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IMS Bulletin

June/July 2012

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New US National Academy members

The USA's National Academy of Sciences has elected 84 new members and 21 foreign associates from 15 countries in recognition of their distinguished and continuing achievements in original research. Among them are two IMS Fellows: Robert Tibshirani and IMS President Ruth Williams.

Robert J. Tibshirani is a professor of health research and policy at the School of Medicine, and of statistics in the School of Humanities and Sciences, at Stanford University. He has introduced innovative approaches to biostatistics and pioneered methods that have become standard in the field. Specifically, he focuses on computer-intensive methods for regression and classification, bootstrap, cross-validation and statistical inference, and signal and image analysis for medical diagnosis.

Above: Robert Tibshirani, pictured in 2007 when he was an IMS Medallion Lecturer.
Below: IMS President Ruth Williams

Ruth Williams is a Distinguished Professor in the Mathematics Department at the University of California, San Diego. She holds the Charles Lee Powell Chair in Mathematics. Ruth's research interests are in probability theory, stochastic processes and their applications.

Members are elected to the National Academy of Sciences in recognition of their distinguished and continuing achievements in original research. Membership is a widely accepted mark of excellence in science and is considered one of the highest honors that a scientist can receive.

The NAS membership totals approximately 2,200 members and 400 foreign associates, of whom approximately 200 have received Nobel prizes. Those elected this year bring the total number of active members to 2,152 and the total number of foreign associates to 430 (foreign associates are non-voting members of the Academy, with citizenship outside the United States).

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Executive Committee

IMS Members' News

Thomas M. Liggett elected to American Academy of Arts and Sciences


Tom Liggett

IMS Fellow Tom Liggett, Professor Emeritus at University of California, Los Angeles, is among the 220 distinguished scholars, scientists, authors, artists, and business and philanthropic leaders elected this year to the American Academy of Arts and Sciences in recognition of their outstanding accomplishments. The new fellows and 17 foreign honorary members join one of the nation's most prestigious honorary societies and independent policy research centers. Tom Liggett's areas of expertise include probability theory and infinite interacting random systems. A member of the National Academy of Sciences, he has been awarded an Alfred P. Sloan Research Fellowship and a Guggenheim Fellowship and has served as editor of the *Annals of Probability*. The list of new fellows is at http://www.amacad.org/news/alphalist2012.pdf

Snehalata Huzurbazar named as new Deputy Director of SAMSI


Snehalata Huzurbazar

Snehalata Huzurbazar, Associate Professor of Statistics at the University of Wyoming, has been appointed Deputy Director of the Statistical and Applied Mathematical Sciences Institute (SAMSI) for two years, starting July 9. She will become a member of the research faculty at North Carolina State University in the Statistics Department. Richard Smith, Director of SAMSI, said, "We are very impressed with Snehalata's background and think she will bring a fresh perspective to the development of SAMSI's programs and will be instrumental in our education and outreach efforts."

In her new position, Snehalata will help administer and develop SAMSI programs, be involved with education and outreach, and work on personnel issues. Snehalata received her BA degree from Grinnell College in 1984, her MA in Economics from Vanderbilt University in 1988, and her PhD in Statistics from Colorado State University in 1992. She was an assistant professor at the University of Georgia from 1992–95, and has been at the University of Wyoming since 1995. At Wyoming, she has been an affiliate of the Science and Mathematics Teaching Center since 2003. She was also an adjunct professor of Women's Studies from 2003–08.

Snehalata spent some time at SAMSI last year as a visiting research fellow in the Analysis of Object Data program. One of the reasons she was attracted to the deputy director's position was because SAMSI is the only National Science Foundation (NSF) institute that explicitly includes a focus on Statistics. She is particularly interested in encouraging young people to pursue careers in statistics and mathematical sciences. "Making an impact on outreach is really important to me. We often have trouble getting people into the mathematical sciences. I think we need to do a better job attracting students into mathematical sciences and inform them about various career options," said Snehalata.

Much of her recent time has been spent building collaborations with colleagues in a variety of disciplines ranging from evolutionary bioinformatics to the geosciences. In evolutionary bioinformatics, she is working on the statistical issues surrounding the data generation pipelines. In the geosciences she works with colleagues from glaciology, sedimentology, chemical and petroleum engineering and restoration ecology.

IMS Members' News

2011 Tweedie Award presented to Hui Zou at ENAR/IMS meeting

At the ENAR/IMS meeting in Washington DC, the 2011 IMS Tweedie Award was presented to Hui Zou, University of Minnesota. The Tweedie Lecture was created in memory of Richard Tweedie to recognize an outstanding researcher within five years of receiving his or her doctoral degree. Zou delivered his lecture at ENAR (the Tweedie lecture is normally given at the IMS New Researchers Conference) on April 2.

Hui Zou (left) receives the plaque from Yi Li
Photo courtesy of Carl Lee, Central Michigan University

Festschrift for Søren Asmussen

Professor Søren Asmussen has been honoured with *New Frontiers in Applied Probability: A Festschrift for Søren Asmussen*, published by The Applied Probability Trust. This volume contains 28 contributions on research topics by associates and collaborators, reflecting Søren's lifelong contributions to wide-ranging themes in applied probability.

IMS Fellow Søren Asmussen was editor of the *Annals of Applied Probability* (2000–02), and is currently Editor-in-Chief of the *Journal of Applied Probability* and *Advances in Applied Probability*. Amongst other awards, he received the 2010 INFORMS John von Neumann Theory Prize, and the 2011 Russian Academy of Sciences Sobolev Institute of Mathematics Gold Medal.

See http://www.appliedprobability.org/content.aspx?Group=specials&Page=specialsrecent and http://projecteuclid.org/jap

Left: Søren Asmussen

Dimitris Politis awarded Tjalling C. Koopmans Econometric Theory Prize

IMS Bulletin Editor Dimitris Politis has been awarded the Tjalling C. Koopmans Econometric Theory Prize 2009–2011. The prize is awarded once every three years for the best article published in the journal *Econometric Theory* over that period. See http://korora.econ.yale.edu/et/award/tck.htm

Ken Burnham receives Aldo Leopold Memorial Award

Kenneth P. Burnham has been awarded the US Wildlife Society's highest honor, the Aldo Leopold Memorial Award.

= access published papers online

IMS Journals and Publications

Annals of Statistics: Peter Bühlmann and Tony Cai
http://imstat.org/aos
http://projecteuclid.org/aos

Annals of Applied Statistics: Bradley Efron
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: Andrew Barbour
http://imstat.org/aap
http://projecteuclid.org/aoap

Statistical Science: Jon Wellner
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: David Ruppert
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: Richard Levine
http://www.amstat.org/publications/jcgs
log into members' area at imstat.org

Statistics Surveys: Lutz Dümbgen
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: Herbie Lee
http://ba.stat.cmu.edu

Bernoulli: Richard Davis
http://www.bernoulli-society.org/
http://projecteuclid.org/bj

Brazilian Journal of Probability and Statistics: Silvia Ferrari 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: Claudio Landim
http://alea.impa.br/english

Probability and Mathematical Statistics: K. Bogdan, M. Musiela, J. Rosiński, W. Szczotka, & W.A. Woyczyński
http://www.math.uni.wroc.pl/~pms

Report: Peter Hall's course at Peking University

Invited by the Center for Statistical Science at Peking University, Professor Peter Hall delivered a short course on "Methodology and Theory for the Bootstrap" from March 15th to 24th, 2012. The short course comprised 16 lectures, and attracted more than 100 graduate students and faculty members from schools across China, and many of them came from outside Beijing. It took place at the newly built Beijing International Center for Mathematics (which co-sponsored the short course).

The course was well received by the participants. The president of Peking University, Professor Qifeng Zhou, met Professor Hall, and they had lively exchanges of ideas and views on developing statistics on the campus of Peking University and beyond.

On the occasion of Peter's 60-and-a-quarter birthday, a surprise birthday party was staged, which was well attended by the participants of the short course, as a way to express their gratitude to Peter for his extremely hard work in delivering the 16 lectures, as well as his scholarship—and, more importantly, to celebrate a milestone in a distinguished career in Statistics.

Above: Peter Hall cuts the cake at the celebration of his 60-and-a-quarter years

We are sure Peter's visit and short course would be long remembered by those students and faculty members.

Professor Hall (center front row) with students and faculty members. Peking University faculty members present in front row: Gang Tian (fourth from right), Song Xi Chen (fifth from left), Zhi Geng (third from right), Dayue Chen (fourth from left) and Jinzhu Jia (second from right).

Recent papers: *Annales de l'Institut Henri Poincaré*

Access papers at http://projecteuclid.org/aihp

The Probability and Statistics section of the *Annales de l'Institut Henri Poincaré* is an international journal which publishes high quality research papers. The journal deals with all aspects of modern probability theory and mathematical statistics, as well as with their applications. *Annales de l'Institut Henri Poincaré (B)* is supported by the IMS: see http://imstat.org/aihp

AIHP Volume 48, number 2 (May 2012)

IMS Fellows announced

The IMS Committee on Fellows is pleased to announce that they have selected 17 new IMS Fellows for 2012. Congratulations to all!

David B. Allison of the University of Alabama at Birmingham, for outstanding leadership in the application of statistics to the study of obesity and genetics and for mentoring in statistical science.

Yali Amit of the University of Chicago, for seminal work in statistical learning and the mathematical foundations of computational vision and neuroscience.

David Banks of Duke University, for contributions to bootstrap analysis, network analysis and adversarial risk analysis, as well as important contributions to applications. For extraordinary service to the profession including a term as editor of *JASA*.

Gerda Claeskens of Katholieke Universiteit Leuven, for outstanding contributions to nonparametric and semiparametric regression, model selection and model assessment.

Ian Dryden of the University of South Carolina, for important contributions to non-Euclidean data analysis, especially methodology for statistical shape analysis, and for inter-disciplinary applications in image analysis, and the biomedical sciences.

Daniel Francis Heitjan of the University of Pennsylvania, for significant contributions to the theory and methodology of inference from incomplete data; for outstanding applications in cancer, cardiovascular medicine, health economics, and smoking cessation research; for distinguished editorial service.

Samuel Kou of Harvard University, for influential and pioneering contributions to stochastic modeling and statistical inference in biophysics, and to Monte Carlo, Bayesian and nonparametric methods.

Kenneth Lange of the University of California, Los Angeles, for groundbreaking developments in statistical computing and statistical genetics as a prolific and rigorous scholar and mentor.

Zenghu Li of Beijing Normal University, for outstanding and original contributions to the theory of measure-valued branching Markov processes; for excellence in service to the profession in China.

Neal N. Madras of York University, for contributions to self-avoiding walks and related polymer models in statistical mechanics, and to the convergence theory of Markov chain Monte Carlo algorithms.

Tapabrata Maiti of Michigan State University, for significant research contributions in small area inference, inference for mixed models, and Bayesian methodology for panel-count data.

Jonathan C. Mattingly of Duke University, for his many contributions to stochastic analysis, including the study of stochastically forced Navier Stokes equations, to chemical reaction networks and to topics in evolutionary biology.

George Michailidis of the University of Michigan, for his significant contributions to statistical theory, computation, and applications in high dimensional data analysis, network analysis, and semi-supervised learning.

Jean Opsomer of Colorado State University, for significant research contributions in the areas of sample surveys, spline-based methods for function estimation, and model-assisted estimation; and for editorial and executive service to the profession.

John D. Storey of Princeton University, for contributions to the theory and methods of large-scale statistical inference, and its applications to genomics.

Robert L. Strawderman of Cornell University, for innovative methodological contributions to survival analysis, recurrent events, and small sample asymptotics and their applications; for excellence in editorial service.

Alexander Tartakovsky of the University of Southern California, for significant contributions to sequential multiple decision problems, rapid changepoint detection and identification, multiple hypothesis testing, minimax changepoint detection, intrusion detection, and target tracking.

Obituary: Thomas Cover

1938–2012

Thomas M. Cover

THOMAS COVER, Kwoh-Ting Li Professor of Electrical Engineering and Statistics at Stanford University, died on March 26, aged 73, following a short illness.

Cover arrived at Stanford from MIT as a fresh PhD student in the fall of 1960, and spent almost his entire career there, holding a joint position in EE and statistics. His brilliance, constant good humor, wide-ranging interests, and intellectual generosity made him a firm favorite among students and colleagues.

Cover's professional path was set in his first graduate course on information theory taught by Professor Norm Abramson. Information theory had been elegantly coined by Claude Shannon in the early postwar years. Shannon's combination of lapidary mathematics and scientific insight was an ideal that Cover carried through his own career.

Among Cover's early works is his notable, surprising, and most elegantly proved finding from 1965, that any family of surfaces having d degrees of freedom has a natural separating capacity of $2d$ pattern vectors. A related and widely cited 1967 result by Cover and Peter Hart, states that the probability of error of the nearest neighbor rule is bounded above by twice the Bayes probability of error (so it may be said that half the classification information in an infinite sample set is contained in the nearest neighbor).

In 1973, Cover introduced the broadcast channel model, dealing for the first time with simultaneous transmission of information from one transmitter to several receivers. In this paper, Cover introduced the groundbreaking ideas of i) superposition coding, ii) successive cancellation decoding, and iii) auxiliary random variables beyond the channel model that are essential to characterizing the best achievable rate.

This was followed by Cover's elegant 1975 proof of the Slepian–Wolf theorem for distributed coding via random binning and his 1979 collaboration with Abbas El Gamal, developing block Markov coding and utilizing it for analysis of multi-hop channels of the type found in modern wireless communications. These fundamental contributions have had a tremendous impact on the development of multi-user information theory, with almost all results since relying on at least one of these ideas.

Cover's profound contribution to information theory extended beyond his own research results. At Stanford University he graduated 63 PhD students, and in 1991 he coauthored with Joy A. Thomas the book *Elements of Information Theory*. This book has become the most widely-used textbook on information theory and is regarded as a masterpiece for the clarity of its concepts and the simplicity of its exposition. A by-product of the writing of this book is Cover's survey (from the same year), jointly with Amir Dembo and Joy Thomas, on the role of inequalities in information theory and their intimate relationship to inequalities from diverse branches of mathematics, ranging from classical determinantal inequalities of linear algebra to Fisher information inequalities at the core of mathematical statistics and uncertainty principles from quantum mechanics.

