



January/February 2012

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World Congress: register now

The eighth World Congress in Probability and Statistics (www.worldcong2012.org) will be held on July 9–14, 2012, in Istanbul, Turkey. Scheduled every four years, it is jointly organized by IMS and the Bernoulli Society. 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.

The congress will present recent developments and the state-of-the-art in a variety of modern research topics, with in-depth sessions on applications of these disciplines to other sciences, industrial innovation and society. It will feature several special plenary lectures (<http://www.worldcong2012.org/?p=speakers>: eight named lectures, five medalion lectures, and a public lecture) presented by leading specialists. In addition, there will be 40 invited sessions highlighting topics of current research interests, as well as a large number of contributed sessions and posters.

IMS President Ruth Williams provided information on the IMS initiatives available to help members attend the congress in the October/November *Bulletin*. These include the IMS **Laha Travel Awards** and **Childcare Initiative**, as well as the possibility of a US funding agency to help support junior researchers from US institutions to attend the Congress. More information on these and other funding opportunities is posted at http://www.worldcong2012.org/?p=financial_support.

The venue of the meeting is Grand Cevahir Hotel & Convention Center which has many conference amenities. The host city, Istanbul is more than 8,000 years old, and is a multi-cultural, easy to access and cosmopolitan city that bridges Europe and Asia. It has a unique cultural fusion of east and west, offering such famous cultural attractions as Hagia Sophia, Sultanahmet, Topkapı Palace and Maiden's Tower. Istanbul offers memorable historical tours and easy city transportation (including ground, underground, and sea transportation). For shopping, it has both old-style colorful bazaars and modern malls.

Furthermore, Istanbul is Europe's third-largest city (and the world's 21st), yet it is one of the safest cities, having the lowest crime rate among European capitals (research conducted by the EU Crime and Security Consortium). The host country, Turkey is a must-see place, famous for its hospitality, centrally-located, and with a developing economy and a young, vibrant population.

Abstract submission and registration are open now. The deadline for abstract submission is **March 16, 2012** (with notification of acceptance by April 1, 2012); the early registration deadline is **May 21, 2012**.

On behalf of the Program Committee and the Local Organizing Committee, we invite you to join us in Istanbul for this exciting event. With your participation, the 2012 World Congress will be a memorable meeting.

Elvan Ceyhan and Mine Çağlar, Co-chairs of the Local Organizing Committee, and Arnaldo Frigessi, Chair of the Program Committee

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IMS Members' News

Itai Benjamini to be Inaugural Schramm Lecturer

As announced in the last issue, the IMS and the Bernoulli Society have recently cooperated to create a new joint lecture in probability and stochastic processes, named in honor of Oded Schramm (1961–2008). The lecture will be given annually and will be featured at meetings (co)-sponsored by the IMS or the Bernoulli Society with a strong attendance by researchers in probability and stochastic processes.

Professor **Itai Benjamini**, Renee and Jay Weiss Chair in the Department of Mathematics at Weizmann Institute, Israel, will deliver the inaugural Schramm Lecture. Itai, who collaborated closely over many years with Oded, said he was “very touched by the invitation.”

Itai's Schramm Lecture will be delivered at the Stochastic Processes and their Applications meeting to be held in Boulder, Colorado, July 29 to August 2, 2013. See <http://math.colorado.edu/spa2013/> for more information.



Itai Benjamini

Symposium honours Johan Fellman

To honour Professor **Johan Fellman** on his 80th birthday, a symposium was arranged on November 25, 2011, at Hanken School of Economics, Helsinki, Finland. The program comprised: Professor Gunnar Rosenqvist (Hanken School of Economics, Finland): *Introduction*; Professor Kenneth Nordström (University of Oulu, Finland): *Convexity of the Inverse and Moore-Penrose Inverse*; and Professor Katarina Juselius (University of Copenhagen, Denmark): *On the Role of Theory and Evidence in Macro Economics*. See http://www.hanken.fi/public/en/finance_statistics_seminars_and_workshops#document2.

New Society for Non-Parametric Statistics

The International Society for Non-Parametric Statistics (ISNPS) was founded in 2010 by three IMS Fellows, **M.G. Akritas**, **S.N. Lahiri**, and **D.N. Politis**, with a mission, “to foster the research and practice of nonparametric statistics, and to promote the dissemination of new developments in the field via conferences, books and journal publications.”

ISNPS has a distinguished Advisory Committee that includes R. Beran, P. Bickel, R. Carroll, D. Cook, P. Hall, W. Hardle, R. Johnson, B. Lindsay, E. Parzen, P. Robinson, M. Rosenblatt, G. Roussas, T. SubbaRao, and G. Wahba, as well as a Charting Committee consisting of over 50 prominent researchers from all over the world. The nature of ISNPS is uniquely global, and its international conferences are designed to facilitate the exchange of ideas and latest advances among researchers from all around the world in cooperation with established statistical societies such as IMS and the ISI.

