member's name and address.

*If, instead of hiring a child care provider, the member chooses to bring an unpaid family member/friend to the JSM to provide child care, the IMS can reimburse 80% of the cost of their travel, up to \$250.



The children listened, enthralled, to the story of mathematical statistics, while their parents attended the IMS Annual Meeting.

IMS Monographs and Textbooks: new volumes

The *IMS Textbooks* series, published with Cambridge University Press, give introductory accounts of topics of current concern suitable for advanced courses at master's level, for doctoral students and for individual study. They are typically shorter than for a fully developed textbook, often arising from material created for a topical course. The books typically contain exercises.

IMS Monographs are concise research monographs of high quality on any branch of statistics or probability of sufficient interest to warrant publication as books. Some will concern relatively traditional topics in need of up-to-date assessment; others will be on emerging themes. In all cases the objective will be to provide a balanced view of the field.

The Editors for both series are Xiao-Li Meng, Susan Holmes, Ben Hambly, D. R. Cox, Alan Agresti.

IMS Textbook: Stochastic Networks by Frank Kelly and Elena Yudovina
Member price: PB \$20.99 (was \$34.99); HB \$51.00 (was \$85.00). Pre-order now; publication due February 2014.

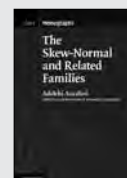
A compact, highly-motivated introduction to some of the stochastic models found useful in the study of communications networks.



IMS Monograph: The Skew-Normal and Related Families by Adelchi Azzalini and Antonella Capitanio
Member price: HB \$48.00 (was \$80.00)

Publication due January 2014.

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JSM 2014: Call for Contributed Abstracts

Jean Opsomer is the Program Chair for the Joint Statistical Meetings in Boston, which will take place August 2–7, 2014. He writes:

JSM 2014 (<http://www.amstat.org/meetings/jsm/2014/index.cfm>) will take place at the Boston Convention and Exhibition Center in Boston, Massachusetts, August 2–7, 2014. As I am writing this, the members of the JSM Program Committee are hard at work finalizing next year's invited program. Together with the plenary lectures, these invited sessions will form the backbone of the 2014 JSM activities. But if you will forgive a bad analogy, what is the use of a backbone without the rest of the body? What makes the JSM a truly rewarding conference is not just these carefully selected sessions, but also the breadth of activities in which attendees can directly participate, ranging from continuing education short courses and roundtable luncheons to poster and contributed sessions.

Unlike conferences in many other disciplines, JSM is based on the principle that every participant should have the opportunity to present his/her work. That said, given the sustained growth JSM has experienced in recent years, we are getting close to the point where the size of the program becomes overwhelming for participants. I will return to this topic below.

The theme of 2014 JSM, laid out by ASA President Nat Schenker, is "Statistics: Global Impact—Past, Present, and Future." This theme seeks to emphasize, celebrate, and share information about the contributions our profession has made, currently makes, and will continue to make to important problems in the world. The website for JSM 2014 already contains much information about the program, other JSM activities, and the host city—and more content is added frequently.

The next stage of preparation for JSM involves building the contributed program. This part of the JSM program includes poster

sessions, SPEED sessions, topic-contributed sessions, and contributed sessions. I will describe each, but want to first draw your attention to the following important deadline. *To present your work in any format, you must submit an abstract and register for the conference by February 3.* The website above will provide instructions and links for the submission process.

Poster Sessions

Presentation of a poster is a terrific way to participate in the meeting. A poster affords you and your audience the chance to have a conversation about the work, making for a much more personal experience compared to presenting in a contributed session. While poster sessions are still a somewhat new format at JSM, they have become more popular and well attended, so I encourage you to consider this format.

SPEED Sessions

This new type of session is a "hybrid" between a poster and presentation session that was introduced last year on a trial basis in collaboration with five ASA sections (i.e., Biometrics, Statistics in Epidemiology, Statistical Learning and Data Mining, Biopharmaceutical Statistics, and Survey Methodology). A speed session consists of 20 oral presentations of five minutes each, with 10 minutes of break after the first set of 10 talks. The short oral presentations are then followed by a poster session on the same day. All indications are that the trial was extremely successful, so SPEED sessions will again be featured next year.

Topic-Contributed Sessions

A topic-contributed session is organized around a common theme and includes five



participants. The session can entail five papers, or four papers with discussant, or three papers with two discussants. Topic-contributed sessions have several advantages over contributed sessions:

- They provide a more cohesive set of papers with a common theme
- They are limited to five participants, rather than seven as in a contributed session, allowing up to 20 minutes for each speaker to present
- They are labeled as topic-contributed in the program, providing more visibility and attracting larger audiences

Topic-contributed sessions require more work up front, because the organizer has to select a theme, invite speakers, and submit a session proposal prior to February 3. Starting with JSM 2014, the number of topic-contributed sessions is going to be capped, with each participating society and the ASA section given an allocation based on past numbers. This is being done to help contain the growth of the JSM program, which has been particularly pronounced in this category. Because of this, it is expected that a selection of proposals will be done by the JSM Program Committee. Proposals not accepted can be converted to contributed sessions.

Contributed Sessions

The final category in the contributed program is the contributed sessions. These do not involve the up-front planning that characterizes topic-contributed sessions. To present a contributed paper, you simply have

to submit a title and abstract, along with an indication of which ASA section is most closely associated with the topic of your paper. These sessions consist of seven papers, each presented in 15 minutes, and are put together by the JSM Program Committee.

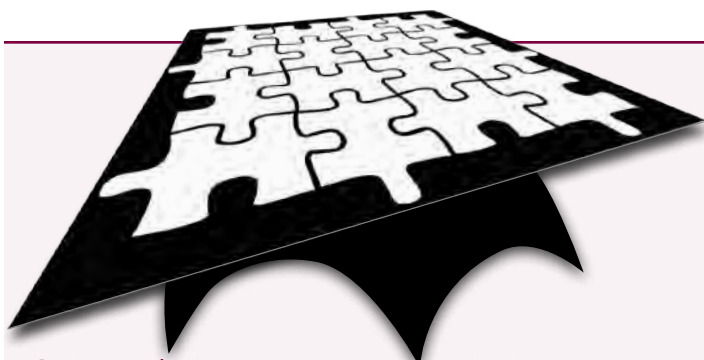
In closing, let me return to the subject of the size of the JSM program. In Montréal, there were almost 700 sessions overall, with 47 going on at the same time during most of the conference. While this is a clear testimony to the vitality of the statistical discipline, it is also reaching the point where the program becomes unwieldy for both conference attendees and organizers. The Committee on Meetings, which is comprised of representatives of all the sponsoring societies, and the JSM Program Committee (see <http://www.amstat.org/meetings/jsm/2014/program.cfm>) have been considering ways to manage the growth of the JSM program while maintaining the overall quality and

high level of access embodied in the contributed portions of the program. The SPEED sessions, in addition to being an innovative and fun format, are meant to reduce the number of contributed sessions. Similarly, the newly introduced cap on the number of topic-contributed sessions is intended to slow the growth of the program. The latter decision was not taken lightly and is likely to be somewhat controversial, especially among participants who might see their session proposal not accepted. As we continue grappling with the issues surrounding future planning of JSM,

I encourage you to contact us with your feedback and suggestions.

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This article originally appeared in the December 2013 issue of *Amstat News*.
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Join us in Boston for JSM 2014!



Beginning this issue, we are starting an initiative to engage more student members of the IMS in *Bulletin* reading and independent research activities. The new *Student Puzzle Corner* will contain one or two problems in statistics or probability. Sometimes, solving the problems may require a literature search.

Current student members of the IMS are invited to submit solutions electronically (to bulletin@imstat.org with subject "Student Puzzle Corner"). Deadline **January 15, 2014**.

The names and affiliations of all student members to submit correct solutions, and the answers to the problems, will be published in the next issue of the *Bulletin*. The Editor's decision is final.

Student Puzzle Corner

Current IMS student member? Email us the solution to this puzzle: 43 cookies are distributed one by one at random among 10 children. Find the exact probability that each child gets at least 2 cookies. Decimal answers or simulated approximations will not be accepted as an exact probability.





ANNUAL REVIEWS

Celebrating 80 Years of Publishing Excellence

New in 2014 From Annual Reviews:

Annual Review of Statistics and Its Application

Volume 1 • January 2014 • <http://statistics.annualreviews.org>

Access available online, via your mobile device, or in print.

Editor: **Stephen E. Fienberg**, *Carnegie Mellon University*

Associate Editors: **Nancy Reid**, *University of Toronto*

Stephen M. Stigler, *University of Chicago*

The *Annual Review of Statistics and Its Application* aims to inform statisticians, quantitative methodologists, and users of statistics about major methodological advances and the computational tools that allow for their implementation. It will include developments in the field of statistics, including theoretical statistical underpinnings of new methodology, as well as developments in specific application domains such as biostatistics and bioinformatics, economics, machine learning, psychology, sociology, and aspects of the physical sciences.

Complimentary online access to the first volume will be available for the first year.

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ISOSS celebrates Silver Jubilee

ISOSS celebrates Silver Jubilee and International Year of Statistics

On 22 November 2013 a large number of statisticians, as well as many patrons and supporters of statistics, gathered at ISOSS House in Lahore, Pakistan, to celebrate the 25 years of professional services of the Islamic Countries Society of Statistical Sciences (ISOSS).

The Society was established in Lahore in 1988 in the First Islamic Countries Conference on Statistical Sciences (ICCS-1) to promote statistical sciences and their diverse applications in various sectors of lives and societies in the Islamic Countries. Its membership is open to statisticians of all orientation.

The founding President of ISOSS, Professor Munir Ahmad, gave a brief background and history of ISOSS and its landmark contributions. He emphasized the need for the creation of provincial and local societies of statisticians in Pakistan to organize national conferences and promote other statistical activities. Founding Secretary General of ISOSS, Professor Akhlaq Ahmad, and two most senior living statisticians of Pakistan, Professor Abdus Samad Hirai and Professor Ahmad Zogo Memon, shared their experiences with their young predecessors. The past President of ISOSS, Professor Shahjahan Khan of University of Southern Queensland, Australia was the chief guest in the event; he highlighted some of the recent activities of ISOSS and the need for new leadership of ISOSS with world class achievement. Emeritus

Professor Jawed Siddiqi of Sheffield Hallam University, UK, and a former Head of the British Computer Society, also spoke at the event. The founding Vice President, Professor Muhammad Hanif Mian, was also present in the meeting.

Everyone thanked the Executive Secretary of ISOSS, Mohammad Iftekhhar for his outstanding professionalism and contributions to ISOSS. A traditional Pakistani dinner was served at the end of the meeting.

The event also marked the celebration of the International Year of Statistics 2013 and the Mathematics of Planet Earth.

Professors Siddiqi and Khan also participated in the Kinnaired Multidisciplinary Research Conference held at the Kinnaired Women College, Lahore from 18–19 November 2013 as part of its celebration of 100 years.