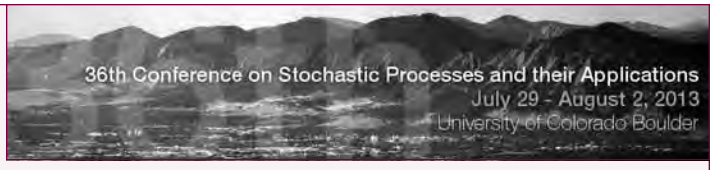
A fine natural athlete (he played in the Little League World Series and won the San Bernardino tennis championship), Cover was fascinated by the stochastic element in sports, including odds-making, gambling, and betting. Early in its formation, he served as statistician for the California State Lottery, with a special eye on fraud detection. His undergraduate course on the Mathematics of Sports was routinely oversubscribed, even though the word was out that the math part was serious stuff.

An abandoned full-sized Las Vegas roulette wheel in the old Sequoia Hall basement was given a loving home in Tom's den. Despite their best efforts, neither he nor Stanford physicist/statistician Jerry Friedman were able to exactly level the wheel. This led to the insight that the actual Vegas wheels might be unbalanced, and vulnerable to carefully timed betting schemes. Subsequent trips to Nevada, with Friedman wearing the timing device and Tom betting at the table, yielded more excitement than financial reward.

Cover took up another of Shannon's ideas, logarithmic optimality for investment schemes, with his 1988 *Annals of Probability* paper attracting considerable attention (not all favorable). Nobel Prize-winning economist Paul Samuelson had a visceral dislike for logarithmic optimality, and Tom was the occasional recipient of his public scorn. Always the gentleman, Cover held his ground, seeming more amused than threatened by what he felt should be a mathematical question.

A month before his unexpected death, Cover delivered the Tuesday statistics seminar in Sequoia Hall, titled "On the Super St. Petersburg Paradox." This paradox, proposed 250 years ago by Daniel Bernoulli,

SPA2013: book your hotel early



Brian Rider is chair of the Local Organizing Committee for the 36th Conference on Stochastic Processes and their Applications, to be held from July 29 to August 2, 2013, in Boulder, Colorado, USA. If you are thinking of attending the meeting, Brian advises you to book your accommodation as early as possible, as, he says, "It appears the week selected for SPA 2013 is incredibly busy in Boulder. I had selected the particular week to optimize chances of getting the nicer lecture halls on campus. Then in turns out the Animal Behavior Society picked the same week for their annual meeting to maximize chances of getting different rooms on campus. If that is not enough, SPA is taking place during the middle of a statewide softball tournament!" He says that lecture halls are not a problem, but hotel space is going to be tight.

Rooms are already being held under "SPA2013" at the following hotels (listed in order of proximity to campus):

- Boulder Outlook: from $98 http://www.boulderoutlook.com/
- Best Western Boulder Inn: $119 http://boulderinn.com/
- Millennium Hotel: $142 http://www.millenniumhotels.com/millenniumboulder/index.html
- Broker Inn: $69 http://www.boulderbrokerinn.com/
- Best Western Golden Buff Lodge: from $120 www.goldenbufflodge.com

Information on other options, including university dormitories, will be posted as it becomes available at http://math.colorado.edu/spa2013/?page_id=21.

For more information on the meeting, please visit the website http://math.colorado.edu/spa2013/

Obituary: Tom Cover, 1938–2012 continued

concerns how much one should pay to bet in a scheme with infinite expected rewards. Hiding the hard mathematics, Cover charmingly showed that logarithmic optimality offered a satisfying solution to Bernoulli's puzzle, even quoting from his correspondence with Samuelson on the problem.

Honors came often, including membership in the National Academy of Engineering and, his favorite, the IEEE Shannon award for lifetime achievement in information theory. He was most satisfied, however, to be sitting in his office exchanging ideas with his usual coterie of brilliant young students.

A memorial service and celebration of Tom's life and work is planned for October 12, 2012, at Stanford University.

Amir Dembo and Bradley Efron
Stanford University

Rick's Ramblings: Why Prove Theorems?

Rick Durrett writes: Picture this: it was the ides of March, a sunny day in Durham, the day before the most frequent Google search from the Duke campus was "Where is Lehigh University?" I was having lunch with a job candidate in computer science and explaining the difficulties of proving results about the evolving voter model (*PNAS* 2012, issue 10) when my young friend said "Why go to all of the trouble to prove theorems?" To this I gave the lame reply "In the math department I don't get any points for doing things by simulation," but later I realized he had a point. Why wrestle with details of the proof of the Riemann Hypothesis when numerical results suggest strongly that is correct. Once the first million zeros are in the right place, it is paranoia to think the result is wrong.

In 1960 Harris proved that the critical point for bond percolation on the two dimensional lattice was ≥ ½. Physicists immediately turned this into an =, a fact that Kesten proved 20 years later. Meanwhile physicists computed the values of a variety of critical exponents and gave their values as rational numbers. With the arrival of SLE, some of these exponents have been verified rigorously on the triangular lattice, a mere forty years later, but relying on results from the physics folklore to conclude that the exponents on the square and triangular lattices are the same.

The mention of SLE brings up another answer: sometimes the process of finding the proof leads to a very interesting and beautiful mathematical object. However, this is a question of taste, akin to: "Is Mussorgsky's *Pictures at an Exhibition* better than Skid Row's iconic album *Slave to the Grind*?"

One of the reasons for proving results is that physicists sometimes get the answer wrong, but such examples are few and far between. At one point numerical experiments for bootstrap percolation in d=3 seemed to indicate that it had a positive critical value, because the wrong functional form was used to extrapolate to the limit. However these situations in the physics literature usually correct themselves quickly. While I was at UCLA, Provost Ohrbach and a friend made the Alexander-Ohrbach conjecture, a new relationship between critical exponents. A short time later in Volume 30 issue 7 of *Physical Review B*, four articles disproving the conjecture were published.

While physicists may be reliable within their own field, their calculations are less trustworthy in the parts of biology that they have invaded. My favorite recent example is the work of Martens and Hallatschek published in *Genetics* **189**, 1045–1060 and the companion paper with Kostadinov and Maley in the *New Journal of Physics* **13**, paper 115014. This paper attracted my attention because it studies accumulation of mutations in a spatial Moran model. Their main result is that the rate of adaptation saturates when the linear habitat size exceeds a characteristic length scale Lc. However, much of the analysis in the paper is flawed. They compute the speed of advance of an advantageous mutation by using a result for Fisher's partial differential equation without realizing that this is terribly wrong in d=1 and is missing a factor of log(1/s) in d=2. They derive formulas for the "fixation time" which is never defined precisely. On page 1056, they have a heuristic argument why this fixation time is of order $(L/L_c)^{3/2}$ when L is much larger than L_c. One might naively think that boundaries between the clones do coalescing random walks, but the random fitness advance destroys this picture. The two physicists explain the scaling by the remark that the boundaries are in the Kardar-Parisi-Zhang universality class. I guess the proof wouldn't fit in the margin but they could at least have followed in Elaine Benes' footsteps and said *yada yada* polynuclear growth. I won't go on about the many errors in these papers: this is not the time or place. Besides, it was nice of them to give me something to work on. It is less nice of them to fail to give appropriate references to the literature. Now I wouldn't expect them to cite the work of Bramson and Griffeath from the early 1980s (which has been cited 57 times) but the paper by Williams and Bjerknes that inspired them has been cited 118 times. It is hardly accurate to leave this out and cite unimportant papers from the physics literature rather than more interesting work that Komorova did at about the same time.

In the age of computers this lack of scholarship is inexcusable: all you have to do is to type something like "stochastic spatial cancer model" into Google to find earlier references. Perhaps the authors were following Feynman's motto: "If all of mathematics disappeared, it would set physics back one week."

Returning to my theme: Why do we prove theorems? We do it to make sure the results are right, and in order to avoid polluting the literature with half-truths. In addition, the construction of a proof forces us to identify ALL of the mechanisms at work in the problem. IMHO that provides more insight than refining your heuristic arguments until they fail to be contradicted by the results of simulation.

Finally, while the questions of Fermat and Riemann are true–false, in some cases (e.g., a central limit theorem) results will hold only under some conditions which proofs will identify. In the words of a colleague: "Some of the conditions have to do with the state of nature (e.g., do the data have heavy tails, are they dependent, etc.) but some have to do with choices made in the analysis: an asymptotic result in nonparametric function estimation will only be true under some conditions on the bandwidth that is the statistician's choice—so the theorem guides the practitioner!"

Treasurer's Report: Fiscal Year 2011

Introduction

This report details membership and subscription data for calendar year end 2011. In addition, it reviews the fiscal year 2011 (FY2011, which is July 1, 2010 – June 30, 2011) financial statements.

In 2011, the total number of IMS members experienced a second year of decline. Subscriptions by institutions also experienced a decrease this past year. The financial status of the Institute continues to be stable, and actions have been taken to ensure its long-term stability. Details of the events of the past year, membership and subscription data, sales data, and a detailed analysis of the financial statement for FY2011 are given below.

Publications

In 2011, the IMS added another IMS Supported Journal, *Stochastic Systems*. Focusing on the interface of applied probability and operations research, *Stochastic Systems* is the flagship journal of the INFORMS Applied Probability Society and is published through a cooperative agreement between INFORMS and the IMS. This open-access journal seeks to publish high-quality papers that substantively contribute to the modeling, analysis, and control of stochastic systems.

The following is a list of all current IMS core, co-sponsored, affiliated and supported journals:

IMS Core Print/Electronic Publications

- *Annals of Applied Probability*
- *Annals of Probability*
- *Annals of Statistics*
- *Annals of Applied Statistics*
- *Statistical Science*
- *Current Index to Statistics*
- *IMS Collections*
- *IMS Monographs*
- *IMS Textbooks*
- *IMS Bulletin*

Co-Sponsored Print/Electronic Publications

- *Electronic Communications in Probability*
- *Electronic Journal of Probability*
- *Electronic Journal of Statistics*
- *Journal of Computational and Graphical Statistics*
- *NSF-CBMS Series in Probability and Statistics*
- *Probability Surveys*
- *Statistics Surveys*

Supported Publications

- *Annales de l'Institut Henri Poincaré*
- *Bayesian Analysis*
- *Bernoulli*
- *Bernoulli News*
- *Brazilian Journal of Probability and Statistics*
- *Stochastic Systems*

Affiliated Publications

- *ALEA: Latin American Journal of Probability and Mathematical Statistics*
- *Probability and Mathematical Statistics*

Membership, Subscription and Sales Data

Membership Data

Total individual paid membership in the Institute as of December 31, 2011 decreased 4.11% from December 31, 2010. **Table 1** below presents the membership data back to 2002.

Geographic Distribution of Members. The IMS membership is currently distributed as follows:

- 62% United States
- 18% Europe
- 11% Asia
- 4% Canada
- 2% South America, Mexico and the Caribbean
- 2% Australia and New Zealand
- 1% Africa

Selection of Journals by Members: Print subscriptions by members continued to decrease in 2011, as expected, because members are opting to reduce their use of print while enjoying free electronic access to all journals. Electronic access by individual members has increased this year. **Table 2** (overleaf) shows the current selection of journals by members.

Revenue from all member dues and member journal subscriptions decreased 4.2%, to $325,341 for the fiscal year ending June 30, 2011, down from $339,690 in FY2010. This is attributed to fewer paying members and decreased member print subscriptions.

The IMS offers joint membership opportunities with the following societies:

- Bernoulli Society (BS)

TABLE 1: Membership, by Calendar Year

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	% change
Regular	2332	2311	2315	2247	2256	2266	2179	2045	1970	1863	-5.4%
Life/Retired Life	51	115	133	205	264	327	402	455	475	475	0.0%
Reduced Country/Retired	426	433	431	435	428	430	453	433	399	401	0.5%
New Graduate	131	122	165	187	144	129	122	158	149	113	-24.2%
IMS China	n/a	n/a	n/a	n/a	n/a	n/a	180	173	2	20	900.0%
Student	496	707	971	1224	1295	1160	1328	1368	1160	1116	-3.8%
Total	3436	3688	4015	4298	4387	4312	4664	4632	4155	3988	-4.0%
Total excluding free members (students and in 2008–9 IMS China)	2940	2981	3044	3074	3092	3152	3156	3091	2995	2872	-4.1%
Organizational*	98	102	107	100	111	45*	20	11	12	5	-58.3%

* *Organizational Membership was reconstructed in 2007 and libraries were no longer included. This change reclassified these previous "members" to institutional subscriptions*

- International Statistical Institute/ Bernoulli Society (ISI/BS)
- International Society for Bayesian Analysis (ISBA)
- Applied Probability Society/INFORMS (APS/INFORMS)
- Sociedad Latino Americana de Probabilidad y Estadistica Matematica (SLAPEM).

In 2011, we processed 604 memberships to other societies (down from 619 in 2010).

IMS China

In 2008, the IMS introduced IMS China. IMS China promotes the participation of Chinese scholars in activities of the Institute of Mathematical Statistics. It provides members in China with an easier method for membership payment and allows the IMS an opportunity to introduce our organization to a constituency that may not have had easy access to our offerings in the past. IMS China members residing in mainland China received free membership in 2008 and 2009. In 2010 there was a drop in this membership as plans for member renewals were ironed out. This category improved slightly in 2011.