The First Conference of ISNPS is scheduled to take place in Chalkidiki, Northern Greece, June 15–19, 2012, and is co-sponsored by IMS and ISI: see www.isnpstat.org for more details. IMS members who are interested in the new society and/or its first conference may contact ISNPS at isnps@stat.tamu.edu

New Managing Editor for EJP/EC

There is a new Managing Editor for the joint IMS-Bernoulli Society journals *Electronic Journal of Probability* and *Electronic Communications in Probability*. Djalil Chafai takes over from Philippe Carmona for three years.

NISS News

NISS receives five-year grant from NSF for Triangle Census Research Network

The National Institute of Statistical Sciences (NISS) and Duke University have received a grant from the US National Science Foundation (NSF) and the US Census Bureau for the Triangle Census Research Network (TCRN). The award, one of eight nationwide under the NSF-Census Research Nodes program, is for nearly \$3 million and covers a five-year period. **Jerome Reiter** (who is the Mrs. Alexander Hehmyer Associate Professor of Statistical Science at Duke University) is principal investigator (PI) on the project; **Alan Karr** (director of NISS) is the co-PI.

The grant will be used to improve how federal statistical (“FedStats”) agencies disseminate data to the public and to researchers. Specifically, the TCRN will enhance FedStats agencies’ capabilities by developing broadly-applicable methodologies in three interrelated areas: (i) disseminating public use data with high utility and acceptable disclosure risk, (ii) handling missing data and correcting faulty data in large complex surveys, and (iii) integrating information from multiple data sources. The TCRN will also offer educational opportunities to postdoctoral fellows, graduate students, and statisticians at federal agencies, helping to train future leaders in data dissemination research and practice.

The FedStats agencies collect data of all kinds that affect many people, including the decennial census, unemployment numbers and the Consumer Price Index. NISS has been and is in collaboration with many of these agencies, including (in addition to the Census Bureau) the Bureau of Labor Statistics, the Bureau of Transportation Statistics, the Energy Information Administration, the National Agricultural Statistics Service, the National Center for Education Statistics and the National Center for Health Statistics. Among NISS’s achievements are methods used nationally to produce high school graduation rates and crop forecasts, as well as a plethora of techniques and tools that support dissemination of high quality information derived from confidential data.

By building on these achievements as well as creating new theory and methodology applicable to major Census Bureau data products, the TCRN’s research will improve the hundreds of secondary analyses of these datasets. The interdisciplinary team of the TCRN, which consists of statisticians, economists, political scientists and operations researchers, will use these data products to answer questions in aging, economics, and social welfare that have important implications for policy making.

“The TCRN will improve the way we handle missing and faulty data by integrating paradigms from statistics and operations research,” explained Karr, “The team will also develop nonparametric Bayesian approaches for multiple imputation of missing data in high dimensions with longitudinal and multi-level aspects, as well as address central issues in data integration.”

Festschrift for S. Rao Jammalamadaka

Professor **S. Rao Jammalamadaka**, an IMS Fellow, ISI Member and ASA Fellow, has been honored with *Advances in Directional and Linear Statistics: A Festschrift for Sreenivasa Rao Jammalamadaka*. This volume of papers, published by Springer-Verlag, consists of articles written by students, colleagues and collaborators from over 20 countries, and covers a variety of research topics of particular interest to him.

<http://www.springer.com/statistics/statistical+theory+and+methods/book/978-3-7908-2627-2>

 = 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://www.math.washington.edu/~ejpecp>

Electronic Communications in Probability: 

Anton Bovier

 <http://www.math.washington.edu/~ejpecp>

/ECP/index.php

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. Musielak, J. Rosiński, W. Szczotka, & W.A. Woyczyński

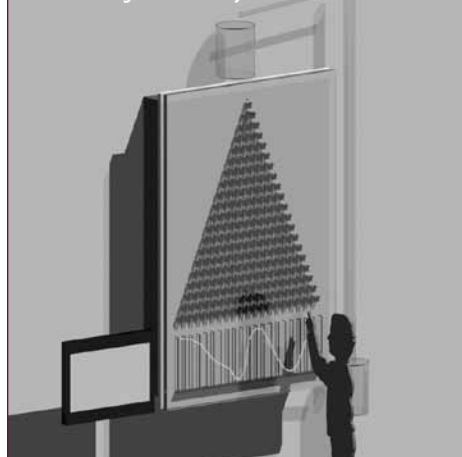
 <http://www.math.uni.wroc.pl/~pms>

Museum of Mathematics open to ideas

When we heard about the new Museum of Mathematics (MoMath) that is being built in New York, a museum that bills itself as “an exciting project that will change the face of American education in mathematics,” we naturally wanted to find out how statistics and probability will be represented...