Participants were invited to the forthcoming 13th Islamic Countries Conference on Statistical Sciences (ICCS-13) to be held in Bogor Agricultural University (formerly IPB Bogor), Indonesia, from December 18–21, 2014. The theme of the conference is *Statistics for Better Life*. Contact iccs13@isoss.net and <http://www.iccs13.isoss.net>

*Reported by Professor Shahjahan Khan,
University of Southern Queensland, Australia*



*Pictured from left:
Professors Munir Ahmed,
Abdus Salam Hirai,
Shahjahan Khan, Jawed
Siddiqi and Muhammad
Hanif Mian*

Mathematics of Planet Earth: *beyond 2013*



“Mathematics of Planet Earth 2013” (MPE2013)—the year-long program created to encourage research on a range of topics related to Planet Earth—has been active for almost a year and will transition into “Mathematics of Planet Earth” (MPE) at the end of 2013.

What has been accomplished and what are the plans for MPE?

MPE2013 was conceived to stimulate the mathematics research community to identify fundamental research questions about Planet Earth and to reach out to the general public to highlight the role of mathematics in global studies of the Earth. It has grown into an international effort, received the patronage of UNESCO, and involved more than 140 partners, including professional societies, academic institutions, research institutes, and teacher organizations. The distinctive MPE2013 logo has been featured at many conferences, workshops, and lectures, and MPE2013 has found its way among the public, the media, and schools worldwide.

Beginning in 2014, the program will continue as “Mathematics of Planet Earth” (MPE) with the same objectives, namely identify fundamental research questions about Planet Earth and reach out to the general public. As Christiane Rousseau, principal coordinator of MPE2013, observed, “MPE2013 has been a great start. But identifying the research problems is not enough. Mathematics moves slowly, the planetary problems are very challenging, and we start realizing how much remains to be done.”

MPE2013 (<http://mpe2013.org>) activities have included more than 15 long-term programs at mathematical research institutes all over the world, 60 workshops, dozens of special sessions at society meetings, two major public lecture series, summer and winter schools for graduate students, research experiences for undergraduates, an international competition, and an Open Source MPE Exhibition. In addition, MPE2013 has supported the development of high-quality curriculum materials for all ages and grades available on the MPE2013 Web site.

Encouraging Research

The scientific activities of MPE2013 were directed both to the mathematical sciences community, whose members are encouraged to identify fundamental research questions about Planet Earth and their potential collaborators in other disciplines. The program provides evidence that many issues related to weather, climate, sustainability, public health, natural hazards, and financial and social systems lead to interesting mathematical problems. Several summer and winter schools have offered training opportunities for junior researchers in these areas.

Reaching Out

The outreach activities of MPE2013 were nearly as important as the scientific activities. More than sixty public lectures have been given with audience on all five continents. Particularly noteworthy were the MPE Simons Public Lectures, now posted on the MPE2013 Web site, which were supported financially by the Simons Foundation. MPE2013 has maintained a speakers bureau, supported the development of curriculum materials, maintained a collection of posters, and produced special issues of mathematical magazines and other educational materials. Many activities took place at schools in several countries. The permanent MPE Open Source Exhibition is now hosted on the website of IMAGINARY and can be used and adapted by schools and museums.

Daily Blog

The dual mission of MPE2013—stimulating the mathematics research community and reaching out to the general public—is reflected in the Daily Blogs (one in English, the other in French), each of which has featured more than 250 posts on topics ranging from astronomy to uncertainty quantification. The blog gets several hundred hits a day.

Why has the MPE2013 movement been so popular?

According to Brian Conrey, MPE coordinator in the United States, “The level of effort and cooperation demonstrated by MPE2013 is unprecedented in the community of mathematical scientists. Undoubtedly, one of the reasons is the increased awareness among the general public, shared by the mathematical and scientific communities, that our planet is in trouble. For too long, we have conducted an uncontrolled experiment, using natural resources as if they were infinite. The scientific community agrees that it is time to get a better understanding of our place and role within the Earth system, and mathematics has something to contribute to the discussion, whether on the subject of resource management, climate change, risk

assessment, or any of the other issues related to Planet Earth.”

MPE2013 has drawn the attention of other disciplines as well. Among its partners are the American Geophysical Union, the International Association for Mathematical Geosciences, and the International Union of Geodesy and Geophysics. The research on planetary issues is interdisciplinary, and collaboration and networking are essential for progress.

MPE2013 has presented the public, the schools and the media with challenging applications of mathematics, with significant answers to questions like “What is mathematics useful for?” and “Hasn’t everything been discovered in mathematics?” According to Ferdinando Arzarello, President of the International Commission of Mathematical Instruction (ICMI):

MPE2013 wonderfully contributes to diffuse an informed culture of environment and helps to get a common mathematical toolkit necessary to deal the dramatic challenges faced today by our planet.

According to Mary Lou Zeeman, MPE coordinator for Education, “The curriculum material developed for MPE2013 provides a wealth of material for schools and educators and will be used for many years to come.”

MPE (<http://mathofplanetearth.org>)

On January 1, 2014, MPE2013 will continue as “Mathematics of Planet Earth” (MPE). The objectives remain unchanged—identify fundamental research questions about Planet Earth and reach out to the general public. With support from the US National Science Foundation, MPE will maintain a website where additional educational and outreach materials will be posted. New modules will be developed and added to the MPE Exhibition. Plans for more MPE activities exist in several countries in the form of workshops, summer schools, and even the creation of new graduate programs in Mathematics of Planet Earth.

Future of the Statistical Sciences

Future of the Statistical Sciences Workshop – Recorded Sessions now online

The capstone event of the International Year of Statistics was a two-day invited workshop on “The Future of the Statistical Sciences.” This workshop brought together around a hundred of the world’s leading statisticians, together with scientists who collaborate with statisticians, science writers and representatives of funding agencies, who convened at the UK Royal Statistical Society’s headquarters in London on November 11 and 12, 2013. The event sought to convey an important story to each primary audience:

- *To scientists in data-rich fields:* statisticians are ready, willing and able to engage in deep, long-term collaborations;
- *To funding agencies:* statistics is the data science and can (and does) provide tools to enable progress across a huge range of human endeavors;
- *To statisticians:* don’t let the opportunities for high-impact research pass you by; and
- *To future statisticians:* join us and engage in a discipline with a huge future.

The videos from the live stream broadcast of the Future of the Statistical Sciences Workshop are now available, with thanks to Wiley, at <http://www.statisticsviews.com/view/webinars.html>. If you are not already registered with Statistics Views, you can do so (free) at <http://www.statisticsviews.com/view/register.html>.

Among the speakers were IMS Fellows Peter Bühlmann, Ray Carroll, Nancy Reid, Don Berry, Bernard Silverman, Marie Davidian, Paul Embrechts, Jane-Ling Wang, Iain Johnstone, Steve Fienberg, Alan Karr, Susan Murphy, Andrew Gelman, and Michael Jordan; and members Doug Nychka, Tom Louis, Sandrine Dudoit, Sofia Olhede, Thomas Nichols, Hadley Wickham, Rafael Irizarry, Steve Scott, Michael Newton, Sally Morton, Dick De Veaux, Miguel Nakamura, David Hand, and Emmanuel Candès. Presenters spoke on a variety of subjects, from health, dietary, and environmental issues to the challenge of reproducibility to the portrayal of statistics in the media.

A major outcome of the workshop will be a paper—produced by a professional science writer—that will be targeted to worldwide funding agencies.



The organizers of the International Year of Statistics, now drawing to a close, have been reflecting on the year’s achievements and looking ahead to the future, in the December 2 newsletter (which you can download from www.statistics2013.org). Read what they have to say about how Statistics2013 is evolving on page 12...

Introducing The World of Statistics!

In the *International Year of Statistics News*, December 2, 2013, the Steering Committee reflect on the achievements of the International Year of Statistics (Statistics2013), now drawing to a close, and look ahead to the future:

Participants will agree the International Year of Statistics has been a tremendous yearlong celebration of all things statistics. Much has been accomplished over the past 11 months and during the year and a half leading up to 2013. For instance, an engaged network of more than 2,300 organizations—national and international professional statistical societies, colleges and universities, primary and secondary schools, businesses, government statistical agencies, and research institutes—representing 128 countries came together to promote statistics around the world. Hundreds of informative and insightful events worldwide—many attended by the public—were sponsored by Statistics2013 participating organizations. Media organizations the world over took notice of the International Year of Statistics.

These and other successes are prime examples of why the organizers of Statistics2013 decided it was essential to continue beyond the end of this year the momentum generated by the global Statistics2013 movement.

To continue carrying the key messages of statistics to the world's population, the Statistics2013 Steering Committee has

selected a new name for the movement. That new name is: *The World of Statistics!*

The mission of The World of Statistics will be to further advance the goals of the Statistics2013 campaign, which are:

- Increase public awareness of the power and impact of statistics on all aspects of society
- Nurture statistics as a profession, especially among young people
- Promote creativity and development in the sciences of probability and statistics

The new organization World of Statistics will have a new website, <http://www.worldofstatistics.org>, and related communications mediums. Key components of the Statistics2013 website will be carried over to The World of Statistics website. Among these will be the Teacher Resources, Statistics as a Career and What is Statistics? sections and the popular Activities Calendar, which lists hundreds of statistics-related events and meetings from around the world.

If your organization already has confirmed activities for 2014, 2015 or beyond, please send us information about these events so we can post these to the new Activities

Calendar or send us this information as you finalize your events. Be sure to use the Event Submission Form for the Activities Calendar to submit information about your organization's event.

The Twitter handle will change January 1 to @astatworld. Please take a few minutes to start following this new The World of Statistics Twitter account.

Finally, the *International Year of Statistics News* newsletter will become *News of The World of Statistics*. Beginning the first of the New Year, the newsletter will be published every three weeks and will be emailed to you and thousands of your colleagues worldwide. As you have done previously, please send us information about your organization's events and activities using the Post-Event Information & Photo Submission Form and we will publish your article in an upcoming issue of the *News of the World of Statistics*.

We—the members of the Statistics2013 Steering Committee—thank you for helping make the International Year of Statistics an unqualified success and urge your continued active participation in The World of Statistics.

2014 Mortimer Spiegelman Award: Call for Nominations

The Applied Public Health Statistics Section of the American Public Health Association (APHA) invites nominations for the 2014 Mortimer Spiegelman Award honoring a statistician below the age of 40 who has made outstanding contributions to health statistics, especially public health statistics. The Award was established in 1970 and is presented annually at the APHA meeting. The Award serves three purposes: to honor the outstanding achievements of both the recipient and Spiegelman, to encourage further involvement in public health of the finest young statisticians, and to increase awareness of APHA and the Applied Public Health Statistics Section in the academic statistical community. More information is at http://www.apha.org/membersgroups/sections/aphasections/stats/about/spiegelman_procedure.htm

To be eligible for the 2014 Spiegelman Award, a candidate must have been born in 1975 or later. Please email a nominating letter, up to but not exceeding three letters of support, and the candidate's CV, to the 2014 Spiegelman Award Committee Chair, Professor Sudipto Banerjee, School of Public Health, University of Minnesota, baner009@umn.edu. Inquiries may be emailed to the same address.