TABLE 2: Member** Subscriptions, by Calendar Year

PRINT (paid)	2003	2004	2005	2006	2007	2008	2009	2010	2011	% change
AAP	640	586	670	619	497	428	382	280	197	-29.6%
AOP	706	693	677	616	534	481	416	298	218	-26.9%
AOAS	n/a	n/a	n/a	n/a	n/a	1,160	1,089	714	480	-32.8%
AOS	1,713	1,773	1,853	1,723	1,608	1,323	1,109	763	555	-27.3%
STS	2,642	2,536	2,565	2,412	2,146	1,880	1,680	1,310	1,035	-21.0%
Total	5,701	5,588	5,765	5,370	4,785	5,272	4,676	3,365	2,485	-26.2%
ELECTRONIC (free access): members setting up individual electronic access to IMS journals										
Total	943	1,112	1,262	1,409	1,660	1,681	1,711	1,761	2,026	15.0%

** *Previously this information was reported as all members (including organizational), however data has been reformatted to show individual members only, to reflect the change in classification and to better view the current status of the data.*

TABLE 3: Institutional Paid Subscriptions, by Calendar Year

PRINT	2003	2004	2005	2006	2007	2008	2009	2010	2011	% change
AAP	716	675	659	659	700	636	680	684	645	-5.7%
AOP	1,034	1,001	974	911	977	900	948	967	901	-6.8%
AOAS	n/a	n/a	n/a	n/a	n/a	174	247	320	331	3.4%
AOS	1,342	1,268	1,233	1,171	1,227	1,118	1,154	1,158	1,127	-2.7%
STS	1,064	976	949	922	976	865	890	899	861	-4.2%
Bulletin	229	222	207	201	275	174	176	166	142	-14.5%
CIS	n/a	n/a	n/a	n/a	n/a	295	297	267	273	2.3%
AIHP [s]	n/a	n/a	n/a	n/a	[174]	228	271	286	289	1.0%
Bernoulli [s]	n/a	n/a	n/a	[199]	199	198	264	278	280	0.7%
BJPS [s]	n/a	n/a	n/a	n/a	n/a	n/a	64	78	88	12.8%
Total	4,385	4,142	4,022	3,864	4,528	4,577	5,009	5,129	4,937	-3.3%

[s] *denotes IMS-supported journals. Numbers in* [brackets] *are prior to journal becoming IMS-supported.*

Institutional Subscription Data

Table 3 (right) presents comparative subscription data for institutions to each of our scientific journals for 2011 and previous years. Several journals experienced subscription decreases in 2011. Overall institutional subscriptions decreased by 3.25%. Revenue from all non-member subscriptions was $1,514,857 for FY2011, up from $1,481,816 for the FY2010. The increase is due to increased subscription fees.

Approximately 60% of the non-member subscribers to IMS journals are in USA and Canada, with the remaining subscribers distributed throughout the world.

Book Sales Data

Table 4 (below) presents sales data for all IMS book series. In 2010, the IMS published its first volumes in a cooperative arrangement with Cambridge University Press to publish two series, *IMS Monographs* and *IMS Textbooks*. Sales of these volumes are going very well. The *NSF-CBMS Regional Conference Series* has not published a volume since 2004, though one is expected in 2012 or 2013. The *IMS Collections* series has seen very low sales, and the series has been formulated in order for the IMS to have minimal loss on these volumes. The *IMS Lecture Notes–Monograph Series* ceased publication in 2010. Overall, total revenue for all books decreased to $12,360 in FY2011 from $17,148 in FY2010.

TABLE 4: *Total sales from the* NSF-CBMS Regional Conference Series, *the* Lecture Notes–Monograph Series, *and* IMS Collections, Monographs *and* Textbooks *[Fiscal Year Data (July 1-June 30)]*

	to 2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
Total *NSF-CBMS* sales (8 vols)	4,743	394	328	258	129	108	57	108	57	**6,125**
Total *LNMS* sales (58 vols)	23,553	887	603	1,084	628	454	235	297	124	**27,865**
Total *IMS Collections* sales (7 vols)	n/a	n/a	n/a	n/a	n/a	n/a	9	3	5	**12**
IMS Monographs sales (1 vol)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	660	586	**1,246**
IMS Textbooks sales (1 vol)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	639	491	**1,130**

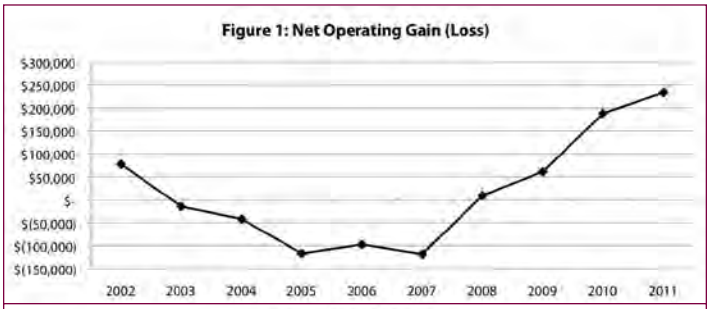
Financial Overview

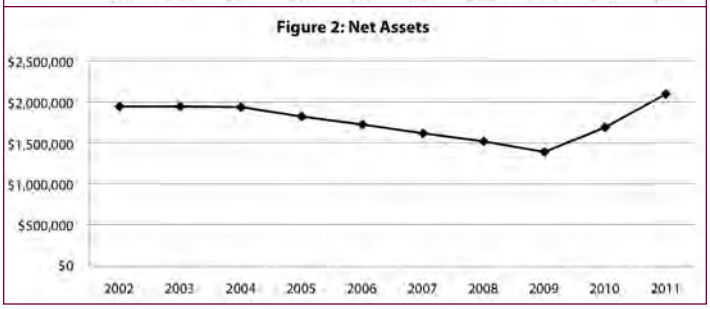
The following is a detailed analysis of the Financial Statement for FY2011, which is presented in this issue of the *Bulletin*, following this Treasurer's Report. Comparisons are always with FY2010. The overall financial status of the Institute continues to be stable.

Per the auditor's report, in FY2011 we experienced an increase in net assets of $464,950. This increase is due in part to unrealized gains on our long term investments which totaled $229,320. These gains are a reflection of the improvements in the financial markets over the last year. We do not expect to have to pull funds out of these long term reserves into our operational accounts in the near future.

The IMS Council approved a FY2011 operational budget that included net operational gains of $67,835. Due to tight fiscal controls and better than expected revenues, the actual net revenue is $233,822 from operations in FY2011. In FY2010 the gain on operations was $188,461.

Please see **Figures 1 and 2** for the history of our net assets and net operating revenue. The Council and Executive Committee made it a high priority to have an operational balanced budget in FY2010 and beyond and to increase net assets back to the levels appropriate for our revenue and expense stream.





Revenue

- Membership dues and subscription revenues were adjusted, as in the past to prorate calendar-year revenues to fit with the Institute's fiscal year reporting. Revenues from membership are up in FY2011 as compared to FY2010 due to increased dues. Print subscription income from members is down as more members opt to use the online access included with membership. Print journal prices for members are set at our variable cost to print.
- Revenues from institutional subscribers are up due to increases in subscription fees even though the total number of institutional subscribers decreased.
- Sales of back issues are up in FY2011 from FY2010. However, we should bear in mind that, as a trend, print orders are decreasing as electronic access increases.
- Page charges are up significantly in FY2011. Due to its voluntary nature, page charge contributions tend to fluctuate greatly from year to year.
- Revenue from sales of books is down. The IMS is selling fewer books in its self-published series. The series co-published with Cambridge University Press is going very well, however the income the IMS receives from these volumes is relatively lower.
- Meeting income is stable in FY2011. The income shown is a result of our contractual arranged income from the Joint Statistical Meetings and a small amount of income from the WNAR/IMS Meeting.
- The financial report also shows a new line item called, "Managed Meetings": this includes those meetings for which the IMS processes the revenue and pays the expenses for the meeting as a service to the community. These were previously included with the other Scientific Meetings, but in order to better track these they have been moved into their own line item.
- Advertising revenues are up due to more ads placed.
- Offprints, royalty and other showed an increase, as royalties from IMS's interest in JSTOR increased.
- Net profits of joint publication ventures is for the *Journal of Computational and Graphical Statistics* relationship. It is up in FY 2011, due to decreased expenses of that journal.
- Contributions are down slightly as we received fewer donations.
- The realized and unrealized gains on investments shows the increased value we experienced on our mutual funds due to the increase in the markets.
- Interest and Dividends are up in FY2011.
- Net assets released from restrictions are those funds paid out from restricted funds such as the Tweedie Fund.

Expenses

The IMS makes a distinction between Program and General Administrative expenses in its audited reports. This is appropriate reporting for a non-profit organization and gives members a better idea of how much is being spent on actual programming (journals, meetings, etc) versus what is spent purely on administration of the

Institute. We are happy to report that 92.9% (vs. 94.5% last year) of your dues dollars goes directly into the program functions of the IMS. The change is largely due to a closer look at what is identified as administrative within the report. More on expenses can be found in the Discussion of Note 8 and 9 sections below.

Discussion of Note 8 in Financial Statements for FY2011

Here you will see the allocation for expenses for Program and General Administrative Expenses. Production and Editorial expenses will be discussed below in the "Discussion of Note 9."

- Mailing and shipping at the press is down in FY2011 due to decreases in total issues mailed as members opt to use electronic version of journals.
- Salaries are up in FY2011 reflecting wage increases.
- The management fee shows the expenses paid to FASEB for the dues, subscriptions and web services they provide for IMS. This is up in FY2011 as more services were needed in FY2011.
- Scientific meeting expenses are up in FY2011 because of the meeting venue and slightly higher expenses.
- Managed meeting is a new line item to track expenses of meetings managed by the IMS as a service to members.
- The supported journal royalty is the contractual amount paid to supported journals for our agreement to assist them with publishing. The royalty is a percentage of net income for each publication.
- Postage and shipping from the office includes mailing of all dues and subscription paper renewal forms and catalogs. It also includes shipment of all IMS book orders. It is down in FY2011 as more members renew online thereby saving us mailing expenses. In addition, book sales are down so less shipping was required.
- Insurance fees are stable. This includes liability insurance for all officers and editors, publications and business equipment.
- Credit card fees include all processing fees for credit cards. This has increased as more members opt to pay their membership online.
- Professional fees includes fees paid to accountants and lawyers.
- Business meeting expenses are down as the IMS Executive Committee opted to meet by conference call in FY2011.
- Membership drives and publicity includes advertising of journals and IMS membership.
- Information technology services represent the hiring of contractors to provide needed services. This is down in FY2011 due to decreased needs.
- Storage fees are down as we are now storing only two years of back issues.
- Contributions to other organizations includes all dues and subscriptions to several organizations by the IMS and the Executive Director. These include Conference Board of Mathematical Statistics, Association for Women in Math, the Council for Engineering and Scientific Society Executive, the Society for Scholarly Publishing, Association for Learned and Society Publishers and the American Mathematical Society annual salary survey.
- Rent and utilities is for the Executive Director's office.
- Administrative Services includes assistance with data entry for the Executive Director.
- Printing includes all non-journal printing, including annual invoices and catalogs.
- Computer equipment and software includes equipment for the Executive Director, the Production Manager and the Bulletin Assistant Editor.
- Supplies include all needed office supplies for Executive Director's office.
- Office and other expenses includes bank fees and other miscellaneous expenses.
- Telephone is for both the Executive Director's phone and an allocation of calls to FASEB on IMS dues and subscription inquiries.

Discussion of Note 9 in Financial Statement for FY2011

Production Expenses:

- Production expenses for *Annals of Applied Statistics* and *Annals of Applied Probability* are up as the total page count for all these journals was up in FY2011.
- Production expenses for *Annals of Probability* and *Annals of Statistics* are down as fewer pages were published in FY2011.
- *Statistical Science* was stable.
- The *IMS Bulletin* expenses are down due to a decrease from 10 issues to 8 per year and an option for members to receive the publication electronically rather than in print.
- *NSF-CBMS Series* reprinted one volume in FY2010.
- *IMS Collections* printed three issues in FY2010 and only one issue in FY2011.
- *LNMS* is no longer printing any issues.
- The Web Page production expenses were stable in FY2011.
- *AIHP* was stable.
- *Bernoulli* printed extra pages in FY2010. These additional expenses are covered entirely by the Bernoulli Society.
- *Brazilian Journal of Probability and Statistics* was stable.
- Expenses for *Probability Surveys, Statistics Surveys* and *Electronic Journal of Statistics* are minimal and shared with the other co-sponsoring societies.
- *Current Index to Statistics* had hosting expenses in FY2011. In

addition, some development funds were allocated in FY2011.

- Electronic operations include expenses for placement and hosting of our journals on Project Euclid and ArXiv, and expenses associated with our Electronic Journal Management System. We experienced decreased rates in FY2011 as all back issues are now in Project Euclid and IMS is no longer posting articles for the open access journals to ArXiv.

Editorial Expenses:

- Editorial expenses for all journals are minimal in FY2011 as all journals have moved into the central editorial office. All editors are within their budgets for the length of their term.
- *Current Index to Statistics* expenses are stable.
- The *IMS Bulletin* assistant editor expenses increased due to changes in the exchange rate as she is located in the UK.
- The Web editor expenses are up. In FY2009 work on a new content management system for the web page was approved. The final phase of this project was completed in FY2011.
- Managing and production editorial expenses are up slightly.
- The Central Editorial Office handles all secretarial support for the IMS core, supported and electronic based journals.

Discussion of Note 10 in Financial Statement for FY2011

Note 10 shows distribution of funds in restricted accounts.

- Dorweiller, Hotelling, New Researchers and Development Funds experienced no changes.
- The Laha Fund decreased as grants were awarded in FY2011.
- The Tweedie Fund decreased as an award was made in FY2011.
- The Open Access Fund increased due to donations.
- The Le Cam Fund increased due to return on investment for the endowment.

Recommendation

The Executive Committee recommended an institutional subscription fee increase of approximately 9% for 2012. Dues rates for members are increased by US$5 to US$108. Subscription rates to members are adjusted to the variable cost. Members are given a 10% discount off dues if they renew by December 31. The 2011–2012 Council approved these recommendations in June and August 2011.

Jean Opsomer, IMS Treasurer

Financial Statements: 14 pages

Ciuni & Panichi

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Independent Auditors' Report

The Council
Institute of Mathematical Statistics

We have audited the accompanying statement of financial position of the Institute of Mathematical Statistics (the "Institute", a nonprofit organization) as of June 30, 2011, and the related statements of activities and cash flows for the year then ended. These financial statements are the responsibility of the Institute's management. Our responsibility is to express an opinion on these financial statements based on our audit. The prior year summarized comparative information has been derived from the financial statements of the Institute as of June 30, 2010. Those financial statements were audited by other auditors whose report dated December 20, 2010, expressed an unqualified opinion on those statements.

We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of the Institute of Mathematical Statistics as of June 30, 2011, and the changes in its net assets and its cash flows for the year then ended in conformity with accounting principles generally accepted in the United States of America.

Ciuni + Panichi, Inc.

Cleveland, Ohio
November 28, 2011

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Ciuni & Panichi, Inc.
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Institute of Mathematical Statistics

Statement of Financial Position

June 30, 2011 (with comparative totals for 2010)

Assets

	2011	2010
Cash and cash equivalents	$ 392,986	$ 516,498
Investments, at fair market value	1,892,790	1,129,872
Certificates of deposit	1,124,478	1,190,000
Accounts receivable	3,625	8,956
Interest receivable	1,088	1,761
Prepaid expenses	28,000	37,696
Investment in joint venture	-	49,962
Deposits	-	11,000
Restricted cash for endowment	37,746	37,614
Total assets	$ 3,480,713	$ 2,983,359

Liabilities and Net Assets

Liabilities:		
Accounts payable and accrued liabilities	$ 132,080	$ 131,869
Unearned memberships, subscriptions, and meeting revenues	1,192,229	1,159,922
Total liabilities	1,324,309	1,291,791
Net assets:		
Unrestricted:		
Undesignated	2,020,541	1,549,582
Board-designated	79,494	85,503
Total unrestricted	2,100,035	1,635,085
Temporarily restricted	23,949	24,063
Permanently restricted	32,420	32,420
Total net assets	2,156,404	1,691,568
Total liabilities and net assets	$ 3,480,713	$ 2,983,359

Institute of Mathematical Statistics

Statement of Activities

For the year ended June 30, 2011 (with comparative totals for 2010)

	Unrestricted	Temporarily Restricted	Permanently Restricted	Total 2011	Total 2010
Revenues, gains, and support:					
Membership dues and journal subscriptions	$ 325,341	$ -	$ -	$ 325,341	$ 339,690
Non-member subscriptions	1,514,857	-	-	1,514,857	1,481,816
Sales of back issues	12,559	-	-	12,559	10,456
Page charges	41,763	-	-	41,763	24,408
Sales of books	12,360	-	-	12,360	17,148
Scientific meetings	16,500	-	-	16,500	15,915
Managed meetings	151,019	-	-	151,019	-
Advertising	35,500	-	-	35,500	29,383
Offprints, royalties, and other	90,422	-	-	90,422	116,648
Net profit of joint venture publications	5,659	-	-	5,659	3,979
Contributions	-	1,694	-	1,694	3,986
Realized and unrealized gains	229,320	-	-	229,320	110,239
Interest and dividends	37,800	174	-	37,974	35,413
Net assets released from restrictions	1,982	(1,982)	-	-	-
Total revenues, gains, and support	2,475,082	(114)	-	2,474,968	2,189,081
Expenses:					
Program	1,867,088	-	-	1,867,088	1,783,123
General and administrative	143,044	-	-	143,044	104,554
Total expenses	2,010,132	-	-	2,010,132	1,887,677
Changes in net assets	464,950	(114)	-	464,836	301,404
Net assets, beginning of year	1,635,085	24,063	32,420	1,691,568	1,390,164
Net assets, end of year	$ 2,100,035	$ 23,949	$ 32,420	$ 2,156,404	$ 1,691,568

Institute of Mathematical Statistics

Statement of Cash Flows

For the year ended June 30, 2011 (with comparative totals for 2010)

	2011	2010
Cash flows from operating activities:		
Changes in net assets	$ 464,836	$ 301,404
Adjustments to reconcile changes in net assets to net cash provided by operating activities:		
Write-off of uncollectible accounts receivable	8,856	-
Net profit of joint venture publications	(5,659)	(3,979)
Realized and unrealized gains	(229,320)	(110,239)
Changes in operating assets and liabilities:		
Accounts receivable	(3,525)	7,486
Interest receivable	673	7,723
Prepaid expenses	9,696	30,852
Deposits	11,000	(7,700)
Accounts payable and accrued liabilities	211	80,076
Unearned memberships, subscriptions, and meeting revenues	32,307	43,943
Net cash provided by operating activities	289,075	349,566
Cash flows from investing activities:		
Purchases of investments and certificates of deposit, net of proceeds from sales	(468,076)	(149,952)
Restricted cash for endowment	(132)	129
Proceeds from dissolution of joint venture	55,621	-
Net cash used by investing activities	(412,587)	(149,823)
(Decrease) increase in cash and cash equivalents	(123,512)	199,743
Cash and cash equivalents, beginning of year	516,498	316,755
Cash and cash equivalents, end of year	$ 392,986	$ 516,498

Notes to the Financial Statements

June 30, 2011

Note 1: Description of Organization

The Institute of Mathematical Statistics (the "Institute") is an international professional and scholarly society devoted to the development and dissemination of the theory and applications of statistics and probability. Its activities include sponsorship of journals and other scientific publications, organization of scientific meetings, and cooperation with other scientific organizations.

The scientific journals are The Annals of Applied Probability, The Annals of Applied Statistics, The Annals of Probability, The Annals of Statistics, and Statistical Science. The IMS Bulletin is the news organ of the Institute. In addition, the Institute publishes The IMS Lecture Notes – Monograph Series and IMS Collections. Jointly with other organizations, the Institute publishes the Electronic Journal of Probability, Electronic Communications in Probability, Electronic Journal of Statistics, IMS Monographs, IMS Textbooks, Journal of Computational and Graphical Statistics, Probability Surveys, Statistics Surveys, Current Index to Statistics, and NSF-CBMS Regional Conference Series in Probability and Statistics. On behalf of other organizations, the Institute produces Bayesian Analysis, Bernoulli, Bernoulli News, Brazilian Journal of Probability and Statistics, and Annales de l'Institut Henri Poincaré (B) Probabilités et Statistiques.

The Institute is an international organization of approximately 4,500 statisticians, probabilists, epidemiologists, and econometricians from industry, academia, and government.

Note 2: Summary of Significant Accounting Policies

Basis of Presentation

The Institute follows authoritative guidance issued by the Financial Accounting Standards Board ("FASB") which established the FASB Accounting Standards Codification ("ASC") as the single source of authoritative accounting principles generally accepted in the United States of America.

The accompanying financial statements have been prepared on the accrual basis of accounting. Net assets and revenues, expenses, gains, and losses are classified based on the existence or absence of donor-imposed restrictions. Accordingly, net assets of the Institute and changes therein are classified and reported as follows:

Unrestricted Net Assets – Net assets that are not subject to donor-imposed stipulations. Unrestricted net assets are expendable resources used to support the Institute's core activities. These net assets may be designated for specific purposes by action of the governing body of the Institute (the "Council") to be used for future periods.

Temporarily Restricted Net Assets – Net assets subject to donor-imposed stipulations that may or will be met, either by actions of the Institute and/or the passage of time. When a restriction expires, temporarily restricted net assets are reclassified to unrestricted net assets and reported in the statement of activities as net assets released from restrictions. If donor-imposed restrictions are met in the same year as they are imposed, the net assets are reported as unrestricted.

Notes to the Financial Statements

June 30, 2011

Note 2: Summary of Significant Accounting Policies (continued)

Basis of Presentation (continued)

Permanently Restricted Net Assets – Net assets subject to donor-imposed stipulations that they be maintained by the Institute in perpetuity. Generally, the donors of these assets permit the Institute to use all or part of the income earned on any related investments for general or specific purposes. Permanently restricted net assets consist of cash gifts restricted by donors to establish a fund honoring the memory of Professor Le Cam.

Reclassifications

Certain accounts in the prior year financial statements have been reclassified for comparative purposes to conform with the presentation in the current year financial statements.

Functional Allocation of Expenses

The costs of providing the program and supporting activities of the Institute have been summarized on a functional basis in the statement of activities. Accordingly, certain costs have been allocated to the appropriate programs and supporting activities.

Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

Cash and Cash Equivalents

The Institute considers all unrestricted cash and highly liquid investments with initial maturities of three months or less to be cash equivalents.

Investments

Investments in marketable securities with readily determinable fair values and all investments in debt securities are reported at their fair values in the accompanying statement of financial position. Interest and dividend income, and realized and unrealized gains and losses are included in the change in unrestricted net assets in the accompanying statement of activities, unless donor-imposed restrictions over specific investment earnings exist, in which case, the investment earnings are classified as either changes in temporarily or permanently restricted net assets in accordance with such donor-imposed restrictions. Temporarily restricted investment income is reported as unrestricted if such restrictions are met in the same fiscal year as the investment income is generated.

Note 2: Summary of Significant Accounting Policies (continued)

Receivables and Credit Policies

Accounts receivable includes uncollateralized obligations due primarily from the Institute's customers. Payments of receivables are allocated to the specific invoices identified on the remittance advice or, if unspecified, are applied to the earliest unpaid invoices.

The carrying amount of accounts receivable is reduced by a valuation allowance that reflects management's best estimate of the amounts that will not be collected. Management individually reviews all receivable balances that exceed 90 days from invoice date and estimates the portion, if any, of the balance that will not be collected. Additionally, management estimates an allowance for the aggregate remaining receivables based on historical collectability. At June 30, 2011, the allowance for doubtful accounts was $-0-.

Revenue and Support Recognition

Membership dues and subscription fees are recognized as revenue on a straight-line basis over the term of the applicable membership and subscription period. Membership and subscription periods run from January 1 to December 31. Any time a member or non-member subscribes, he/she is entitled to all issues of the journal(s) published during the subscription period. The unearned portion of the revenue is recorded as a liability under the unearned memberships, subscription, and meeting revenues in the statement of financial position.

Lifetime membership fees are recognized as revenue over an amortization period of 12 to 15 years. Membership and subscriptions periods for lifetime members run from the first day of the calendar year a member subscribes through the member's death. The unearned portion of the revenue is recorded as a liability under the unearned memberships, subscription, and meeting revenues in the statement of financial position.

Contributions

Contributions received are recorded as unrestricted, temporarily restricted, or permanently restricted support depending on the existence and/or nature of any donor restrictions. Unconditional promises to give are recognized as revenues in the period the promise is received. Conditional promises to give are recognized when the conditions upon which they depend are substantially met. The promises are initially recorded at their fair value.

Concentrations of Credit Risk

Financial instruments which potentially subject the Institute to concentrations of credit risk consist of cash and cash equivalents and investments.

The Institute has significant investments in equity and debt securities and is, therefore, subject to concentrations of credit risk. Though the market value of investments is subject to fluctuations on a year to year basis, the Institute believes that the investment policy is prudent for its long-term welfare.

Note 2: Summary of Significant Accounting Policies (continued)

Concentrations of Credit Risk (continued)

At various times during the year ended June 30, 2011, the Institute's cash in bank balances may have exceeded federally insured limits.

Investment in Joint Venture

Investment in joint venture is stated at cost plus the equity in the undistributed earnings of the joint venture since the date of acquisition.

Production Costs of Publications

The Institute's policy is to expense the production costs of its publications as incurred rather than capitalize these costs as inventory. The Institute follows this policy as there is no discernible market for the publications after the initial distribution.

Shipping and Handling Costs

Shipping and handling costs are recorded as incurred. These expenses are included in the functional expenses in Note 8.

Income Taxes

The Institute is a Section 501(c)(3) organization exempt from income taxes on activities related to its exempt purpose under Section 501(a) of the Internal Revenue Code and Section 23701d of the California Revenue and Taxation Code. No provision for federal or state income taxes has been reported in its financial statements.

Income taxes are accounted for under the provisions of the "Income Taxes" topic of the FASB ASC. Uncertain income tax positions are evaluated at least annually by management. The Institute classifies interest and penalties related to income tax matters as income tax expense in the accompanying financial statements. As of June 30, 2011 and 2010, the Institute has identified no uncertain income tax positions and has incurred no amounts for income tax penalties and interest for the years then ended. The Institute is generally no longer subject to examination by the Internal Revenue Service for fiscal years before 2008.

Advertising

Advertising costs are expenses as incurred. Advertising expense amounted to $10,585 and $13,085 for the years ended June 30, 2011 and 2010, respectively.

Note 2: Summary of Significant Accounting Policies (continued)

Subsequent Events

In preparing these financial statements, the Institute has evaluated events and transactions for potential recognition or disclosure through November 28, 2011, the date the financial statements were available to be issued.

Note 3: Investments

The Institute is committed to a policy of low-cost long-term indexed investing with minimal intervention. The Institute's investment funds (that is, the funds other than the operating funds or the operating reserve) are to be invested as follows:

- 70% in domestic and international equities
- 30% in fixed-income instruments

The allocation of funds held within the investment portfolio is reviewed annually and is rebalanced if the actual allocations differ from the targets stated above by more than five percent.

The Institute's investments are stated at fair value and are summarized as follows at June 30, 2011:

	2011		
	Cost	Fair Value	Unrealized Appreciation
Mutual funds – equities	$ 1,268,081	$ 1,339,471	$ 71,390
Mutual funds – fixed income	546,686	553,319	6,633
Total investments	$ 1,814,767	$ 1,892,790	$ 78,023

Note 4: Fair Value Measurements

In accordance with the "Fair Value Measurements" topic of the FASB ASC, the Institute uses a three-level fair value hierarchy that categorizes assets and liabilities measured at fair value based on the observability of the inputs utilized in the valuation. This hierarchy prioritizes the inputs into three broad levels as follows: Level 1 inputs are quoted prices (unadjusted) in active markets for identical assets or liabilities; Level 2 inputs are quoted prices for similar assets and liabilities in active markets or inputs that are observable for the asset or liability, either directly or indirectly; and Level 3 inputs are unobservable inputs for which little or no market data exists, therefore, requiring an entity to develop its own valuation assumptions. These inputs reflect management's judgment about the assumptions that a market participant would use in pricing the asset and are based on the best available information, which has been internally developed.

Note 4: Fair Value Measurements (continued)

Financial assets (liabilities) consisted of the following at June 30, 2011:

	Level 1	Level 2	Level 3	Total
Cash and cash equivalents:				
Money market funds	$ 210,049	$ -	$ -	$ 210,049
Certificates of deposit	1,124,478	-	-	1,124,478
Investments:				
Mutual funds – equities	1,339,471	-	-	1,339,471
Mutual funds – fixed income	553,319	-	-	553,319
	$ 3,227,317	$ -	$ -	$ 3,227,317

The Institute maintains accounts with Merrill Lynch and Vanguard Group for operating, operating reserve and reserve funds. Financial assets include a money market fund and several mutual funds carried at their fair market value and certificates of deposit at various institutions maturing at various dates. The certificates of deposit are immediately convertible to cash with maturities ranging from three months to nine months.