Please state in the nominating letter the candidate's date of birth. The nomination letter should include one or two paragraphs that describe how the nominee's contributions relate to public health concerns. A maximum of three supporting letters per nomination can be provided. Nominations for the 2014 Award must be submitted by **April 1, 2014**.

XL-Files: Nobel Prize in Statistics?



Contributing Editor Xiao-Li Meng writes.

No, this was not inspired by my recent Ig Nobel experience. The idea has been around for a long time but it particularly inspired me when I was asked to contribute to a volume celebrating the 50th anniversary of COPSS. The first few paragraphs of my article explained why I titled it “*A Trio of Inference Problems That Could Win You a Nobel Prize in Statistics (if you help fund it)*”:

“The title of my article is designed to grab attention. But why Nobel Prize (NP)? Wouldn’t it be more fitting, for a volume celebrating the 50th anniversary of COPSS, to entitle it “*A Trio of Inference Problems That Could Win You a COPSS Award (and you don’t even have to fund it)*”? Indeed, some media and individuals have even claimed that the COPSS Presidents’ Award is the NP in Statistics, just as they consider the Fields Medal to be the NP in Mathematics.

No matter how our egos might wish such a claim to be true, let us face the reality. There is no NP in statistics, and worse, the general public does not seem to appreciate statistics as a “rocket science” field. Or as a recent blog (August 14, 2013) in *Simply Statistics* put it “Statistics/statisticians need better marketing” because (among other reasons), ‘Our top awards don’t get the press they do in other fields. The Nobel Prize announcements are an international event. There is always speculation/intense interest in

who will win. There is similar interest around the Fields Medal in mathematics. But the top award in statistics, the COPSS Award, doesn’t get nearly the attention it should. Part of the reason is lack of funding (the Fields is \$15K, the COPSS is \$1K). But part of the reason is that we, as statisticians, don’t announce it, share it, speculate about it, tell our friends about it, etc. The prestige of these awards can have a big impact on the visibility of a field.’”

For me, the most compelling reason for having highly visible awards in any field is to enhance its ability to attract future talent. Virtually all the media and public attention our profession received in recent years has been on the utility of statistics in all walks of life. We are extremely happy for and proud of this recognition—it is long overdue. However, the media and public have given much more attention to the Fields Medal than to the COPSS Award, even though the former has hardly been about direct or even indirect impact on everyday life. Why this difference? Forgiving me for self-plagiarizing twice, but here was/is my reflection:

“Rather, these awards arouse media and public interest by featuring how ingenious the awardees are and how difficult the problems they solved, much like how conquering Everest bestows admiration not because the admirers care or even know much about Everest itself but because it represents the ultimate physical feat. In this sense, the biggest winner of the Fields Medal is mathematics itself: enticing the brightest talent to seek the ultimate intellectual challenges.

And *that* is the point I want to reflect upon. Have we statisticians adequately conveyed to the media and general public the depth and complexity of our beloved subject, *in addition to* its utility? Have we tried to demonstrate that the field of statistics has problems (e.g.,

modeling ignorance) that are as intellectually challenging as the Goldbach conjecture or Riemann Hypothesis, and arguably even more so because our problems cannot be formulated by mathematics alone? In our effort to make statistics as simple as possible for general users, have we also emphasized adequately that reading a couple of stat books or taking a couple of stat courses does not qualify one to teach statistics?”

Of course no award attracts more attention than the NP does. And there is no shortage of NP-hard problems and (hence) NP-worthy figures in statistics. I’m sure our personal lists of historical NP-worthy figures would be more homogenous (e.g., Fisher, Pearsons, Neyman, Tukey, Box) than the lists for contemporary ones, but surely compiling the latter is more fun!

“Fun?” I hear you say. “Don’t you have better things to do than teasing people with a non-existent prize?”

You are right, but (hopefully) not for long. The International Year of Statistics (just ending as I write this) has brought together an effort to establish an International Prize in Statistics (soon announced; check the ASA webpage daily). It will have an NP-like amount: \$1M* (if you help fund it). And if we believe statisticians are as persuasive (and clever) as economists, who shrunk *Sveriges Riksbank Prize in Economic Sciences in Memory of Alfred Nobel* to *Nobel Prize in Economics* [see the announcement on the front cover of this issue!], I don’t see why we cannot succeed in expanding ours to the *International Prize of Statistics in Memory of Alfred Nobel*?

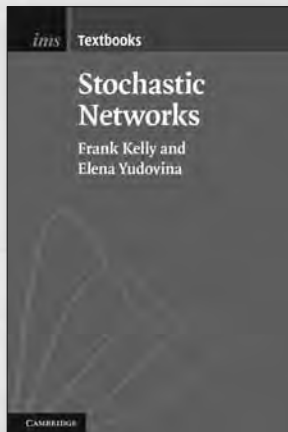
Just curious, who’s your top nominee? Post your responses at bulletin.imstat.org!

.....
* Editor’s Note: IMS members Raghu Varadhan and David Donoho have won respectively the Abel Prize and Shaw Prize, two major mathematical prizes at the \$1M level.

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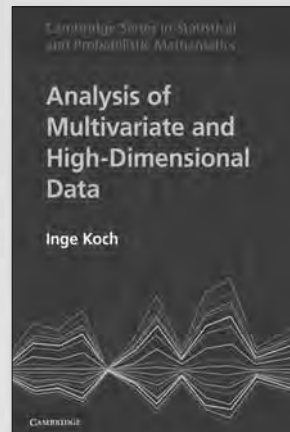
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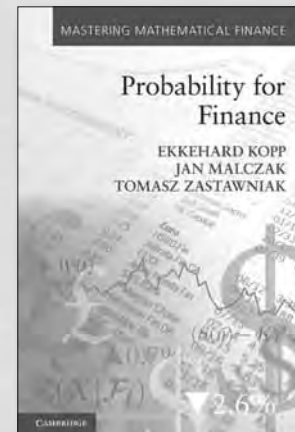
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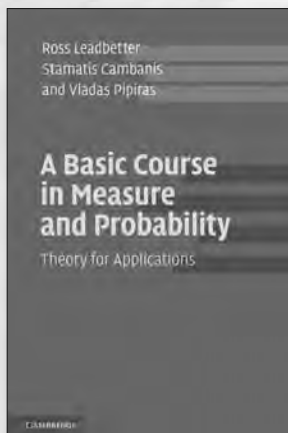
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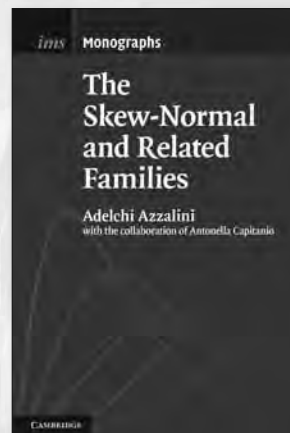
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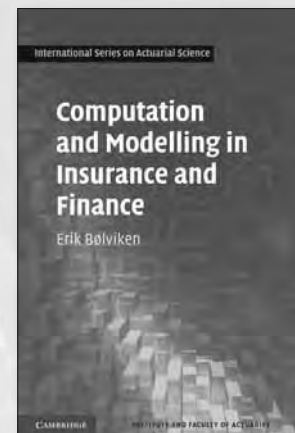
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IMS-ASC 2014 meeting: Sydney, Australia

Australian Statistical Conference in Conjunction with the IMS Annual Meeting

July 7–10, 2014, Sydney, Australia

<http://www.ims-asc2014.com/>

Registration now open

On behalf of the **Statistical Society of Australia** and the **Institute of Mathematical Statistics**, the organising committee invite you to attend the joint Australian Statistical Conference & IMS Annual Meeting, to be held 7–10 July, 2014, at the Australian Technology Park in Sydney, Australia.

Delegates from all areas of statistics will join with world class Australian and international statisticians and mathematicians to benefit from the excellent opportunities for presentations on a wide range of topics recognizing the role that statistics plays in all aspects of modern life.

The conference objectives are to:

- attract world class statisticians to share their knowledge and expertise,
- inform delegates about new work and developments in statistics, probability and mathematical statistics,
- provide an opportunity for professionals from all of these areas to network, present and discuss ideas.

Speakers

A high caliber contingent of keynote speakers will be brought together at this premier event:

ASC:

James Brown, University of Southampton; Adrian Baddeley, University of Western Australia; Sheila Bird, Cambridge University; Rob Tibshirani, Stanford University

IMS:

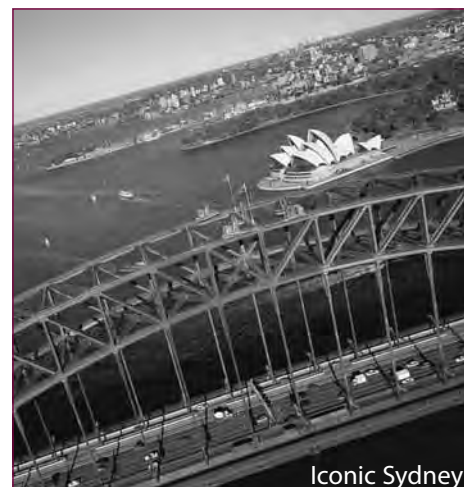
Thomas G. Kurtz, University of Wisconsin-Madison; Peter Donnelly, University of Oxford; Terry Lyons, University of Oxford; Nina Gantert, Technische Universität München; Martin Hairer, University of Warwick; Timo Seppäläinen, University of Wisconsin-Madison; Matthew Stephens, University of Chicago; Harrison Zhou, Yale University

Themes

The conference will also feature a wide-ranging program incorporating the following themes:

Bayesian Statistics, Bioinformatics, Biostatistics, Computational and Asymptotic Statistics, Causal inference, Dirichlet form theory, Econometrics, Environmental Statistics, Experimental designs, Filtering theory, Finance and Physics, Financial Statistics, Forecasting, Functional data analysis, Genomics, Graphical models and networks, Gaussian processes, High-dimensional statistics, Heavy tail phenomenon, Infinite dimensional analysis, Large-scale inferences, Large deviations, Limit theory, Levy processes, Long range dependence, Malliavin calculus, Mathematical statistics, Markov processes, Measure-valued processes, Multivariate statistics, Nonparametric statistics, Non local operators, Official statistics methodologies, Particle systems, Percolation probability on trees and graphs, Probability, Random matrices, Random surfaces, Robust statistics, Sample surveys methodology, SLE Stochastic Analysis, Spatial statistics, Stochastic differential equations, Stochastic optimization, Stochastic models in biology, Stochastic networks, Stochastic processes, Stochastic/statistical modeling, Statistical computing, Statistical learning, Time series.