Note 5: Investment in Joint Venture

The Institute, American Statistical Association ("ASA"), and Interface Foundation of North America ("IFNA") participated in a joint venture for periodic publication of the Journal of Computational and Graphical Statistics. The Institute's participation in profits and ownership of this venture was 40 percent. On January 1, 2011, the joint venture was effectively dissolved.

The Institute's equity was $-0- and $49,962 for Journal of Computational and Graphical Statistics (the IFNA venture) at June 30, 2011 and 2010, respectively.

Note 6: Unearned Memberships, Subscriptions, and Meeting Revenues

Unearned memberships, subscriptions, and meeting revenues consist of the following for the years ended June 30:

	2011	2010
Member dues and subscription fees	$ 144,636	$ 136,664
Non-member subscription fees	771,963	713,587
Lifetime and lifetime retired membership dues and subscription fees	275,630	305,597
Other deferred revenue	-	4,074
Total unearned memberships, subscriptions, and meeting revenues	$ 1,192,229	$ 1,159,922

Note 7: Retirement Plan

The Institute participates in an employer matching 403(b) retirement annuity plan. The Institute matches 200 percent of the contributions of eligible employees up to 10 percent of the employee's gross salary. Employees who have completed three years of service are eligible to participate. The Institute contributed $10,557 and $10,267 for the years ended June 30, 2011 and 2010, respectively.

Note 8: Functional Expenses

Program and general and administrative expenses for the year ended June 30, 2011 were as follows:

	Program	General and Administrative	Total
Production expenses (see Note 9)	$ 896,210	$ -	$ 896,210
Editorial expenses (see Note 9)	299,269	-	299,269
Mailing and shipping at press	113,970	-	113,970
Salaries, payroll taxes and employee benefits	67,304	67,304	134,608
Management fee	95,317	31,773	127,090
Scientific meetings	60,189	-	60,189
Managed meetings	164,169	-	164,169
Supported journal royalty	84,377	-	84,377
Postage and shipping from office	8,512	3,648	12,160
Insurance	14,685	6,294	20,979
Credit card fees and refunds	19,264	-	19,264
Professional fees	-	19,000	19,000
Business meetings	1,184	-	1,184
Membership drives and publicity	10,585	-	10,585
Information technology service	7,890	-	7,890
Storage	7,566	-	7,566
Contributions to other organizations	7,158	-	7,158
Rent and utilities	1,650	1,650	3,300
Administrative services	-	2,476	2,476
Printing, non-journal	3,812	-	3,812
Computer equipment and software	1,786	766	2,552
Supplies	591	591	1,182
Office expense and other	1,104	473	1,577
Telephone	496	213	709
Bad debt expense	-	8,856	8,856
	$ 1,867,088	$ 143,044	$ 2,010,132

Note 8: Functional Expenses (continued)

Program and general and administrative expenses for the year ended June 30, 2010 were as follows:

	Program	General and Administrative	Total
Production expenses (see Note 9)	$ 983,795	$ -	$ 983,795
Editorial expenses (see Note 9)	248,753	-	248,753
Mailing and shipping at press	162,503	-	162,503
Salaries, payroll taxes and employee benefits	66,253	66,253	132,506
Management fee	120,835	-	120,835
Scientific meetings	55,673	-	55,673
Managed meetings	-	-	-
Supported journal royalty	29,827	-	29,827
Postage and shipping from office	16,662	7,141	23,803
Insurance	14,135	6,058	20,193
Credit card fees and refunds	18,556	-	18,556
Professional fees	-	18,000	18,000
Business meetings	14,898	-	14,898
Membership drives and publicity	13,085	-	13,085
Information technology service	10,642	-	10,642
Storage	9,932	-	9,932
Contributions to other organizations	9,443	-	9,443
Rent and utilities	1,650	1,650	3,300
Administrative services	-	3,230	3,230
Printing, non-journal	2,443	-	2,443
Computer equipment and software	1,345	576	1,921
Supplies	861	861	1,722
Office expense and other	1,173	502	1,675
Telephone	659	283	942
	$ 1,783,123	$ 104,554	$ 1,887,677

Note 9: Production and Editorial Expenses

Production and editorial expenses incurred were as follows:

	2011	2010
Production expenses:		
Core publications:		
The Annals of Applied Probability	$ 115,490	$ 104,000
The Annals of Applied Statistics	164,968	144,072
The Annals of Probability	105,200	121,561
The Annals of Statistics	204,817	247,839
Statistical Science	53,542	56,476
IMS Bulletin	27,951	44,451
NSF - CBMS Series	-	507
IMS Collections	5,662	8,569
The IMS Lecture Notes - Monograph Series	-	14,253
Web page	11,576	13,331
Total core publications	689,206	755,059
Supported publications:		
Annales de l'Institut Henri Poincaré	57,320	55,576
Bernoulli	58,555	64,152
Bernoulli News	3,209	3,420
Brazilian Journal of Probability and Statistics	19,057	19,598
Total supported publications	138,141	142,746
Co-sponsored publications:		
Probability Surveys	348	1,550
Statistics Surveys	193	1,680
Current Index to Statistics	10,721	6,404
Electronic Journal of Statistics	579	5,150
Total co-sponsored publications	11,841	14,784
General publication expenses:		
Electronic operations for all publications	57,022	71,206
Total general publication expenses	57,022	71,206
Total production expenses	$ 896,210	$ 983,795

Note 9: Production and Editorial Expenses (continued)

	2011	2010
Editorial expenses:		
The Annals of Applied Statistics	$ 215	$ -
The Annals of Statistics	-	2,000
The Annals of Probability	-	1,000
Current Index to Statistics	30,000	30,000
IMS Bulletin	69,074	64,936
WWW editor	81,979	41,009
Managing and production editors	95,501	91,808
Central editorial office	22,500	18,000
Total editorial expenses	$ 299,269	$ 248,753

Note 10: Net assets

	2011	2010
The following are net assets available at June 30:		
Unrestricted:		
Undesignated	$ 2,020,541	$ 1,549,582
Board-designated:		
Dorweiller Fund	3,600	3,600
Hotelling Fund	1,600	1,600
New Researchers Meeting Fund	31,533	31,594
Development Fund	25,000	25,000
Laha Fund	17,761	23,709
Total Board-designated	79,494	85,503
Total unrestricted	2,100,035	1,635,085
Temporarily restricted:		
Tweedie Memorial Fund	13,642	14,524
Open Access Fund	3,738	3,144
Le Cam Earnings Fund	6,569	6,395
Total temporarily restricted	23,949	24,063
Permanently restricted:		
Le Cam Endowment	32,420	32,420
Total net assets	$ 2,156,404	$ 1,691,568

End of Financial Statements

Laha Travel Awards

Thanks to a generous bequest from the late Professor Radha Govind Laha, IMS established the Laha Awards to provide funds for travel to present a paper at the IMS Annual Meeting (this year, at the eighth World Congress in Probability and Statistics, in Istanbul, Turkey, from July 9–14).

This year the IMS Committee on Travel Awards has selected 13 people whose travel to Istanbul will be supported. If you're going to the World Congress, do go and introduce yourself! The Laha Awards will be presented in the awards ceremony at the IMS Presidential Address session at 2:00pm on Wednesday July 11: all attendees will be welcome at this and the reception immediately afterwards.

Yuval Benjamini
UC Berkeley, USA

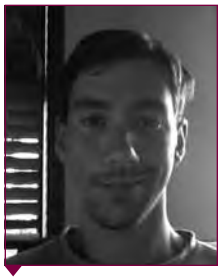
Karthik Bharath
University of Connecticut, USA

Jinyuan Chang
Peking University, China

Yining Chen
University of Cambridge, UK

Diego Colombo
ETH Zürich, Switzerland

Shuping Jiang
Oregon State University, USA



Michael Kelly
University of California, San Diego, USA

Miles Lopes
UC Berkeley, USA

Gourab Mukherjee
Stanford University, USA

Dan Shen
University of North Carolina at Chapel Hill, USA

Alisa Stephens
Harvard University, USA

Ruodu Wang
Georgia Institute of Technology, USA

Wenxin Zhou
Hong Kong University of Science and Technology, China

IMS website update

Update your own member record

The IMS website, http://imstat.org, now offers members the facility to log in to their accounts and update their profiles. Please sign in at https://secure.imstat.org/members/imsmember.htm and check the information is up to date. You can also access the page using the "Login" tab on the main site.

You are welcome to change any aspects within your profile and the IMS database will be immediately updated. You can also find your member ID under the Profile tab. This member login area will serve as the hub for your membership information.

New member ID

You should by now have received an email explaining that the IMS has moved to a new database that requires new member IDs. This shift is now complete and you should use your new ID for all IMS business.

If you have any questions, please don't hesitate to contact Elyse Gustafson, IMS Executive Director: you can email Elyse at erg@imstat.org or you can phone 877-557-4674 (toll-free in USA) or +1 216 295 5661 (international).

Proposals and nominations

Call for Proposals for SAMSI Summer Programs and Workshops

Richard Smith, Director of SAMSI, writes: The Statistical and Applied Mathematical Sciences Institute (SAMSI) announces a new call for proposals to organize a summer program or workshop focused on a topic within the broad spectrum of new or recent research themes covered by SAMSI, to take place during the summer of 2013. A summer program is a short research program, of 1–2 weeks duration, that is consistent with the SAMSI core theme of bringing together statisticians, applied mathematicians, other mathematical scientists, and researchers in other disciplines, though it is not necessary for every proposal to include all of these elements. A workshop is typically shorter (2–3 days) and focused on a specific topic.

A summer program or workshop can form the seed from which a future year-long program develops. Therefore a summer program or workshop offers an opportunity to develop a new SAMSI research theme without the workload required for a year-long program.

To apply, please prepare a document of roughly 3-5 pages in length that should include at least the following: (1) Title and nature of proposed activity (e.g. whether it is a 2-week summer program, a 1-week summer program, or a workshop of 2–3 days), (2) the names and affiliations of the organizing committee, (3) rationale and objectives of the program or workshop, (4) leading researchers whom the program is expected to involve (commitments from specific individuals are encouraged, but not required as part of the application process), (5) a brief outline of how the program or workshop will be structured. The program or workshop will take place at SAMSI and the final number of participants should be under 50. The proposal should be sent to summercompetition@samsi.info by July 27, 2012.

Proposals will be evaluated by the SAMSI Directorate who may contact the proposers for further information. Our objective is to make a decision by the end of September which proposal or proposals will be accepted for 2013. Once a proposal is accepted, the SAMSI Directorate will work closely with the organizing committee on the further development of the program or workshop including budgeting, local arrangements and the coordination of invitations. All the organizational arrangements will be made by SAMSI.

For further information about SAMSI, please see our website, www.samsi.info. Reports from past programs (including summer programs) can be downloaded from http://www.samsi.info/pgm-rpts.

Call for Nominations for NISS 2012 Jerome Sacks Award

Nominations for the 2012 Jerome Sacks Award for Outstanding Cross-Disciplinary Research are now open, with a deadline of June 15. The award will be announced (and hopefully presented to the recipient in person) at the NISS/SAMSI JSM 2012 reception, which is from 5:00 to 7:00pm on Monday, July 30, in San Diego. The recipient receives $1000, and his or her name is added to a plaque at NISS that lists all recipients. The list of recipients is at http://www.niss.org/news/awards/jerome-sacks-award-outstanding-cross-disciplinary-research

The award recognizes sustained, high-quality cross-disciplinary research involving the statistical sciences, as exemplified by the work of Jerry Sacks, the founding director of NISS. This definition is intentionally broad: it includes not just publications, but also patents and software creation. We are especially interested in recognizing work that, in the spirit of NISS, creates new research relationships bridging between the statistical sciences and other disciplines, or new bridges among academia, industry and government.

The nomination process is very straightforward. All that is needed is a nomination letter of no more that two pages, names of at least two other individuals who have consented to write letters of support and a CV. Nominations should be submitted electronically, to sacksaward2012@niss.org.

Terence's Stuff: Barley, hops, yeast and water

Terry Speed writes in honor of William Sealy Gossett: statistician, Guinness brewer, and thoroughly decent chap. Raise a glass to "Student"

A couple of weeks ago I was invited to join some statisticians for Friday night beer at an Irish pub. Nothing too unusual in this; there were probably scores of small groups of statisticians around the world drinking beer together that evening. I chose to have a Guinness, and as I sat down to enjoy it, I mentioned Student. No reaction. I persevered: "Student's *t*-statistic?" "Yes, we all know that." "The Guinness brewery?" Blank looks.

When I was a student, well aware most people regarded statistics as a boring subject, I found comfort in the story of William Sealy Gossett (1876–1937) and his pseudonym. There he was, labouring away in a brewery in Ireland, secretly doing statistics, while his employer's competitors were blissfully unaware of the economic value of our field to their business. A flash of colour in our generally pale discipline, and furthermore, it related to a product I consumed. I learned about Guinness on my first visit to a pub in England, when I was asked, "What'll you have?" Faced with a bewildering variety of options, I pointed: "One of those please." I nearly fainted when I saw what was being poured for me: thick dark brew bearing no resemblance to anything I'd ever seen before, much less drunk. A little over two years later, I was the proud owner of a copy of *"Student's" Collected Papers [CP]*, and have been a big fan of "Student" ever since. Learning to love Guinness took longer.

"Student" really was a quite remarkable man, though it is hard for us now to appreciate the basis of the description in Fisher's obituary of him as "one of the most original minds in contemporary science." First and foremost a Brewer, but the one *i/c Statistics* at Guinness, his position led him to take a close interest in both agricultural and industrial statistics. Guinness needs barley, and so the company was involved in varieties of barley, and of field experiments comparing them. This is readily apparent from the *CP*. Making beer is a complex industrial process, and so we'd expect "Student" to have shown a lot of interest in measurement, process and quality control. There is a little about this in the *CP*—the error of counting, errors of routine analysis—but not very much. In one of the first courses of statistics I taught which covered the *t*-distribution, I resolved to use "Student's" original data to motivate and illustrate his *t*. But "Student" doesn't use his own data, and I was left feeling disappointed, concluding that he had omitted any material from his own work to protect Guinness's trade secrets.

In due course I learned that there was much more to "Student's" scientific work than the contents of his *CP*. Gosset was a prolific correspondent, and a lot of his correspondence with Karl Pearson, R.A. Fisher and E.S. Pearson is now available. It is great to read. One of my favourites is where Fisher actually writes down a linear model for Gossett and explains all the details: A_p+B_q, with $N(0, \sigma^2)$ errors, to be fitted by least squares to an $m\times n$ array (X_{pq}) of yields from m varieties planted in each of n trials. It's worth reading.

However, the real gold-mine can be found in the Guinness archives. Apparently we can find there over 350 reports written by Gosset, on every topic that you might imagine interested a senior scientist-executive in a large brewery: experiments involving hops, wood (for casks), coal (for malting), advertising, marketing and sales (of the product), demography and epidemiology (of his workforce), and many aspects of the brewing process. Papers drawing on this material have started to come out over the last few years, but we can expect many more.

I learned about the archives while attending the 58th World Statistics Congress (ISI 2011) in Dublin last year. Not only did I hear excellent talks on "Student" and other luminaries of Irish statistics, I had the opportunity to take the Guinness Storehouse Tour, Ireland's number one visitor attraction. There, I learned how the four ingredients of my title are combined to form what Colm Tóibín calls "old, heavy, bitter and divine," and I could drink some at the end of my tour in the spectacular Gravity Bar. Along the way I saw William Sealy Gosset the Brewer in several group photographs.

"Student" gave us the first small sample theory, including the *t*-distribution. He pioneered simulation, he tried (but failed) to interest Fisher in robustness, he suggested the notion of power to Egon Pearson, he promoted systematic designs, and much more. He was a major figure in Statistics, and a thoroughly decent chap too: everyone liked him. Next time you drink beer, think of him; better still, sample a Guinness.

Guinness: "old, heavy, bitter and divine", according to one of its fans, Colm Tóibín

Photo: Rick Harrison/Flikr

IMS meetings around the world

IMS Annual Meetings, 2012 & 2014

IMS sponsored meeting

2012 World Congress/IMS Annual Meeting
July 9–14, 2012
Grand Cevahir Hotel & Convention Center, Istanbul, Turkey
w http://www.worldcong2012.org/

Registration still open at www.worldcong2012.org

The eighth World Congress in Probability and Statistics will be held in Istanbul from July 9 to 14, 2012. It is jointly organized by the Bernoulli Society and the Institute of Mathematical Statistics. Scheduled every four years, this meeting is a major worldwide event for statistics and probability, covering all its branches, including theoretical, methodological, applied and computational statistics and probability, and stochastic processes. It features the latest scientific developments in these fields.

Contacts: Elvan Ceyhan and Mine Çağlar, Co-chairs of the Local Organizing Committee; Arnoldo Frigessi, Chair of the Program Committee.

Istanbul's Bosphorus Bridge connects Europe (on the left) and Asia (right)

IMS sponsored meeting

2014 IMS Annual Meeting
July 7–11, 2014
Sydney, Australia
w TBC

The location for the 2014 IMS Annual Meeting has been selected as Sydney, Australia. Details will follow, but you can mark your calendars now!

Joint Statistical Meetings, 2012–2017

IMS sponsored meeting

2012 Joint Statistical Meetings
July 28 – August 2, 2012
San Diego, CA
w http://amstat.org/meetings/jsm/2012/

IMS Invited Program: Hans Mueller, University of California, Davis **e** mueller@wald.ucdavis.edu; IMS Contributed Program: Fang Yao, University of Toronto **e** fyao2001@gmail.com

May 1: Registration (early-bird) and housing opens

Featuring, among other highlights, three Medallion lectures (Yoav Benjamini, Emanuel Candes and Donald Geman) and a special session on the Best of the *Annals of Applied Statistics*.

The invited program is online now at http://amstat.org/meetings/jsm/2012/onlineprogram/

IMS sponsored meeting

IMS Annual Meeting @ JSM 2013
August 3–8, 2013: Montréal, Canada
w http://amstat.org/meetings/jsm/

IMS sponsored meeting

JSM 2014
August 2–7, 2014: Boston, USA
w http://amstat.org/meetings/jsm/

IMS sponsored meeting

IMS Annual Meeting @ JSM 2015
August 8–13, 2015: Seattle, USA
w http://amstat.org/meetings/jsm/

IMS sponsored meeting

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

IMS sponsored meeting

IMS Annual Meeting @ JSM 2017
July 29 – August 3, 2017: Baltimore, USA
w http://amstat.org/meetings/jsm/

At a glance:

forthcoming IMS Annual Meeting and JSM dates

2012

IMS Annual Meeting @ World Congress: İstanbul, Turkey, **July 9–14, 2012**
w http://www.worldcong2012.org/

JSM: San Diego, CA, **July 28–August 2, 2012**
w http://amstat.org/meetings/jsm/2012/

2013

IMS Annual Meeting @ JSM: Montréal, Canada, **August 3–8, 2013**

2014

IMS Annual Meeting: Sydney, Australia, **July 7–11, 2014**

JSM: Boston, MA, **August 2–7, 2014**

2015

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

IMS co-sponsored meeting

NEW

ISBA Regional Meeting and International Workshop/Conference on Bayesian Theory and Applications (IWCBTA)
January 6–10, 2013
Varanasi, India

w www.bhu.ac.in/isba

IMS Rep on Program Committee: Dipak Dey

The DST Centre for Interdisciplinary Mathematical Sciences, Banaras Hindu University, is organizing the ISBA Regional Meeting in conjunction with International Workshop/Conference on Bayesian Theory and Applications (IWCBTA) from January 6–10, 2013. The meeting is co-sponsored by the International Society for Bayesian Analysis (ISBA), the Indian Bayesian Society and the Indian Chapter of ISBA. A few tutorials will be offered on January 6–7. The afternoon of January 7 will have the Inaugural session of the ISBA Regional Meeting and IWCBTA. The main contributed and invited presentations will begin from January 8, 2013, with poster presentations each evening.

IMS co-sponsored meeting

Second IMS Workshop on Probability and Statistics in Finance (FPS)
May 30–31,2012
UC Berkeley, California

w http://www.ieor.berkeley.edu/~xinguo/IMSworkshop-FPS2012/

Registration is now open for the IMS Second Workshop on Probability and Statistics in Finance (FPS), at UC Berkeley on May 30–31, 2012. This is the second workshop, co-sponsored by IMS, for the recently formed special interest group within IMS on Finance: Probability and Statistics (FPS). The focus of the workshop is the use of probabilistic and statistical analysis and models for problems arising in finance. By bringing together both leading experts and junior researchers, the conference will highlight important contributions made through the use of statistics and probability, and identify emerging issues where statistics and probability promise to play an important role in the future.

The plenary speakers are M. Davis, J.P. Fouque, N. Garleanu, M. Kijima, S. Peng, M. Schweizer, and R. Tsay. In addition, there are invited and contributed sessions.

Registration is open. Participants who are interested in giving talks should send emails to xinguo@ieor.berkeley.edu with the subject "IMS FPS 2012".

There is a satellite workshop at Stanford University on risk modeling and management following this workshop, on June 1–2. Details about the workshop and the FPS group can be found at the website above.

IMS co-sponsored meeting

Conference on New Statistical Methods for Next-Generation Sequencing Data Analysis
May 11, 2012
Iowa State University, Ames, USA

w http://www.stat.iastate.edu/Conference2012/

IMS Representative(s) on Program Committees: Dan Nettleton

IMS co-sponsored meeting

Modeling High Frequency Data in Finance 4
July 19–22, 2012
Stevens Institute of Technology, Hoboken, NJ, USA

w http://kolmogorov.math.stevens.edu/conference2012/

IMS Reps: Ionut Florescu, Frederi Vien.

Topics include: mathematical, statistical and computer science models for data sampled with high frequency; market microstructure theory and practice; multiscale modeling of financial events; trading rules and strategies when using high frequency data; regulatory aspects of financial markets. These topics are to be complemented with ideas related to mathematical finance, financial engineering, quantitative finance, stochastic processes and applications, etc.

Submit abstracts by April 30: see http://kolmogorov.math.stevens.edu/conference2012/index.php/call-for-papers

IMS co-sponsored meeting

First Conference: International Society for NonParametric Statistics
June 15–19, 2012
Chalkidiki, Greece

w www.isnpstat.org

The International Society for NonParametric Statistics (ISNPS) will host its first conference in Chalkidiki, northern Greece, June 15–19, 2012. The meeting is co-sponsored by the IMS, the ISI, the Bernoulli Society, and the Nonparametric Statistics Section of the ASA. The venue is the G-Hotel complex (www.ghotels.gr), 40 miles (60km) from Thessaloniki (also know as Salonica), which is Greece's second-largest city.

The plenary speakers are Emmanuel Candes (Stanford and CalTech); Peter Hall (Univ. of Melbourne and UC Davis); and Jon Wellner (Univ. of Washington).

Special Invited Speakers: Laszlo Gyorfi (Budapest Univ.); Wolfgang Hardle (Humboldt Univ.); Ingrid Van Keilegom (Univ. Catholique de Louvain); Bruce Lindsay (Penn State Univ.); Enno Mammen (Univ. of Mannheim); and Peter Robinson (LSE).

More IMS meetings around the world

IMS sponsored meeting

14th IMS Meeting of New Researchers in Statistics and Probability
July 26–28, 2012
University of California, San Diego, La Jolla, California, USA

w http://math.ucsd.edu/~nrc2012/

The 14th Meeting of New Researchers in Statistics and Probability will be held at UC San Diego, in La Jolla, July 26–28, 2012. The meeting is open to recent PhD's and graduate students within one year of completion; the applications deadline has now passed.

The meeting will feature the IMS Tweedie New Researcher Invited Lecture, from Huixia Wang.

The meeting will be partially supported by a grant from the National Science Foundation, and part of the funds will be used to defray some of the participants' expenses of attending the meeting.

IMS co-sponsored meeting

International Workshop on
Recent Advances in Time Series Analysis (RATS2012)
June 9–12, 2012
Protaras, Cyprus

w http://euclid.mas.ucy.ac.cy/~rats2012/

IMS Rep Dimitris Politis

The International Workshop on Recent Advances in Time Series Analysis (RATS2012) will take place from June 9–12, 2012 in Protaras, Cyprus. The keynote speakers are

David Brillinger (Berkeley) and

Paul Doukhan (Université Cergy-Pontoise).

IMS co-sponsored meeting

Quantitative Methods in Statistics, Biostatistics and Actuarial Sciences
May 30 – June 1, 2012
Institut de statistique, biostatistique et sciences actuarielles (ISBA), Louvain-la-Neuve, Belgium

w http://www.uclouvain.be/393243.html

On the occasion of its twentieth anniversary the ISBA at Université catholique de Louvain is organizing a conference covering the three main fields of research represented in the institute: there will be invited speakers sessions on actuarial sciences, mathematical statistics and biostatistics. A poster session will complete the program.

The degree of *Doctor Honoris Causa* will be conferred on Ray Carroll, Texas A&M University, and Paul Embrechts, ETH Zürich.

IMS co-sponsored meeting

Third Workshop for Women in Probability UPDATED
October 14–16, 2012
Duke University, NC, USA

w www.math.duke.edu/~rtd/wwp12/WWP2012.html

The Third Workshop for Women in Probability will be held October 14–16, 2012, at Duke University (Sunday morning to mid-day Tuesday). The scientific program organized by Tai Melcher (Virginia) and Amber Puha (California State U, San Marcos) will feature talks by Janet Best (Ohio State); Alexandra Chronopoulou (UCSB); Cindy Greenwood (Arizona State); Alice Guionnet (ENS Lyon); Kay Kirkpatrick (UIUC); Nevena Marić (Missouri); Dana Randall (Georgia Tech); Amandine Véber (CMAP); Amy Ward (USC); and Jessica Zúñiga (Duke)

Women probabilists, especially young researchers and advanced graduate students, are encouraged to attend the workshop and participate in the poster session. We anticipate having funding from NSF for 30 travel grants of $400 for local expenses. Apply before September 1 on the conference web page above. This meeting is co-sponsored by the IMS, and partially supported by the Cornell RTG in probability. If you have questions please contact the local organizers, Rick Durrett and Jonathan Mattingly.

IMS co-sponsored meeting UPDATED

36th Conference on Stochastic Processes and their Applications
July 29 – August 2, 2013
University of Colorado, Boulder, USA

w http://math.colorado.edu/spa2013/

The week of SPA is especially busy in Boulder, and we strongly recommend reserving rooms as early as possible. Rooms are already being held under "SPA2013" at a number of hotels, details can be found at http://math.colorado.edu/spa2013/?page_id=21.

SPA2013 will feature the inaugural Schramm Lecture by Itai Benjamini (Weizmann Institute of Science); and an IMS Medallion Lecture from Bálint Virág (University of Toronto). There will also be a Lévy Lecture by Gerard Ben Arous (Courant) and a Doob Lecture from Neil O'Connell (Warwick). Other invited lecturers are Zhen-Qing Chen (Washington); Ron Doney (Manchester); Hugo Duminil-Copin (Genève); Pablo Ferarri (Buenos Aires); József Fritz (Budapest); Tadahisa Funaki (Tokyo); Niels Jacob (Swansea); Vadim Kaimanovich (Ottawa); Jeremy Quastel (Toronto); Kavita Ramanan (Brown); Qi-Man Shao (Hong Kong); Amandine Veber (École Polytechnique); and Ofer Zeitouni (Minnesota & Weizmann).

IMS sponsored meeting

The Second IMS Asia Pacific Rim Meeting
July 1–4, 2012
Tsukuba, Japan

w http://www.ims-aprm2012.org/

Program Chairs: Byeong U. Park **e** bupark@stats.snu.ac.kr, Runze Li **e** rli@stat.psu.edu

The second IMS-APRM will be held in July 1–4, 2012, in Tsukuba, the science city and academic center of Japan, which is about 60km from Tokyo. 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. Detailed program information can be found the conference website above. We cordially invite you all to attend this major statistical conference in the Asia–Pacific Rim area.

Akimichi Takemura, LOC Chair; Byeong Park & Runze Li, SC Co-Chairs.