For more information about the conference, please visit the website, www.ims-asc2014.com



Iconic Sydney

Register now: ASC-IMS 2014

You can register now for the meeting (the early bird registration deadline is February 28) with or without lunches.

As an IMS member you receive a discount on registration rates: see

www.ims-asc2014.com/registration-page/

IMS meetings around the world

IMS co-sponsored meeting

Frontiers of Hierarchical Modeling in Observational Studies, Complex Surveys and Big Data Conference Honoring Professor Malay Ghosh

May 29–31, 2014

University of Maryland, College Park, USA

<http://www.jpms.umd.edu/ghosh>

IMS Representative on Program Committees: Gauri S. Datta

Invited speakers: William R. Bell, Jim Berger, Nikolay Bliznyuk, Sudip Bose, Brad Carlin, Sanjay Chaudhuri, Ming-Hui Chen, Cynthia Clark, Bertrand Clarke, Mike Daniels, Anirban DasGupta, Dipak Dey, Hani Doss, Robert E. Fay, Ralph Folsom, D.A.S. Fraser, Edward George, Jayanta Ghosh, Peter Hall, Jim Hobert, Myron Katzoff, Kshitij Khare, Rod Little, Thomas Louis, Bani Mallick, Glen Meeden, Isabel Molina, Domingo Morales, Carl Morris, Rahul Mukherjee, Nitis Mukhopadhyay, Ralf Munnich, Danny Pfeiffermann, J.N.K. Rao, Nancy Reid, Christian P. Robert, Judith Rousseau, Sanat Sarkar, Nathaniel Schenker, Joseph Sedransk, Pranab Sen, Thomas Severini, Bimal Sinha, Bikas Sinha, Cidambi Srinivasan, Muni S. Srivastava, Dongchu Sun, Changbo Wu, Zhihua Xu, James Zidek

IMS co-sponsored meeting

9th World Congress on Probability and Statistics

July 11–15, 2016

Toronto, Canada

This meeting is jointly sponsored by the Bernoulli Society and the IMS. The Scientific Programme Chair is Alison Etheridge. The Local Chair is Tom Salisbury.

IMS sponsored meeting

JSM 2014: August 2–7, 2014, Boston, USA

<http://amstat.org/meetings/jsm/2014/>

JSM Program Chair: Jean Opsomer, Colorado State University. IMS Invited Program chair: Nancy Reid, University of Toronto. IMS Contributed Program chair: Bertrand Clark, University of Nebraska–Lincoln.

Abstract submission opens **December 3** (see key dates below).

Key dates:

December 3, 2013–February 3, 2014: Online submission of abstracts, invited posters, introductory overview lectures, topic and regular contributed abstracts

March 31–April 17, 2014: Online Abstract Editing Open

May 1, 2014: Registration & Housing Open (early-bird registration deadline May 29; housing deadline July 2)

Joint Statistical Meetings dates, 2015–2018

IMS sponsored meeting

IMS Annual Meeting @ JSM 2015: August 8–13, 2015

Seattle, WA, USA

<http://amstat.org/meetings/jsm/>

IMS sponsored meeting

JSM 2016: July 30–August 4, 2016, Chicago, IL, USA

<http://amstat.org/meetings/jsm/>

IMS sponsored meeting

IMS Annual Meeting @ JSM 2017: July 29–August 3, 2017

Baltimore, MD, USA

<http://amstat.org/meetings/jsm/>

IMS sponsored meeting

JSM 2018

July 28–August 2, 2018

Vancouver, Canada

IMS sponsored meeting

IMS Annual Meeting @ JSM 2019:

July 27–August 1, 2019, Denver, CO

IMS sponsored meeting

JSM 2020

August 1–6, 2020

Philadelphia, PA

At a glance:

*forthcoming
IMS Annual
Meeting and
JSM dates*

2014

IMS Annual Meeting:

Sydney, Australia,

July 7–10, 2014

ims-asc2014.com

JSM: Boston, MA,

August 2–7, 2014

2015

IMS Annual Meeting

@ **JSM:** Seattle, WA,

August 8–13, 2015

2016

IMS Annual Meeting:

Toronto, Canada,

July 11–15, 2016

JSM: Chicago, IL,

July 30 – August 4, 2016

2017

IMS Annual Meeting

@ **JSM:** Baltimore,

MD, July 29 –

August 3, 2017

2018

IMS Annual Meeting:

TBD

JSM: Vancouver,

Canada, July 28–

August 2, 2018

IMS co-sponsored meeting

XIII CLAPEM: Congreso Latino-americano de Probabilidad y Estadística Matemática**September 22–26, 2014****Cartagena de Indias, Colombia****w** <http://www.clapem.unal.edu.co/>

IMS Rep: David Aldous, Berkeley.

The Latin American Congress on Probability and Mathematical Statistics, (CLAPEM, by its initials in Spanish) will be holding its 13th edition in Cartagena de Indias, Colombia, September 22–26, 2014. CLAPEM is the largest event in Probability and Statistics of the Latin American region and has been held every two/three years in different countries of the region since 1980.

The XIII CLAPEM will include three short courses, six plenary conferences, eighteen thematic sessions, contributed talk sessions and poster sessions.

Short courses

Bin Yu, Department of Statistics, University of California, Berkeley, USA.

Alison Etheridge, Department of Statistics, University of Oxford, UK.

Paul Embrechts, Department of Mathematics, ETH Zurich, Switzerland.

Plenary speakers

Gerard Biau, Université Pierre et Marie Curie, France.

Sourav Chatterjee, Courant Institute of Mathematical Sciences, USA.

Carenne Ludeña, Universidad Central de Venezuela.

Thomas Mikosch, University of Copenhagen, Denmark.

Roberto Imbuzeiro Oliveira, IMPA, Brazil.

Victor Rivero, CIMAT, México.

The Invited thematic session titles can be found at www.clapem.unal.edu.co

Abstract Submission: The deadline for abstract submission for the contributed talk and poster sessions is **March 13, 2014**. All contributing authors will be notified by May 1st, 2014, whether their abstract has been accepted.

Financial support: There will be a limited number of partial supports for students who wish to attend the congress. The deadline for both registration and application for support is March 13, 2014. For more information, please visit: www.clapem.unal.edu.co

Looking forward to see you in Cartagena!

The organizing committee

IMS co-sponsored meeting

16th IMS New Researchers Conference**Boston, Massachusetts****July 31–August 2, 2014****w** TBC

The purpose of the conference is to promote interaction and networking among new researchers in probability and statistics.

IMS sponsored meeting

2015 IMS-China International Conference on Statistics and Probability**July 1–4, 2015****Kunming, Yunnan, P. R. China****w** <http://www.2015imschina.com>Contact: Qiwei Yao **e** q.yao@lse.ac.uk**t** +44 20 7955 6767

We are pleased to announce that the fifth IMS-China International Conference on Statistics and Probability will be held in Kunming, China, from 1–4 July, 2015. Its scientific program will cover a wide range of topics in probability, statistics and their related areas. The conference will also provide an excellent forum for scientific exchanges and for forging new research collaborations.

The conference website <http://www.2015imschina.com/> contains updated information and the contact details.

IMS co-sponsored meeting

10th Cornell Probability Summer School**July 20–August 1, 2014****Cornell University, Ithaca, NY****w** <http://www.math.cornell.edu/~cpss/>

Registration is expected to open in January with a tentative deadline of April 7, 2014. Funding is available to support local expenses of some advanced graduate students and young researchers. Applications for funding will be accepted during the registration process.

Main Lecturers

Three main lecturers will each give six 75-minute lectures:

Gerard Ben Arous (New York University)

Eyal Lubetzky (Microsoft Research, Theory Group), *Time-space information percolation for the stochastic Ising model*Jeremy Quastel (University of Toronto), *The Kardar-Parisi-Zhang equation and universality class*

Other speakers will be invited to give short talks.

More IMS meetings around the world

IMS co-sponsored meeting

Seminar on Stochastic Processes 2014

March 26–29, 2014

La Jolla, CA, USA

w <http://depts.washington.edu/ssproc/>

Contact: Jason Schweinsberg jschwein@math.ucsd.edu

The Seminar on Stochastic Processes (SSP) in 2014 will be held at the University of California at San Diego on March 26–29, 2014.

The local organizers will be Patrick Fitzsimmons, Amber Puha, Jason Schweinsberg, and Ruth Williams. The invited speakers will be Rodrigo Banuelos (Kai Lai Chung Lecturer), Sandra Cerrai, Neil O’Connell, Sebastien Roch, and Ramon van Handel. Tutorial lectures aimed at new researchers will be given by Vidas Sidoravicius in the afternoon of Wednesday, March 26, the day before the main SSP program begins.

IMS co-sponsored meeting

Third IMS Asia Pacific Rim Meetings

June 30–July 3, 2014

Taipei, Taiwan

NEW website <http://ims-aprm2014.ntu.edu.tw/>

The third IMS Asia Pacific Rim Meetings will take place in Howard International House (<http://intl-house.howard-hotels.com/>), Taipei, Taiwan, during the period Monday, June 30–Thursday, July 3, 2014. This meeting series provides an excellent forum for scientific communications and collaborations for researchers in Asia and the Pacific Rim. It also promotes communications and collaborations between the researchers in this area and those from other parts of the world.

The program covers a wide range of topics in statistics and probability, presenting recent developments and the state of the art in a variety of modern research topics and in applications. For more information, you may contact the program chairs: Byeong U. Park (bupark@stats.snu.ac.kr) and Feifang Hu (fh6e@virginia.edu).

The conference website has been recently changed to <http://ims-aprm2014.ntu.edu.tw/>

Call for Papers:

Submission of contributed papers and posters starts from November 15 to **December 31**, 2013. All participants (including distinguished lecturers, discussants, invited speakers) who would like to give a talk or present a poster must submit an abstract. Only online submission will be accepted. The abstract should not exceed 400 words. Late submission will not be accepted. The abstracts should be submitted in PDF format only, using either of the abstract templates provided at <http://ims-aprm2014.ntu.edu.tw/CP.php>

IMS co-sponsored meeting

MCMSki IV

January 6–8, 2014

Chamonix Mont-Blanc, France

w <http://www.pages.drexel.edu/~mw125/mcmski/>

The fifth joint international meeting of the IMS and ISBA (International Society for Bayesian Analysis), nicknamed “MCMSki IV”, will be held in Chamonix Mont-Blanc, France, from Monday, January 6 to Wednesday, January 8, 2014. The meeting, the first for the newly-created BayesComp section of ISBA, will focus on all aspects of MCMC theory and methodology, including related fields like sequential Monte Carlo, approximate Bayesian computation, Hamiltonian Monte Carlo. In contrast with the earlier meetings, it will merge the satellite Adap’ski workshop into the main meeting by having parallel invited and contributed sessions on those different themes, as well as poster sessions on both Monday and Tuesday nights. In addition, a one-day post-conference satellite workshop on Bayesian nonparametrics, modelling and computations (“BNP’ski”) will be held in the same location on January 9th, 2014.

IMS co-sponsored meeting

Workshop on Finance, Probability and Statistics (FPS)

July 2–5, 2014

University of Technology, Sydney (UTS)

w <http://www.qfrc.uts.edu.au/IMS-FPS-2014>

IMS Representative(s) on Program Committees: X. Guo, T. L. Lai
This, the Fourth IMS-FPS workshop, is a satellite workshop to the joint Australian Statistical Conference & IMS Annual Meeting, which will be held in Sydney from 7–10 July. The previous IMS-FPS workshops were held in 2011 at Columbia University, in 2012 at the University of California at Berkeley and in 2013 at the National University of Singapore. The goal of the workshop is to bring together leading academic experts, practitioners and junior researchers, which will highlight important contributions to mathematical and computational finance made through the use of statistics and probability.

The workshop topics include, but are not limited to:

- Computational and simulation methods in finance and risk management
- Credit and liquidity risk
- Energy and weather derivatives
- Financial time series and econometrics
- High frequency trading: data, models and strategies
- Volatility models

Please see the website for details.

IMS co-sponsored meeting

37th Conference on Stochastic Processes and their Applications**July 28–August 1, 2014****Buenos Aires, Argentina****w** <http://mate.dm.uba.ar/~probab/spa2014/>*SPA 2014: Call for Contributed Sessions*

The 37th Conference on Stochastic Processes and their Applications will take place at the University of Buenos Aires, Argentina, from July 28 to August 1, 2014. The meeting will consist of Plenary Lectures, Invited Sessions and Contributed Sessions conducted in parallel.

Plenary speakers: Anton Bovier, Ivan Corwin, Laszlo Erdős, Antonio Galves, Christophe Garban, Martin Hairer (Lévy Lecture), Milton Jara, Gady Kozma, Eyal Lubetzky, Sylvie Méléard, David Nualart (IMS Medallion Lecture), Felix Otto, Tomohiro Sasamoto, Scott Sheffield, Fabio Toninelli, and Balint Tóth, and a Doeblin Prize Lecture to be announced.

The Invited Sessions can be found at <http://mate.dm.uba.ar/~probab/spa2014/program.html#invitedsessions>

Organizing Committee: Inés Armendáriz, Pablo A. Ferrari, Pablo Groisman, Matthieu Jonckheere, Nora Muler, Leonardo T. Rolla. Contact **e** spa.conference.2014@gmail.com

IMS co-sponsored meeting

38th Conference on Stochastic Processes and their Applications**July 13–17, 2015, Oxford, United Kingdom****w** TBC

IMS co-sponsored meeting

Second Conference of the International Society of Nonparametric Statistics (II ISNPS)**June 12–16, 2014****Cadiz, Spain****w** www.isnpstat.org

IMS Representative on Program Committees: Juan Romo

Following the successful I ISNPS (International Society of NonParametric Statistics) conference in 2012 in Greece, Ricardo Cao, Wenceslao Gonzalez-Manteiga and Juan Romo are organizing the II ISNPS Conference in Cadiz, southern Spain, from June 12–16, 2014.

The conference hotel is located 60 km (40 miles) from Jerez de la Frontera airport. The province of Cadiz is an exceptional and unique area, with high quality cultural, ecologic and gastronomic values, including villages, landscapes and 138 km of first class beaches with coves, inlets and long stretches of sand. Jerez de la Frontera has an international airport with direct connections to many European cities.

The IMS co-sponsored conference will put together recent advances and trends in several areas of nonparametric statistics in order to facilitate the exchange of research ideas, promote collaboration among researchers from all over the world and contribute to the further development of the field. The program (scheduled on June 12, 13, 15 & 16; June 14 will be a free day) will include plenary talks, special invited talks, invited talks and contributed talks on all areas of nonparametric statistics. Deadline for submission of contributed talks is **February 15, 2014**.

For any questions, please email isnps2014@adcommcentury.com and see the webpage.

ENAR, 2014–2016

IMS sponsored meeting

2014 ENAR/IMS Spring Meeting**March 16–19, 2014****Baltimore, Maryland, USA****w** <http://www.enar.org/meetings.cfm>

IMS sponsored meeting

2015 ENAR/IMS Spring Meeting**March 15–18, 2015****Miami, Florida, USA****w** <http://www.enar.org/meetings.cfm>

IMS sponsored meeting

2016 ENAR/IMS Spring Meeting**March 6–9, 2016****Austin, Texas****w** <http://www.enar.org/meetings.cfm>

IMS co-sponsored meeting

INFORMS Applied Probability Society Conference 2015**July 5–8, 2015, Istanbul, Turkey****w** TBC

IMS sponsored meeting

2014 WNAR/IMS Annual Meeting**June 15–18, 2014****Honolulu, Hawaii, USA****w** <http://www.wnar.org/>

The 2014 WNAR/IMS meeting will be June 15–18, in Hawaii. It will be held at the Conference Center of the University of Hawaii at Manoa, in Honolulu, HI.

IMS co-sponsored meeting

Frontier Probability Days**May 18–20, 2014****University of Arizona, Tucson, AZ****w** TBC

IMS Representatives on Program Committees: Tom Alberts, Davar Koshnevisan, Firas Rassoul-Agha, Sundar Sethuraman, Edward Waymire
Web page under construction; details to follow.

Other meetings around the world

NIMBioS Investigative Workshop: Interface Disease Models

NEW

**March 11–13, 2014, NIMBioS at the
University of Tennessee, Knoxville**

w http://www.nimbios.org/workshops/WS_interface.html

Infectious disease models have a long history in human epidemiology, but only more recently have been applied to domestic or wildlife host species. These models offer a way to test response plans, evaluate detection methods, identify effective methods to mitigate disease, and answer policy questions. Given that many diseases of current and future concern have both wild and domestic animal components, a need exists to understand the strengths and weaknesses of current modeling frameworks to capture the dynamics both within and between wild and domestic hosts. Enhanced collaboration across institutions and among biologists, modelers, and veterinarians is needed to reduce the risks posed by animal-related diseases. Through this workshop, we seek to develop a better understanding of the availability and utility of different kinds of modeling approaches as well as the data to answer complex questions.

13th Islamic Countries Conference on Statistical Sciences (ICCS-13)

NEW

December 18–21, 2014

**Bogor Agricultural University (formerly IPB
Bogor), Indonesia**

w <http://www.iccs13.isoss.net>

Contact **e** iccs13@isoss.net

The theme of the conference is *Statistics for Better Life*. If you wish to organize an invited session (with 4–5 speakers) on an area of your expertise or contribute a paper, please contact the Scientific Program Committee at the email address above.

NIMBioS Tutorial: “Parameter Estimation for Dynamic Biological Models”

NEW

May 19–21, 2014, NIMBioS at the University of Tennessee, Knoxville

w http://www.nimbios.org/tutorials/TT_data.html

Modeling biological data requires powerful mathematical and statistical tools and techniques. This tutorial is for biologists interested in doing statistics with more complex non-linear models of their data and for mathematicians interested in learning how to apply their modeling skills to the unique demands of real dynamic biological data. Methods for parameter estimation that will be taught include maximum likelihood and ordinary least squares. Additional tools of model identifiability and sensitivity analysis will be covered. Through a mixture of introductory instruction and hands-on computer-based learning, participants will learn software and tools they can use for biological data. Familiarity with simple differential equation models or difference equation models is a prerequisite.

Application deadline: January 31, 2014. Participation in NIMBioS tutorials is by application only. Individuals with a strong interest in the topic are encouraged to apply, and successful applicants will be notified within two weeks after the application deadline. If needed, financial support for travel, meals, and lodging is available for tutorial attendees.

8th Annual International Conference on Statistics

June 30–July 3, 2014

Athens, Greece

w <http://www.atiner.gr/statistics.htm>.

Second Call for Papers and Participation

The Mathematics & Statistics Research Unit of the Athens Institute for Education and Research (ATINER), will hold its 8th Annual International Conference in Athens, Greece, from the 30 June & 1–3 July 2014. The registration fee is €300 (euro), covering access to all sessions, two lunches, coffee breaks and conference material. Special arrangements will be made with a local luxury hotel for a limited number of rooms at a special conference rate. In addition, a number of special events will be organized: a Greek night of entertainment with dinner, a special one-day cruise in the Greek islands, an archaeological tour of Athens and a one-day visit to Delphi.

The conference is soliciting papers (in English only) from all areas of statistics and other related areas. Selected (peer-reviewed) papers will be published in a Special Volume of ATINER's book series. If you think that you can contribute, please submit a 300-word abstract by 3 March 2014, by email **e** atiner@atiner.gr to: Dr. Constantine Georgakis, Academic Member, ATINER & Associate Professor, DePaul University, USA. Please include: Title of Paper, Full Name(s), Current Position, Institutional Affiliation, an email address and at least 3 keywords that best describe the subject of your submission. Please use the abstract submitting form at <http://www.atiner.gr/2014/FORM-STA.doc>. Announcement of the decision is made within 4 weeks after submission, which includes information on registration deadlines and paper submission requirements. If you want to participate without presenting a paper, i.e. chair a session, evaluate papers to be included in the conference proceedings or books, contribute to the editing of a book, or any other contribution, please send an email to Dr. Gregory T. Papanikos (gtp@atiner.gr), President of ATINER.

NIMBioS Tutorial: “Computing in the Cloud”**NEW****April 6–8, 2014****NIMBioS at the University of Tennessee, Knoxville, USA****w** http://www.nimbios.org/tutorials/TT_cloud

The National Institute for Mathematical and Biological Synthesis (NIMBioS) is now accepting applications for its Tutorial, “Computing in the Cloud,” to be held April 6–8, 2014, at NIMBioS.

This workshop will bring together a diverse set of computational biologists and modelers who want to expand their expertise and learn how to harness big data and computation using the R language.

A wide range of HPC/Cluster/Cloud computing resources exist and are accessible to researchers, such as Amazon EC2, NSF XSEDE, local clusters, and simple multiprocessor shared memory machines. Participants will learn about the strengths and weaknesses of the various platforms and how to enable R to utilize them. The strengths and limitations of R for big data and big computation will also be discussed. Moving beyond these basics, further sessions will provide participants with hands on experience to: learn about the packages, tools, and data structures that are available in R for computing on HPC resources; understand tools such as Rcpp that allow R to easily interface with compiled code for improved performance; handle big matrix computations with the pbdR packages; and produce elegant, publication quality graphics with the ggplot2 package.

In addition to the fundamentals, the workshop will give attendees a perspective on how these tools can be put to use in biological research. Tutorial examples will include applications such as Bayesian mixed models in genomics, phylogenetic biogeography, approximate Bayesian computation, and multivariate data reduction in ecological models. Finally, a special session on teaching with R will provide insights on how to bring computational science research into the undergraduate classroom.

This hands-on workshop will give participants an opportunity to begin applying these tools to their own problems. Presentations and sample codes will be available for all tutorial sessions. Attendees will also have time to consult with presenters and platform experts to identify the right tools for their problems.