IMS co-sponsored meeting

Ninth Conference on Bayesian Nonparametrics
June 10–14, 2013
Amsterdam, The Netherlands

w http://www.bnp9.win.tue.nl/
e bnp9info@gmail.com

IMS Representative(s) on Program Committees: Subhashis Ghosal

The 9th Conference on Bayesian Nonparametrics will be held June 10–14, 2013, in Amsterdam, The Netherlands. The webpage currently under construction, more information will follow soon.

IMS co-sponsored meeting UPDATED

19th IMS/ASA Spring Research Conference on Statistics in Industry and Technology
June 13–15, 2012
Cambridge, MA

w http://www.stat.harvard.edu/SRC2012/

The theme of the 19th SRC is *"Enabling the Interface between Statistics and Engineering"*. The conference will be jointly hosted by Department of Statistics and School of Engineering and Applied Sciences at Harvard University. The deadlines for applying for student scholarship and abstract submission have passed.

IMS co-sponsored meeting

8th Cornell Probability Summer School
July 16–27, 2012
Cornell University, Ithaca, NY

w http://www.math.cornell.edu/~cpss/2012/

The Eighth Cornell Probability Summer School will feature six lecture series by David Aldous (UC Berkely), Sourav Chatterjee (NYU) and Remco van der Hofstad (Eindhoven). In addition Shankar Bhamidi (UNC), Amir Dembo (Stanford), Raissa D'Souza (UC Davis), Gregory Miermont (Paris Sud), and Joel Spencer (NYU) will each give two lectures.

This meeting is supported by a Research Training Group grant from the National Science Foundation to the probability group at Cornell. Registration is now closed, with 64 graduate students and young researchers accepted to participate. This will be last meeting organized by Rick Durrett but the conference series will continue for at least two more years.

ENAR, 2013–2015

IMS sponsored meeting

2013 ENAR/IMS Spring Meeting
March 10–13, 2013
Orlando, Florida, USA

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

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 co-sponsored meeting

International Conference *Ars Conjectandi* 1713–2013
October 15–16, 2013, Basel, Switzerland

w http://www.statoo.ch/bernoulli13/

2013 marks the 300th anniversary of the publication of Jacob Bernoulli's book, *Ars Conjectandi,* in 1713. A meeting has been organized to celebrate this: the "International Conference *Ars Conjectandi* 1713–2013" will be held October 15–16, 2013, in Basel, Switzerland.

IMS Reps on the program committee are Hans Künsch and Lutz Dümbgen.

IMS co-sponsored meeting

International Symposium in Statistics on Longitudinal Data Analysis Subject to Outliers, Measurement Errors, and/or Missing Values
July 16–18, 2012
Memorial University, St. John's, Canada

w www.iss-2012-stjohns.ca

IMS Rep: Brajendra Sutradhar

Other meetings around the world

4th International Conference on Accelerated Life Testing and Degradation Models
June 4–6, 2012, Rennes, France

w http://dupuy.perso.math.cnrs.fr/ALT2012.html

ALT2012 is the 4th international conference concerned with the latest scientific results and applications in reliability testing and analysis. The aim 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. Theoretical issues and applied case studies will range from academic considerations to industrial, medical, and social applications.

International Conference on Quantitative Finance and Risk Management
July 2–4, 2012, Changchun, China

w http://people.math.gatech.edu/~peng/qfrm/

The main aim is to bring researchers in mathematical finance, statistical finance, computational finance and risk management together to foster new ideas and new methodologies with direct impact on financial industry.

High dimensional and dependent functional data
September 10–12, 2012, Bristol, UK

w http://sustain.bris.ac.uk/ws-fda/

The scope of this workshop is functional data analysis, with a particular focus of methodological developments and associated theoretical analysis for dependent or multi-dimensional functional data, together with applications. The aim is to promote discussion and transfer of ideas and methodologies between researchers working in these important areas of functional data analysis, with experts highlighting the challenges and developments in their fields.

6th International Conference on Stochastic Analysis and its Applications
September 10–14, 2012, Bedlewo, Poland

w http://bcc.impan.pl/6ICSA/

The conference will be the sixth in a series of international conferences on Stochastic Analysis and its Applications. The main topics of the conference are: Dirichlet forms and stochastic analysis; Jump processes; Stochastic partial differential equations; Stochastic analysis and geometry; Optimal transport and allocation problems; Potential theory; Random media, percolation clusters and fractals; Stochastic models in physics and biology.

Workshop on New Developments in Econometrics and Time Series
September 10–11, 2012
EIEF, Rome, Italy

w http://www.statistik.tu-dortmund.de/1740.html

The Collaborative Research Center "Statistical Modelling of Nonlinear Dynamic Processes" (SFB 823), supported by the Deutsche Forschungsgemeinschaft (DFG), is organizing an international workshop on "New Developments in Econometrics and Time Series", to be held in Rome on September 10–11, 2012. The aim is to bring together internationally renowned experts in these areas with the researchers of SFB 823 in order to review recent developments and initiate scientific exchange. The Workshop is in part a continuation of the successful series of "Brussels-Waseda Seminars on Time Series and Financial Statistics".

Location: Einaudi Institute for Economics and Finance (EIEF), Rome (photo right; see EIEF's website for more information: http://www.eief.it/)

Rome's Einaudi Institute for Economics and Finance

Invited Speakers: Manfred Deistler (Vienna University of Technology), Rustam Ibragimov (Department of Economics, Harvard University), Soren Johansen (Department of Economics, University of Copenhagen), Roger Koenker (Department of Economics, University of Illinois), Ta-Hsin Li (Thomas J. Watson Research Center, Yorktown, USA), Helmut Lütkepohl (European University Institute, Florence), Markus Reiß (Institut für Mathematik, Humboldt-Universität zu Berlin), Masanobu Taniguchi (Department of Mathematical Science, Waseda University), Dag Tjoestheim (University of Bergen), Stanislav Volgushev (Department of Mathematics, Ruhr-Universität Bochum), Bas Werker (Department of Econometrics and Operations Research, Tilburg University), Michael Wolf (Department of Economics, University of Zurich), Paolo Zaffaroni (Imperial College, London).

2012 NISS/ASA Writing Workshop for Junior Researchers
Sunday 29 July & Wednesday 1 August, 2012 at JSM San Diego, CA

The National Institute of Statistical Science (NISS) and the American Statistical Association (ASA) will hold a writing workshop for junior researchers. The goal of the workshop is to provide instruction in how to write journal articles and grant proposals. Participants will be required to provide a recent sample of their writing, which will be reviewed by a senior mentor. The sample could be a current draft of an article to be submitted for publication, or it could be an early version of a grant proposal. (Submission of the manuscript will be required as part of the registration process. Prior experience suggests that the best results come from submitting an early draft of something that is written solely or primarily by the participant.) The mentors will be former journal editors and program officers, who will critique (a portion of) the submitted material. Individual feedback will be provided as part of the opening session, and participants will be expected to prepare a revision in response.

The workshop will open with a one-day session of general instruction in effective writing techniques and will close with discussion and debriefing at a follow-up lunch. The full-day session is scheduled for Sunday, July 29, in San Diego, CA. At the close of the formal activities, mentors will meet individually with participants to go over the writing samples they submitted. Each participant will then prepare a revision of a critiqued portion of the paper and return this to the mentor by Tuesday evening, July 31. Mentors and participants will meet again over lunch on August 1, to discuss the revisions. The lunch program will also include general feedback to participants, mentors, and organizers. Attendance will be limited. To apply, go to http://www.amstat.org/meetings/wwjr/registration/index.cfm?fuseaction=ShowApp. Applications are due by June 1, 2012, and successful applicants will be notified by June 30. Applications received after June 1 will be considered if space is available. There is no fee for participation. Participants will receive lunch on Sunday, July 29, and Wednesday, August 1. Participants must agree to attend both the full Sunday session and the Wednesday lunch. We anticipate funding for partial travel support.

This workshop is designed for researchers with a recent PhD in either statistics or biostatistics. Top priority will go to those who have held the PhD for 0–3 years. The limited available funding will be used to support attendance by researchers at US institutions. Current PhD students who are completing their degree before the end of the summer and who will be at US institutions in the fall will also be considered. If space is available, researchers at institutions outside the US will be admitted to the workshop, but will not be provided with travel support.

Short Course on Statistical Genetics & Genomics
July 9–13, 2012
Birmingham, Alabama

w http://www.soph.uab.edu/ssg/nigmsstatgen/second

The University of Alabama at Birmingham's Section on Statistical Genetics is pleased to announce the Second Annual NIGMS-funded Short Course on Statistical Genetics & Genomics in Birmingham, AL, on July 9–13, 2012. Focusing on the state-of-art methodology to analyze complex traits, this five-day course will offer an interactive program to enhance researchers' ability to understand & use statistical genetic methods, as well as implement & interpret sophisticated genetic analyses. Limited number of Travel Fellowships available, see website for details. Only participants residing in the US are eligible for Travel Fellowships!

Topics to include: Intro (Genetics & Genomics; Biostatistics); GWAS Design/Analysis/Interpretation; Structural Variation & Human Diseases; Epigenomics methods; Microarrays and RNAseq: technologies and data processing; Design and analysis of gene expression experiments ; Rare Variants & Exome Sequencing; Pharmacogenetics/Pharmacogenomics; Whole Genome Prediction; Integrating different data domains; GWAS Pathway based approaches. Software demos: Intro R & Bioconductor; PLINK, PENNCNV, Epigenetic Analysis; IMPUTE2; ChiP Seq Software (DIME); RMANOVA and HDBSTAT; Ingenuity Pathways Analysis (IPA); and others!

To ensure the depth and practicality of the training program, we will provide 10 laptops to students or student pairs in the classroom. Each computer will be loaded with the required statistical software. Participants are encouraged to bring their laptop. Many of the faculty have substantial expertise with the use of software for statistical genetics and have even authored some.

Funded by the National Institute of General Medical Sciences (NIGMS).

Applied Statistics 2012
September 23–26, 2012, Ribno (Bled), Slovenia

w http://conferences.nib.si/AS2012

Abstract submission (deadline June 1) and registration (deadline August 15) are now open. This year's distinguished speakers are Lynne Billard, University of Georgia, USA; Vern Farewell, MRC Biostatistics Unit, UK; and Hadley Wickham, Rice University, USA. Visit AS2012 website for abstracts. Hadley will also give a workshop. The conference e-mail address is info.AS@nib.si, or contact Andrej Blejec, chair of Organizing Committee **e** andrej.blejec@nib.si, or Janez Stare, chair of International Program Committee **e** janez.stare@mf.uni-lj.si

Other meetings around the world

Workshop on Modern Nonparametric Methods for Time Series, Reliability & Optimization
September 10–12, 2012
Leuven, Belgium
w http://homes.esat.kuleuven.be/~sistawww/mnm
Call for abstracts: deadline July 15th, 2012
The workshop takes place in Leuven, a beautiful historical city in the northern part of Belgium. The general theme is nonparametric methods for regression and time series, reliability analysis and optimization methods which are used in the field of statistics and engineering. The goal of this workshop will be to structure and explore the state-of-the-art algorithms and methods for nonparametric methods for time series, reliability & optimization. In particular we are interested in the following topics (but not limited to): Semi- and nonparametric methods for time series analysis; Model selection methods; Statistical reliability analysis; Optimization techniques in statistics; Pattern recognition; Nonparametric functional estimation; Outlier detection methods; Nonparametric methods for copula estimation; Stochastic optimization; Bootstrap based techniques; Confidence intervals; Optimal experimental design.

Authors whose abstracts are accepted to the workshop will have the opportunity to give a 25-minute presentation at the workshop or present their work in a poster session.

2nd Annual Symposium on Large-Scale Inference
October 18, 2012
AFI Silver Theatre and Cultural Center, Silver Spring, MD
Host Organization: Social & Scientific Systems, Inc.
Keynote Speaker: Dr. Carl N. Morris, Professor of Statistics, Harvard University
RSVP: **e** LargeData@s-3.com

21st International Conference on Interdisciplinary Mathematics, Statistics and Computational Techniques (IMSCT 2012-FIM XXI)
December 15–17, 2012
Chandigarh, India
w http://imsct2012.puchd.ac.in/index.php
The conference is the twenty-first in a series of international conferences of the Forum for Interdisciplinary Mathematics (FIM). The academic program of the conference will consist of Symposia, Invited talks, Plenary talks, paper presentations, poster presentations, and PhD Scholar Best Paper award.

German-Polish Joint Conference on Probability Theory and Mathematical Statistics
June 6–9, 2013
Toruń, Poland
w http://www.gpps.umk.pl/
This will be an international conference sponsored jointly by the Stochastics Section of the German Mathematical Society and our Polish colleagues, and should be of interest to colleagues both in Europe and overseas.

Both Germany and Poland have a strong tradition in Probability Theory and Mathematical Statistics. There are many active collaborations between research groups in both countries. It is our intention to bring together scientists from our two countries, to get to know each other, to strengthen existing cooperations and to build further networks for future cooperations.

2013 Extreme Value Analysis conference
July 8–12, 2013
ShangHai, China
w http://eva.fudan.edu.cn
It is the aim of the conference to bring together a diverse range of researchers, practitioners, and graduate students whose work is related to the analysis of extreme values in a broad sense.

Employment Opportunities

The rest of the employment advertisements are on the next page

Germany: Goettingen
Max Planck Institute for Biophysical Chemistry
Group leader position: Statistical Inverse Problems in Biophysics
http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=10154999

Employment Opportunities around the world

[Continued from previous page]

Switzerland: Zurich
ETH Swiss Federal Institute of Technology Zurich: see display ad
http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=10096638

U.A.E.: Abu Dhabi
Khalifa University of Science, Technology, and Research
Founding Chair Department of Applied Mathematics and Sciences
http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=10132225

United Kingdom: Cambridge
University of Cambridge
The Professorship of Statistics
http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=9860254

United Kingdom: Coventry
University of Warwick
Research Fellow
http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=10121822

United Kingdom: Coventry
University of Warwick
Principal Teaching Fellow
http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=10121752

United Kingdom: Coventry
University of Warwick
Research Fellow
http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=10121674

United Kingdom: Durham
Durham University
Professor/Reader in Statistical Modelling of Ecological Processes
http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=10105599

United States: Auburn, AL
Auburn University
Associate Research Professor
http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=10060020

United States: Alexandria, VA
Institute for Defense Analyses
Research Analyst - Statistician
http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=10132315

United States: Seattle, WA
Fred Hutchinson Cancer Research Center
Post-Doctoral Research Fellow in Biostatistics/Statistics
http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=10132211

Switzerland: Zurich

ETH

Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

Professor of Applied Mathematics

The Department of Mathematics (www.math.ethz.ch) at ETH Zurich invites applications for a position in Applied Mathematics at the Full or Associate Professor level. The vacant position is within the Seminar for Applied Mathematics, SAM (www.sam.math.ethz.ch).

The successful candidate's mathematical results should have received wide international recognition. His or her results should be landmark contributions to mathematical modelling and/or efficient numerical simulation in engineering and the sciences. A strong algorithmic and computational component in his/her mathematical research is expected. The candidate should have demonstrated proficiency in conducting pioneering projects in applied mathematics. Together with other members of the Department, the new professor will be responsible for teaching undergraduate courses (German or English) and graduate courses (English) for students in Applied Mathematics and Computational Science and Engineering (CSE).

Please apply online at **www.facultyaffairs.ethz.ch**. Your application should include your curriculum vitae and a list of publications. The letter of application should be addressed **to the President of ETH Zurich, Prof. Dr. Ralph Eichler. The closing date for applications is 31 July 2012**. ETH Zurich is an equal opportunity and affirmative action employer. In order to increase the number of women in leading academic positions, we specifically encourage women to apply. ETH Zurich is further responsive to the needs of dual career couples and qualifies as a family friendly employer.

International Calendar of Statistical Events

IMS meetings are highlighted in maroon with the IMS 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

June 2012

June 1–22: Institute for Mathematical Sciences, National University of Singapore. **Financial Time Series Analysis: High-dimensionality, Non-stationarity and the Financial Crisis w** http://www2.ims.nus.edu.sg/Programs/012hidim/index.php

June 3–6: Guelph, Ontario, Canada. **SSC Annual Meeting w** TBC

June 3–6: Jekyll Island, Georgia, USA. **SRCOS 2012 Summer Research Conference w** http://www.sph.emory.edu/srcos2012/

NEW June 4–6: Rennes, France. **4th International Conference on Accelerated Life Testing and Degradation Models w** http://dupuy.perso.math.cnrs.fr/ALT2012.html

June 4–6: Stanford, CA, USA. **Progress on statistical issues in searches w** www-conf.slac.stanford.edu/statisticalissues2012

June 4–6: Mohamed First University, Oujda, Morocco. **International meeting on Statistical Analysis: Theory and Applications (JIASTA2012) w** http://sciences1.ump.ma/JIASTA2012

June 4–6: Eindhoven, The Netherlands. **Workshop on Parameter Estimation for Dynamical Systems w** http://www.few.vu.nl/~shota/peds2.php

June 4–8: University of Rouen, France. **International Workshop on Sequential Methods and their Applications (IWSM&A) w** http://www.univ-rouen.fr/LMRS/RMR12

June 4–8: Columbia University, New York. Conference on Probability, Control and Finance, to honor Prof. Ioannis Karatzas' 60th birthday **w** http://math.columbia.edu/procofin/

June 4–29: University of British Columbia, Vancouver, Canada. **PIMS-Mprime Summer School in Probability w** http://www.math.ubc.ca/Links/ssprob12/

June 5–8: Chania, Crete. **2nd Stochastic Modeling Techniques and Data Analysis International Conference w** http://www.smtda.net/

IMS June 9–12: Protaras, Cyprus. International Workshop on Recent Advances in Time Series Analysis (RATS2012) **w** http://euclid.mas.ucy.ac.cy/~rats2012/

June 9–15: Penn State University, PA, USA. **Algebraic Statistics 2012 w** http://www.math.psu.edu/morton/aspsu2012/

June 11–14: Inbal Hotel, Jerusalem, Israel. **International Workshop in Applied Probability 2012 w** http://www.reg.co.il/iwap

IMS June 13–15: Cambridge, MA. **19th IMS/ASA Spring Research Conference on Statistics in Industry and Technology w** http://www.stat.harvard.edu/SRC2012/

June 12–15: Nashville, Tennessee. **UseR! 8th International Meeting of R Users. w** http://www.R-project.org/useR-2012

June 14–15: Rochester, New York. **Symposium on Modeling Immune Responses from Complex Data w** https://cbim.urmc.rochester.edu/education/2012-symposium/

IMS June 15–19: Chalkidiki, Greece. **First Conference of the International Society for Nonparametric Statistics (ISNPS) w** http://www.isnpstat.org/

June 18–22: MIT, Cambridge, MA, USA. **2012 Stochastic Networks Conference w** http://stoch-nets-2012.lids.mit.edu/

June 18–29: St Petersburg, Russia. **St Petersburg School in Probability and Statistical Physics w** http://spspsp.chebyshev.spb.ru

June 20–24: Purdue University, West Lafayette, Indiana. **8th International Symposium on Statistics w** www.stat.purdue.edu

June 23–25: National Cheng Kung University, Taiwan. **Second International Conference on the Interface between Statistics and Engineering (ICISE2) w** http://conf.ncku.edu.tw/icise/

June 23–26: Boston, MA, USA. **ICSA 2012 Applied Statistics Symposium w** http://www.icsa.org/2012/

June 25–29: Kyoto, Japan. **2012 ISBA World Meeting w** http://www2.e.u-tokyo.ac.jp/~isba2012/

July 2012

IMS July 1–4: Tsukuba, Japan. **IMS Asia Pacific Rim Meetings. w** http://www.ims-aprm2012.org/

NEW July 2–4: Changchun, China. **International Conference on Quantitative Finance and Risk Management w** http://people.math.gatech.edu/~peng/qfrm/

July 3–5: University of Leeds, UK. **31st Leeds Annual Statistical Research (LASR) Workshop w** www1.maths.leeds.ac.uk/Statistics/workshop/lasr2012

July 3–6: Ottawa, Ontario, Canada. **International Symposium on Asymptotic Methods in Stochastics w** http://www.fields.utoronto.ca/programs/scientific/12-13/stochastics/index.html

July 3–6: Oslo, Norway. **Third biennial International Statistical Ecology Conference** w www.cees.uio.no/news/2010/isec2012.html

July 4–6: Vienna, Austria. **Statistical Inference in Complex/High-Dimensional Problems** w http://www.univie.ac.at/inference2012/

NEW July 9–13: Birmingham, Alabama. **Short Course on Statistical Genetics & Genomics** w http://www.soph.uab.edu/ssg/nigmsstatgen/second

July 9–14: Istanbul, Turkey. **IMS Annual Meeting 2012 in conjunction with 8th World Congress in Probability and Statistics.** w http://www.worldcong2012.org/

July 10–13: Stanford University, CA, USA. **MMDS 2012: Workshop on Algorithms for Modern Massive Data Sets** w http://mmds.stanford.edu

July 16–18: Memorial Univ, St. John's, Canada. **International Symposium in Statistics (ISS) on Longitudinal Data Analysis Subject to Outliers, Measurement Errors, and/or Missing Values** w www.iss-2012-stjohns.ca

July 16–18: Göttingen, Germany. **Recent Developments in Statistical Multiscale Methods** w http://www.stochastik.math.uni-goettingen.de/for916/SMM2012

July 16–20: Prague, Czech Republic. 27th International Workshop on Statistical Modelling w http://iwsm2012.karlin.mff.cuni.cz/

July 16–20: Będlewo (near Poznań), Poland. **Trends and Perspectives in Linear Statistical Inference** [LinStat 2012], and **21st International Workshop on Matrices and Statistics** [IWMS 2012] w http://linstat2012.au.poznan.pl/

July 16–27: Cornell, Ithaca, NY. **8th Cornell Probability Summer School** w http://www.math.duke.edu/~rtd/CPSS2012/

July 17–20: SAMSI, NC, USA. **Nonlocal Continuum Models** *[SAMSI Research Program]* w www.samsi.info

July 19–21: Winnipeg, Manitoba, Canada. **International Workshop on New Advances in Statistics: Theory and Applications** w https://www.stats.umanitoba.ca/events/new-advances-theory-applications

July 19–22: Stevens Institute of Technology, Hoboken, NJ, USA. **Modeling High Frequency Data in Finance 4** w http://kolmogorov.math.stevens.edu/conference2012/

July 23–24: NIMBioS at the University of Tennessee, Knoxville. **Modeling Dengue Fever Dynamics and Control** w http://www.nimbios.org/workshops/WS_dengue

July 23–27: University of Warwick, UK. **5th Probability at Warwick Young Researchers Workshop** w www2.warwick.ac.uk/fac/sci/statistics/research/paw/paw2012

July 26–28: University of California, San Diego, La Jolla, California. **14th IMS Meeting of New Researchers in Statistics and Probability** w http://math.ucsd.edu/~nrc2012/

July 28 – August 2: San Diego, California. **JSM2012.** w http://amstat.org/meetings/jsm/2012/index.cfm

NEW July 29 & August 1: JSM, San Diego. **2012 NISS/ASA Writing Workshop for Junior Researchers** w http://www.amstat.org/meetings/wwjr/registration/index.cfm?fuseaction=ShowApp

August 2012

August 5–8: Ann Arbor, Michigan, USA. **IEEE Statistical Signal Processing Workshop** w www.ssp2012.org

August 5–10: Vermont, USA. **International Conference on Robust Statistics 2012 (ICORS2012)** w http://www.rci.rutgers.edu/~dtyler/ICORS2012/

August 6–10: Seattle, WA, USA. **Ten Lectures on Statistical Climatology.** w http://www.statmos.washington.edu/wp/?p=42

August 6–11: Recife, Brazil. **16th Brazilian School of Probability** w http://www.de.ufpe.br/~xviebp/

August 6–17: SAMSI, NC, USA. **Computational Advertising** *[SAMSI Research Program]* w www.samsi.info

August 26–29: SAMSI, NC, USA. **Data-Driven Decisions in Healthcare** Opening Workshop w www.samsi.info

September 2012

September 3–7: Pavia, Italy. **Summer school: Stochastic Modelling for Systems Biology** w www.mi.imati.cnr.it/conferences/abs12.html

September 9–12: SAMSI, NC, USA. **Statistical and Computational Methodology for Massive Data Sets** Opening Workshop w www.samsi.info

September 9–22: Ulm University, Germany. **International Summer School on Advanced Stochastic Methods to Model Risk** w http://www.uni-ulm.de/mawi/summer-academy-2012/

NEW September 10–11: EIEF, Rome, Italy. **Workshop on New Developments in Econometrics and Time Series** w http://www.statistik.tu-dortmund.de/1740.html

NEW September 10–12: Bristol, UK. **High dimensional and dependent functional data** w http://sustain.bris.ac.uk/ws-fda/

NEW September 10–12: Leuven, Belgium. **Workshop on Modern Nonparametric Methods for Time Series, Reliability & Optimization** w http://homes.esat.kuleuven.be/~sistawww/mnm

Continues on page 30

International Calendar *continued*

NEW September 10–14: Bedlewo, Poland. **6th International Conference on Stochastic Analysis and its Applications** **w** http://bcc.impan.pl/6ICSA/

September 12–13: Statistical Center of Statistics Korea, Daejeon, South Korea. **4th International Workshop on Internet Survey Methods** **w** kostat.go.kr/iwis

NEW September 23–26: Ribno (Bled), Slovenia. **Applied Statistics 2012** **w** http://conferences.nib.si/AS2012

October 2012

IMS October 14–16: Duke University, NC, USA. **Third Workshop for Women in Probability** **w** www.math.duke.edu/~rtd/wwp12/WWP2012.html

NEW October 18: Silver Spring, MD. **2nd Annual Symposium on Large-Scale Inference** **e** LargeData@s-3.com

December 2012

NEW December 15–17: Chandigarh, India **21st International Conference on Interdisciplinary Mathematics, Statistics and Computational Techniques (IMSCT 2012-FIM XXI)** **w** http://imsct2012.puchd.ac.in/index.php

December 24–25: Burdwan, West Bengal, India. **Young Statisticians Meet:** An International Conference **w** http://www.buruniv.ac.in/Notices/UBUR_2012032_NOT_WEBPAGE.pdf

January 2013

NEW IMS January 6–10: Varanasi, India. **ISBA Regional Meeting and International Workshop/Conference on Bayesian Theory and Applications (IWCBTA)** **w** www.bhu.ac.in/isba

March 2013

IMS March 10–13: Orlando, Florida. **2013 ENAR/IMS Spring Meeting.** **w** http://www.enar.org/meetings.cfm

March 12–14: Brisbane, Australia. **NatStats 2013:** *"A better informed Australia: the role of statistics in building the nation"* **w** http://www.nss.gov.au/blog/natstats.nsf

June 2013

NEW June 6–9: Toruń, Poland. **German-Polish Joint Conference on Probability Theory and Mathematical Statistics** **w** http://www.gpps.umk.pl/

IMS June 10–14: Amsterdam, The Netherlands. **9th Conference on Bayesian Nonparametrics** **w** http://www.bnp9.win.tue.nl/

July 2013

NEW July 8–12: ShangHai, China. **2013 Extreme Value Analysis conference** **w** http://eva.fudan.edu.cn

July 20–25: Budapest, Hungary. **29th European Meeting of Statisticians (EMS2013)** **w** http://www.ems2013.eu

IMS July 29 – August 2: University of Colorado, Boulder, USA. **36th Conference on Stochastic Processes and their Applications** **w** http://math.colorado.edu/spa2013/

August 2013

IMS August 3–8: Montréal, Canada. **IMS Annual Meeting at JSM2013.** **w** http://amstat.org/meetings/jsm/

August 4–10: XVII Brazilian School of Probability (XVII EBP), Rio de Janeiro State, Brazil (exact location TBA). **w** http://www.im.ufrj.br/ebp17/ (under construction)

August 24–31: Hong Kong. **International Statistical Institute: 59th ISI World Statistics Congress** **w** www.isi2013.hk

October 2013

IMS October 15–16: Basel, Switzerland. **International Conference *Ars Conjectandi* 1713–2013** **w** http://www.statoo.ch/bernoulli13/

March 2014

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

July 2014

IMS July 7–11: Sydney, Australia. **2014 IMS Annual Meeting.** **w** TBC

See the full list at **imstat.org/meetings**

Membership and Subscription Information

Journals

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

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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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July 1, then **August 15**

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