Participants should have a solid working knowledge of the R language. Experience with a lower level programming language (C, C++, Fortran) will also be beneficial but is not required.

There are no fees associated with this tutorial. Tutorial participation in the tutorial is by application only. Individuals with a strong interest in the topic, including post-docs and graduate students, are encouraged to apply, and successful applicants will be notified within two weeks of the application deadline. If needed, financial support for travel, meals, and lodging is available for tutorial attendees.

Application deadline: **January 26, 2014**

NIMBioS Investigative Workshop: “Leptospirosis Modeling”**NEW****June 3–5, 2014****NIMBioS at the University of Tennessee, Knoxville, USA****w** http://www.nimbios.org/workshops/WS_leptospirosis

The National Institute for Mathematical and Biological Synthesis (NIMBioS) is now accepting applications for its Investigative Workshop, “Leptospirosis Modeling,” to be held June 3–5, 2014, at NIMBioS.

Objectives: Leptospirosis is a zoonotic disease of global public health importance with complex transmission dynamics. This workshop will explore mathematical tools and approaches for describing 1) within-host dynamics of *Leptospira* infection and immunity in reservoir and incidental hosts; 2) multi-host, multi-species *Leptospira* transmission dynamics in urban and rural settings; and 3) environmental drivers of leptospirosis transmission in animals and people. The workshop will bring together expertise in bacteriology, molecular biology, epidemiology, statistics, veterinary medicine, human medicine, ecology, hydrology, mathematical modeling, network dynamics, evolutionary dynamics, and nonlinear analysis. Participants will explore the state of knowledge of leptospirosis transmission in animal and human populations and the capabilities and limitations of the existing techniques that could be used for explaining currently available empirical data. Recommendations will then be made on the need for further empirical studies as well as future directions for modeling and analysis. As a result of this workshop, we will have an improved understanding of the conceptual models of *Leptospira* transmission in various ecological systems and of the gaps in data and methods. We will also established new collaborations and a common language between biologists and theorists interested in leptospirosis.

For more information about the workshop and a link to the online application form, go to http://www.nimbios.org/workshops/WS_leptospirosis

Participation in the workshop is by application only. Individuals with a strong interest in the topic are encouraged to apply, and successful applicants will be notified within two weeks of the application deadline. If needed, financial support for travel, meals, and lodging is available for workshop attendees.

Application deadline: **February 10, 2014**

The National Institute for Mathematical and Biological Synthesis (NIMBioS) (<http://www.nimbios.org>) brings together researchers from around the world to collaborate across disciplinary boundaries to investigate solutions to basic and applied problems in the life sciences. NIMBioS is sponsored by the National Science Foundation, the U.S. Department of Homeland Security, and the U.S. Department of Agriculture with additional support from The University of Tennessee, Knoxville.

More meetings around the world

7th Chaotic Modeling and Simulation International Conference (CHAOS2014)

June 7–10, 2014, Lisbon, Portugal

w <http://www.cmsim.org>

The forthcoming International Conference (CHAOS2014) on Chaotic Modeling, Simulation and Applications will take place in VIP Executive Zuriq Hotel, Lisbon. The general topics and the special sessions proposed for the conference include, but are not limited to: Chaos and Nonlinear Dynamics, Stochastic Chaos, Chemical Chaos, Data Analysis and Chaos, Hydrodynamics, Turbulence and Plasmas, Optics and Chaos, Chaotic Oscillations and Circuits, Chaos in Climate Dynamics, Geophysical Flows, Biology and Chaos, Neurophysiology and Chaos, Hamiltonian Systems, Chaos in Astronomy and Astrophysics, Chaos and Solitons, Micro- and Nano- Electro-Mechanical Systems, Neural Networks and Chaos, Ecology and Economy. The publications of the conference include: 1. The Book of Abstracts in Electronic and in Paper form; 2. Electronic Proceedings in CD and in the web in a permanent website; 3. Publication in the Journal of “Chaotic Modeling and Simulation”; 4. Book Publications devoted to CHAOS2014 International Conference.

For more information and Abstract/Paper submission and Special Session Proposals please visit the conference website above, or send an email to the Conference Secretariat at

e secretar@cmsim.org

NEW

ALT'2014

June 11–13, 2014

Pau, France

w <http://alt2014.sciencesconf.org/>

Contact: Christian Paroissin **e** cparoiss@univ-pau.fr

ALT'2014 is the fifth international conference concerned with the latest scientific results and applications in reliability testing and analysis. The aim of the conference is to bring researchers and practitioners from universities, institutions and industries, together to present and discuss innovative methodologies and practical applications in the reliability field: assessment, modeling, testing, analysis, design and optimization.

NEW

Big data in biomedicine. Big models?

February 27, 2014

Coventry, United Kingdom

w <http://www2.warwick.ac.uk/fac/sci/statistics/crism/workshops/bayesianapproches>

Contact: David Rossell **e** D.Rossell@warwick.ac.uk

Most statistical methods learn from data using probability models. Now that data has grown to become “big data” and the complexity of the inference is also bigger, should our models grow? If so, which of the old lessons still apply and which need to be revised?

The aim of the workshop is to provide a forum to discuss recent statistical modelling strategies to solve complex problems, with a focus on biomedicine, Bayesian methods and high-dimensional inference. Some specific topics of interest are:

- Prior choice: objective approaches, model separation and the value of informative priors
- High-dimensional model selection, including graphical models and correlated data
- Bayesian non-parametrics
- Bioinformatics and medical applications

Plenary speakers

Guido Consonni (Università Cattolica di Milano): *Objective Bayesian Search of Gaussian Directed Acyclic Graphical Models for Ordered Variables with Non-Local Priors*

Andrew Gelman (Columbia University): *Toward Routine Use of Informative Priors*

Mark Girolami (UCL and Warwick University): *Bayesian Model Selection: An Aid to the Cell Biologist?*

Luca Larocca (Università degli studi de Modena e Reggio Emilia): *Cutting-edge issues in objective Bayesian model comparison*

Jun Liu (Harvard University): *Bayesian inverse multivariate regression with application to eQTL analysis*

Jianhua Hu (MD Anderson Cancer Center): *High dimensional variable selection for correlated data*

Valen Johnson (Texas A&M University): *Implications of uniformly most powerful Bayesian tests for the reproducibility of scientific research*

Peter Müller (University of Texas, Austin): *A Bayesian Feature Allocation Model for Tumor Heterogeneity*

Donatello Telesca (University of California, Los Angeles): *Mixture representations of Non Local priors and graphical model determination and estimation*

Rich Savage (Warwick University): *The data deluge and what to do with it*

NEW

7th International Conference on Stochastic Analysis and its Applications 2014

August 6–11, 2014

Seoul National University, Korea

(Satellite conference to the International Congress of Mathematicians, ICM2014)

[w](http://www.icm2014.org/en/program/satellite/satellites) <http://www.icm2014.org/en/program/satellite/satellites>

The purpose of this series of conference is to bring to the participants an opportunity to communicate their recent research in Stochastic analysis and its applications, Markov processes, including jump type processes and measure-valued processes, Dirichlet forms and Analysis on fractals and percolation clusters, among others. The main topics of the conference will be (but not limited to) Stochastic analysis and its applications, Markov processes, Dirichlet forms, Analysis on fractals and percolation clusters, and Random walk in random media and on random graphs. These areas are strongly related to each other and have been very active in recent years. They occupy a central place in modern probability theory and analysis. The primary goal of the conference is to bring researchers in areas listed above, from all over the world, to survey the fields, exchange ideas and to foster future collaborations. Another important goal is to expose young researchers and Ph.D students to the most recent developments in active areas of probability theory.

Invited speakers : Viorel Barbu (Romanian Academy, Iasi, Romania), Marek Biskup (UCLA, USA), Ivan Corwin (Clay Fellow at MIT, USA), Nina Gantert (Technische Universität München, Germany), Geoffrey Grimmett (Statistical Laboratory, Univ. of Cambridge, UK), Tadeusz Kulczycki (Wrocław, Univ. of Technology, Poland), Russell Lyons (Indiana Univ., USA), Zhi-Ming Ma (Institute of Applied Mathematics, CAS, China), Carlo Marinelli (Univ. College London, UK), Gregory Miermont (ENS Lyon, France), Carl Muller (Univ. of Rochester, USA), Hirofumi Osada (Kyushu Univ., Japan), Shige Peng (Shandong Univ., China), Kavita Ramanan (Brown Univ., USA), Timo Seppalainen (Univ. of Wisconsin-Madison Madison, WI, USA), Renming Song (Univ. of Illinois, USA), Horng-Tzer Yau (Harvard Univ., USA) (Norris), Tusheng Zhang (Univ. of Manchester, United Kingdom)

NEW

Stochastic Processes, Analysis and Mathematical Physics August 25–29, 2014

Kansai University, Osaka, Japan

[w](http://stoc-proc.com/sympo/2014/SPAMP2014.htm) <http://stoc-proc.com/sympo/2014/SPAMP2014.htm>

The International Conference on “Stochastic Processes, Analysis and Mathematical Physics” will be held at Kansai University, Osaka, Japan from August 25–29, 2014. It is a satellite conference of Seoul ICM 2014 (<http://www.icm2014.org/>).

Confirmed Plenary speakers (as of November 25, 2013): Shigeki Aida (Sendai, Japan); Sergio A. Albeverio (Bonn, Germany); Dominique Bakry (Toulouse, France); Nicolas Bouleau (Paris, France); Krzysztof Burdzy (Seattle, US); Louis Chen (Singapore); MuFa Chen (Beijing, China); Hans Föllmer (Berlin, Germany); Alexander Grigoryan (Bielefeld, Germany); Hiroshi Kaneko (Tokyo, Japan); Jun Kigami (Kyoto, Japan); Shinichi Kotani (Osaka, Japan); Shigeo Kusuoka (Tokyo, Japan); Kazuhiro Kuwae (Kumamoto, Japan); Gregory F. Lawler (Chicago, US); Yves LeJan (Orsay, France); Zhi-Ming Ma (Beijing, China); Bernt Øksendal (Oslo, Norway); Hirofumi Osada (Fukuoka, Japan); Yoichi Oshima (Kumamoto, Japan); Michael Röckner (Bielefeld, Germany); Laurent Saloff-Coste (Ithaca, New York, US); Ichiro Shigekawa (Kyoto, Japan); Ludwig Streit (Bielefeld, Germany); Karl-Theodor Sturm (Bonn, Germany); Tu Sheng Zhang (Manchester, UK); Weian Zheng (Shanghai, China); Feng Yu Wang (Swansea, UK).

NEW



If you're organizing a meeting and want its details listed here, please visit the “submit a meeting” webpage and fill in the details. Easy.

imstat.org/submit-meeting.html

It's free publicity!

2015 ISI World Statistics Congress

July 26–31, 2015

Rio de Janeiro, Brazil

 <http://www.isi2015.ibge.gov.br/>

The ISI World Statistics Congresses (WSC) take place once every two years in a different country and is organised with the host country's central bureau of statistics. The next WSC is in Rio de Janeiro, Brazil from 26–31 July 2015.

The congress will bring together members of the statistical community to present, discuss, promote and disseminate research and best practice in every field of Statistics and its applications. The Scientific Programme of the 60th Congress is being prepared and will include a wealth of activities that will cover stimulating topics and will offer delegates innovative and well-balanced presentations, as well as plenty of opportunities for discussion and exchange. A rich and exciting Social Programme is also being developed, with plenty to see and enjoy for participants and their accompanying persons, hoping to make your trip to Rio and taking part in ISI2015 a truly unforgettable experience.

The venue, Riocentro, is located in Barra da Tijuca, a district surrounded by natural beauty but also many sophisticated bars, restaurants and several malls and close to a variety of historical and cultural programs that only the Wonderful City can offer.



International Congress of Women Mathematicians 2014

August 12, 2014 (8am to 4pm) at Ewha Womans University, Seoul, Korea

August 14, 2014 (3pm to 7pm) at COEX Convention Center, Seoul, Korea

 <http://www.kwms.or.kr/icwm2014>

The International Congress of Women Mathematicians 2014 (ICWM 2014) is a satellite conference of the International Congress of Mathematicians 2014 (ICM 2014: <http://www.icm2014.org/>) which will be held from August 13–21, 2014 in Seoul, Korea. The purpose of the ICWM 2014 satellite conference is to bring together women mathematicians and supporters of women in mathematical sciences from around the world to showcase the mathematical contributions of women, to exchange ideas about supporting and encouraging active careers for women in the mathematical sciences, and to provide the opportunity for young women mathematicians from especially developing countries to meet and talk with women in the mathematical sciences from around the world. This meeting in Seoul, Korea will be the second full meeting of its kind associated with the ICM meeting which is held every four years. The first meeting was held in association with ICM 2010 in Hyderabad, India.

The ICWM 2014 meeting in Seoul will consist of one and a half days of activities spread out over several days. A full day of activities are planned for August 12, 2014, the day before the start of the ICM 2014 meeting. The venue will be at Ewha Womans University in Seoul, Korea, which is about 1 hour ride by car or subway from the COEX convention Center, the site of the ICM 2014. On this day, five colloquium style talks will be given by leading women mathematicians from around the world invited at the recommendation of the 16 international members of the ICWM 2014 Program Committee organized by the International Mathematical Union. In the afternoon, there will also be an 1 hour panel discussion session (topic to be determined) with representatives of women mathematicians organizations around the world. The second half day of activities are planned for August 14, 2014 from 3pm to 7pm at the COEX Convention Center to provide easier access to more participants. Two more colloquium style invited talks are planned for the half day session followed by a 2 hour open social hour, ICWM-Night, with light snacks and drinks for everyone. On the same day at 7pm, the ICM 2014 is scheduled to have the 2014 Emmy Noether Lecture. Throughout the one and a half days conference, there will be an exhibition of posters on mathematical research which have been submitted and accepted for this meeting.

The ICWM 2014 is being sponsored and organized by the Korean Women in Mathematical Sciences (KWMS) with assistance and guidance from the International Mathematical Union (IMU), European Women in Mathematics (EWM), and Association for Women in Mathematics (AWM). In addition to organizing the ICWM 2014, the KWMS is actively raising funds to provide 100 travel grants and other financial supports for women participants, especially from developing countries. The travel grant application process is coordinated with ICM 2014. For more information about the application process, please refer to the ICM 2014 website (<http://www.icm2014.org>). Any additional financial support information specifically for the ICWM 2014 meeting will be posted on the ICWM 2014 website (<http://www.kwms.or.kr/icwm2014>) once the travel grant process has completed. Please check the website for future announcements.



Employment Opportunities around the world

Australia: Melbourne (Parkville), Vic

University of Melbourne, Australia

Postdoctoral Research Associate (two positions)

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=15788113

China: Shanghai

Institute of Natural Sciences, Shanghai Jiao Tong University

INS Faculty Recruitment Program in Statistics

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=11553330

Taiwan: Kaohsiung

National Sun Yat-sen University, Department of Applied Mathematics

Assistant, Associate, or Full Professor

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=15569069

United Kingdom: Cambridge

University of Cambridge, Statistical Laboratory

Research Fellows in Probability (Two posts; fixed Term)

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=15534480

United Kingdom: Cambridge

University of Cambridge

University Lectureships in Statistics (2 posts)

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=15808896

Qatar: Education City, Doha

Carnegie Mellon Qatar Teaching Position

Applications are invited for a teaching-track faculty position at Carnegie Mellon Qatar in Education City, Doha. This position emphasizes undergraduate teaching primarily, but also involves a combination of course development and/or research. All areas of statistics are welcome.

See <http://www.stat.cmu.edu> (email: hiring@stat.cmu.edu).

Send CV, relevant transcripts, teaching statement, and three recommendation letters to: *Search Committee, Statistics, Carnegie Mellon University, Pittsburgh, PA 15213* or hiring@stat.cmu.edu.

Women and minorities are encouraged to apply. AA/EOE.

United States: Newark, DE

The University of Delaware

Assistant/Associate Professor of Statistics

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=15535949

United States: Atlanta, GA

Georgia State University, School of Public Health

Open Rank Professors, Biostatistics

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=15508835

United States: Atlanta, GA

Georgia State University, School of Public Health

Open Rank Research Professors, Biostatistics

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=15508743

United States: Dunwoody, GA

State Farm Mutual Automobile Insurance Company

Research Statistician

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=14484113

United States: Iowa City, IA

University of Iowa, Department of Biostatistics

Tenure-track faculty positions

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=14158228

United States: DeKalb, IL

Northern Illinois University

Tenure-Track Statistics Assistant Professor

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=15588788

United States: Indianapolis, IN

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Senior Statistician

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=15589201

United States: Indianapolis, IN

Eli Lilly

Research Scientist

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=15589194

United States: College Park, MD**University of Maryland**

Assistant / Associate Professor (Tenure Track)

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=15399872**United States: Rochester, MN****University of Minnesota Rochester**

Mathematics Instructor

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=15575972**United States: Durham, NC****Duke Statistical Science**

Visiting Faculty

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=15824704**United States: Research Triangle Park, NC****SAMSI**

Deputy Director

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=13989039**United States: Lincoln, NE****University of Nebraska-Lincoln**

Computational Sciences Strategic Team Hire - Assistant or Associate Professor

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=15575768**United States: Lincoln, NE****Department of Statistics, University of Nebraska-Lincoln**

Tenure-track Assistant Professor

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=15824698**United States: Bridgewater, NJ****Eli Lilly**

Principal Research Scientist

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=15589212**United States: Bridgewater, NJ****Eli Lilly**

Associate Consultant - Statistician Computation

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=15589205**United States: Hoboken, NJ****Stevens Institute of Technology**

Financial Engineering: Tenure Track Faculty Position

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=15651598**United States: Hoboken, NJ****Stevens Institute of Technology**

Financial Engineering: Full Time Non-Tenure Track Faculty Position

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=15651590**United States: Binghamton, NY****Binghamton University**

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http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=15778095**United States: Ithaca, NY****Cornell University**

Asst or Assoc Professor Biological Statistics

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=15257493**United States: Ithaca, NY****Cornell University**

Open Rank Faculty Dept. of Statistical Science

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=15810631**United States: Pittsburgh, PA****Carnegie Mellon University: Teaching Professor Position**

Applications are invited for the position of Teaching Professor, rank (Assistant, Associate or Full) to be determined. The Department of Statistics, Carnegie Mellon University is seeking a passionate, master teacher to contribute to our thriving, modern undergraduate and graduate programs. The successful candidate will be expected to have a strong and successful teaching record, demonstrate excellence in statistical pedagogy, and an active research agenda. This position emphasizes teaching, student advising, curriculum development, and supervising collaborative research projects. PhD in statistics, biostatistics or related area required. See <http://www.stat.cmu.edu> or email hiring@stat.cmu.edu for more details. Send CV, relevant transcripts, teaching and research statements, and three recommendation letters to: *Teaching Faculty Search Committee, Statistics, Carnegie Mellon University, Pittsburgh, PA 15213, USA* or hiring@stat.cmu.edu. Application screening begins immediately, continues until positions closed. Women and minorities are encouraged to apply. AA/EOE.

United States: Pittsburgh, PA**Carnegie Mellon University: Tenure-track/Visiting position**

Applications are invited for possible tenure-track and visiting positions. Carnegie Mellon offers a collegial faculty environment, emphasizing a combination of disciplinary and cross-disciplinary research and teaching. All areas of statistics are welcome, and joint appointments with other units in the Pittsburgh area are possible. We especially encourage women and minorities to apply. Details at <http://www.stat.cmu.edu> (e hr@stat.cmu.edu). Application screening begins immediately and continues until positions closed. Send CV, research papers, relevant transcripts and three letters of recommendation to: *Chair, Faculty Search Committee, Department of Statistics, Carnegie Mellon University, Pittsburgh, PA 15213, USA*. AA/EOE.

United States: New York, NY**Department of Statistics, Columbia University**

Lecturer in Discipline

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=15588373

United States: Danville, PA**Geisinger Health System**

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http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=15344823

United States: Clemson, SC**Clemson University**

Tenure-track faculty position

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=15726319

United States: Houston, TX**Rice University**

Assistant Professor

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=15777840

United States: Norfolk, VA**Old Dominion University**

Statistics or Biostatistics - Associate or Full Professor

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=15566959

United States: Norfolk, VA**Old Dominion University**

Statistics, Applied Statistics, Biostatistics or Bioinformatics - Assistant Professor

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=15566941

United States: Norfolk, VA**Old Dominion University**

Chair, Department of Mathematics and Statistics

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=15566714

United States: Seattle, WA**University of Washington, Departments of Statistics and Computer Science and Engineering**

Open-Rank Tenure or Tenure-Track Position

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=15320695

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International Calendar of Statistical Events

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

January 2014

 January 6–8: Chamonix, France. **MCMSki IV**
w <http://www.pages.drexel.edu/~mw125/mcmski/>

January 17–18: Gainesville, Florida, USA. **Workshop on Dimension Reduction and High Dimensional Inference** **w** <http://www.stat.ufl.edu/symposium/2014/index.html>

January 20–22: Lunteren, The Netherlands. **13th Winter School on Mathematical Finance** **w** <http://staff.science.uva.nl/~spreij/winterschool/winterschool.html>

February 2014

February 3–7: SAMSI, Research Triangle Park, NC. **LDHD: Topological Data Analysis** **w** <http://www.samsi.info/workshop/2013-14-ldhd-topological-data-analysis-february-3-7-2014>

February 20–21: SAMSI, Research Triangle Park, NC. **Education and Outreach: Undergraduate Workshop** **w** <http://www.samsi.info/workshop/undergraduate-workshop-february-20-21-2014>

February 24–26: SAMSI, Research Triangle Park, NC. **LDHD: Statistical Inference in Sparse High-Dimensional Models: Theoretical and Computational Challenges** **w** <http://www.samsi.info/workshop/2013-14-ldhd-statistical-inference-sparse-high-dimensional-models-theoretical-and-computati>

NEW February 27: Coventry, UK. **Big data in biomedicine. Big models?** **w** <http://www2.warwick.ac.uk/fac/sci/statistics/crism/workshops/bayesianapproches>

March 2014

March 4–7: Ulm, Germany. **11th German Probability and Statistics Days** **w** <http://www.gpsd-ulm2014.de/>

March 6–8: NIMBioS at the University of Tennessee, Knoxville. **NIMBioS Investigative Workshop: Animal Social Networks** **w** http://nimbios.org/workshops/WS_socialnet

March 6–8: Ulm, Germany. **Conference on Modelling, Analysis and Simulation in Econometrics** **w** <http://graduierntenkolleg.gpsd-ulm2014.de/>

March 7–9: Dallas, Texas, USA. **Ordered Data Analysis, Models and**

Health Research Methods: An International Conference in Honor of H.N. Nagaraja for his 60th Birthday **w** <http://faculty.smu.edu/ngh/hnnconf.html>

NEW March 11–13: NIMBioS, Knoxville, TN. **Interface Disease Models.** **w** http://www.nimbios.org/workshops/WS_interface.html

 March 16–19: Baltimore, Maryland. **2014 ENAR/IMS Spring Meeting.** **w** <http://www.enar.org/meetings.cfm>

March 17–19: Knoxville, Tennessee, USA. **NIMBioS Investigative Workshop: Vectored Plant Viruses** **w** http://www.nimbios.org/workshops/WS_plantviruses

April 2014

NEW April 6–8: NIMBioS, Knoxville, TN. **Computing in the Cloud** **w** http://www.nimbios.org/tutorials/TT_cloud

April 24–25: NIMBioS at the University of Tennessee, Knoxville. **NIMBioS Investigative Workshop: Modeling Contamination of Fresh Produce** **w** http://www.nimbios.org/workshops/WS_produce.html


April 28–30: NIMBioS at the University of Tennessee, Knoxville. **NIMBioS Investigative Workshop: Predictive Models for Ecological Risk Assessment** **w** http://www.nimbios.org/workshops/WS_era.html

May 2014

NEW  May 18–20: University of Arizona, Tucson, AZ. **Frontier Probability Days** **w** TBC

NEW May 19–21: NIMBioS, Knoxville, TN. **Parameter Estimation for Dynamic Biological Models** **w** http://www.nimbios.org/tutorials/TT_data.html

May 26–28: Paris, France. **PLS 2014: 8th International Conference on Partial Least Squares and Related Methods** **w** <http://www.pls14.org/>

 May 29–31: University of Maryland, College Park, USA. **Frontiers of Hierarchical Modeling in Observational Studies, Complex Surveys and Big Data: Conference Honoring Professor Malay Ghosh** **w** <http://www.jpsm.umd.edu/ghosh>

May 30: Philadelphia, PA. **2014 Mid-Atlantic Genetic Epidemiology**

and Statistics (MAGES) Conference: **Integrated Systems Biology Analytical Methods for Epidemiological Studies of Complex Traits** **w** <http://www.med.upenn.edu/magesconference/index.shtml>

June 2014

June 2–6: Institute of Computational and Experimental Research in Mathematics, Brown University, Providence, RI. **Computational Nonlinear Algebra** **w** <http://icerm.brown.edu/tw-14-3-cna>

June 2–6: Będlewo, Poland. **11th International Conference on Ordered Statistical Data** **w** <http://bcc.impan.pl/14OrderStat/>

June 2–27: University of British Columbia, Vancouver, Canada. **PIMS Summer School in Probability** **w** <http://www.math.ubc.ca/Links/ssprob14/>

NEW **June 3–5:** NIMBioS, Knoxville, TN. **Leptospirosis Modeling** **w** http://www.nimbios.org/workshops/WS_leptospirosis

NEW **June 7–10:** Lisbon, Portugal. **7th Chaotic Modeling and Simulation International Conference (CHAOS2014)** **w** <http://www.cmsim.org>

June 8–12: Ljubljana, Slovenia. **23rd International Workshop on Matrices and Statistics (IWMS)** **w** www.law05.si/iwms

NEW **June 11–13:** Pau, France. **ALT'2014** (reliability testing and analysis) **w** <http://alt2014.sciencesconf.org/>

June 11–14: Lisbon, Portugal. **3rd Stochastic Modeling Techniques and Data Analysis Conference** **w** <http://www.smta.net/>

NEW  **June 12–16:** Cadiz, Spain. **Second Conference of the International Society of Nonparametric Statistics (II ISNPS)** **w** www.isnpstat.org

 **June 15–18:** Honolulu, Hawaii. **2014 WNAR/IMS Annual Meeting** **w** TBC

June 15–18: Portland, OR, USA. **2014 ICSA and KISS Joint Applied Statistics Symposium** **w** <http://www.statkiss.org/icsakiss2014>

June 16–26: Búzios, Brazil. **Pan-American Advanced Study Institute on Spatial Statistics** **w** http://www.stat.washington.edu/peter/PASI/PASI_2014.html

June 17–20: Bogotá, Colombia. **First International Congress on Actuarial Science and Quantitative Finance** **w** <http://www.matematicas.unal.edu.co/icasqf/>

June 23–25: Center for Mathematical Sciences, University of Cambridge, UK. **Probability and Statistics in High and Infinite**

Dimensions: Conference on the occasion of Evarist Giné's 70th Birthday **w** <http://www.statslab.cam.ac.uk/~nickl/Site/2014.html>

June 29–July 2: Rotterdam, The Netherlands. **34th International Symposium on Forecasting** **w** <http://forecasters.org/isf/>

 **June 30–July 3:** Taipei, Taiwan. **Third IMS Asia Pacific Rim Meetings** **NEW WEBSITE** <http://ims-aprm2014.ntu.edu.tw/>

June 30–July 3: Athens, Greece. **8th Annual International Conference on Mathematics Education & Statistics Education** **w** <http://www.atiner.gr/edumatsta.htm>

July 2014

July 1–4: Montpellier, France. **International Statistical Ecology Conference** **w** <http://isec2014.sciencesconf.org/>

 **July 2–5:** University of Technology, Sydney. **Workshop on Finance, Probability and Statistics** **w** <http://www.qfrc.uts.edu.au/IMS-FPS-2014>

July 7–9: Huquan Hotel, Mile, Yunnan, China. **Building Statistical Methodology and Theory 2014: In honor of Jeff Wu's 65th birthday** **w** http://www.stat.purdue.edu/~sunz/Jeff_2014/index.html

July 7–9: Coventry, UK. **Computational Methods for Jump Processes** **w** <http://www2.warwick.ac.uk/fac/sci/statistics/crism/workshops/jumps/>

 **July 7–10:** Sydney, Australia. **2014 IMS Annual Meeting with Australian Statistical Conference** **w** <http://www.asc-ims2014.com/>

 **July 20–August 1:** Cornell University, Ithaca, NY. **10th Cornell Probability Summer School** **w** <http://www.math.cornell.edu/~cpss/>

 **July 28 – August 1:** Buenos Aires, Argentina. **37th Conference on Stochastic Processes and Applications** **w** <http://mate.dm.uba.ar/~probab/spa2014/>

 **July 31 – August 2:** Boston, MA. **16th New Researchers Conference** **w** TBC



August 2014


 **August 2–7:** Boston, MA. **JSM2014 and ASA's 175th Anniversary.** **w** <http://amstat.org/meetings/jsm/>


NEW **August 6–11:** Seoul, Korea. **7th International Conference on Stochastic Analysis and its Applications 2014** (Satellite to ICM2014) **w** <http://www.icm2014.org/en/program/satellite/satellites>



International Calendar *continued*

August 2014 *continued*

 August 12 & 14: Seoul, Korea. **International Congress of Women Mathematicians 2014**  <http://www.kwms.or.kr/icwm2014>

August 13–21: Seoul, Korea. **International Congress of Mathematicians: ICM2014**  <http://www.icm2014.org>



August 25–27: Kermanshah, Iran. **12th Iranian Statistical Conference**  http://isc12.razi.ac.ir/index.php?slc_lang=en&sid=1

 August 25–29: Kansai University, Osaka, Japan. **Stochastic Processes, Analysis and Mathematical Physics**  <http://stoc-proc.com/sympo/2014/SPAMP2014.htm>

September 2014

 September 22–26: Cartagena de Indias, Colombia **XIII CLAPEM: Congreso Latino-americano de Probabilidad y Estadística Matemática**  <http://www.clapem.unal.edu.co/>



December 2014

 December 18–21: Bogor, Indonesia. **13th Islamic Countries Conference on Statistical Sciences (ICCS-13)**  <http://www.iccs13.isoss.net>

June 2015



 June (exact dates TBC): Location TBC. **2015 WNAR/IMS Annual Meeting**  TBC

July 2015

 July 1–4: Kunming, Yunnan, P. R. China. **2015 IMS-China International Conference on Statistics and Probability**  <http://www.2015imschina.com>

 July 5–8: Istanbul, Turkey. **INFORMS Applied Probability Society Conference 2015**  TBC


 July 13–17: Oxford, UK. **38th Conference on Stochastic Processes and Applications**  TBC

 July 26–31: Rio de Janeiro, Brazil. **2015 ISI World Statistics Congress**  <http://www.isi2015.ibge.gov.br/>

August 2015

 August 8–13: Seattle, WA. **IMS Annual Meeting at JSM2015.**  <http://amstat.org/meetings/jsm/>

March 2016



 March 6–9: Austin, Texas. **2016 ENAR/IMS Spring Meeting**  <http://www.enar.org/meetings.cfm>

July 2016

 July 30 – August 4: Chicago, USA. **JSM 2016**  <http://amstat.org/meetings/jsm/>

 July 11–15: Toronto, ON, Canada. **IMS Annual Meeting at 9th World Congress in Probability and Statistics**  TBC

July 2017

 July 29 – August 3: Baltimore, USA. **IMS Annual Meeting at JSM 2017**  <http://amstat.org/meetings/jsm/>

July 2018

 July 28 – August 2: Vancouver, Canada. **JSM 2018**  <http://amstat.org/meetings/jsm/>

Are we missing something? If you know of any statistics or probability meetings which aren't listed here, please let us know.

You can email the details to Elyse Gustafson at erg@imstat.org, or you can submit the details yourself at <http://www.imstat.org/submit-meeting.html>

We'll list them here in the Bulletin, and on the IMS website too, at www.imstat.org/meetings

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

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3: April/May	March 15	April 1	April 15
4: June/July	May 1	May 15	June 1
5: August	July 1	July 15	August 1
6: September	August 15	September 1	September 15
7: Oct/Nov	September 15	October 1	October 15
8: December	November 1	November 15	December 1

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