George Hart is Chief of Content at MoMath. He responded, “We are in the midst of designing exhibits for our Fall 2012 opening and we plan to touch on many areas of mathematics, including probability and statistics. One exhibit concept on our drawing board is related to the Galton board, an exhibit that is probably familiar to your members, in which falling balls hit pins to make a series of independent left and right moves until they collect at the bottom of the exhibit in an approximate Gaussian distribution. In the variation we would like to build, the visitor first draws a probability distribution on a touch screen, then the pins of the exhibit

On the drawing board: an adjustable Galton Board



move slightly (under computer control) so that the falling balls now land with the given target distribution. We have some engineering work to make the pin mechanism sufficiently accurate, but it strikes us as an engaging exhibit idea with great potential for getting

people to think about probability and statistics. I'd be interested to hear if your readers have ever seen such an adjustable Galton

board elsewhere, and if they have suggestions for other exhibits we should include.” Email George at hart@momath.org.

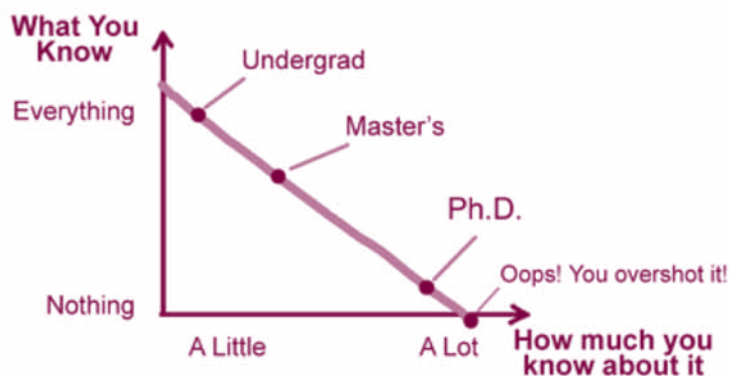
The Museum of Mathematics is a unique and innovative institution that strives to enhance public understanding and perception of mathematics as an evolving, creative, and aesthetic human endeavor. The Museum has secured space at the north end of Madison Square Park in Manhattan, and it will offer a wide variety of hands-on, interactive exhibits that will spark excitement and wonder in kids and adults of all ages. MoMath will be North America's only museum devoted to the wonders of mathematics and its many connections.

While the museum's space is being developed, they are already running several programs promoting math as interesting, exciting, and fun. MoMath's popular traveling exhibition, the Math Midway, is in the midst of a national and international tour, and the monthly Math Encounters presentation series routinely draws hundreds. The streets of Manhattan provide the perfect setting for inspiring math-themed walking tours, and three of the city's boroughs will play host to MoMath's exciting new math tournaments in the spring.

See <http://momath.org> for more information. And you can help the Museum open its doors by going to momath.org/contribute



What You Know vs How much you know about it



Piled Higher and Deeper, by Jorge Cham. This cartoon, originally published at www.phdcomics.com, echoes the sentiments in Terry Speed's last column. You can read what he has to say about looking—*really* looking—for solutions, in his column in page 13

OBITUARY: Charles B. Bell

1928–2010

Charles Bernard Bell, Jr. was born in New Orleans on August 20, 1928. To the statistical community he was affectionately called “Chuck.” He graduated from Xavier University at an early age, and then attended Notre Dame University where he earned a masters degree in mathematics and statistics in 1948, and a doctorate in 1953. His graduation was coupled with his marriage to Mary Drye of Los Angeles, California. Chuck was the first African-American to receive both masters and doctorate degrees from Notre Dame.

He worked as a research engineer at the Douglas Aircraft Company, but was more interested in an academic position and joined the faculty at Xavier University for two years before visiting Stanford University for a year. From 1958 to 1966 Chuck was on the faculty of San Diego State University and again from 1981 to 1992, at which time he retired. During the period from 1966 to 1981 he was at Case Western University (1966–1968), the University of Michigan (1968–1971), Tulane University (1971–1977), and the University of Washington (1977–1981).

Chuck loved languages, and conquered many. He could speak, read, and write in Spanish, German, Russian, Dutch, French, Italian, and Swahili. I remember on one of his visits to Stanford that he would talk to someone in one language, and turn around to someone else and speak in another language. In fact, he sought out international visitors in order to practice his multi-lingual conversational skills. As an example of this linguistic prowess, he co-authored four papers in Spanish, one in German, a monograph in French and one in Dutch.

Chuck and his family traveled extensively: to the Mathematical Institute in Amsterdam (1964); to the University of

Madrid (1964–1965); to the University of Vienna (1965); to the Institute of Statistics in the University of Paris (1965–1966); to the University of Erlangen (1966); to the University of Göttingen (1972); and to the University of Costa Rica (1986). He was a welcome visitor at Stanford, and visited during the summers of 1965, 1987, and 1991.

Throughout his life Chuck was interested and active in African-American affairs. He was Chair of the Minority Statisticians Committee of the American Statistical Association, and in 1968 worked with African mathematicians in Mombasa, Kenya. In 1969 he helped develop courses in mathematics for teachers in Nigeria, and in 1975, at Tulane, gave a workshop for black undergraduates.

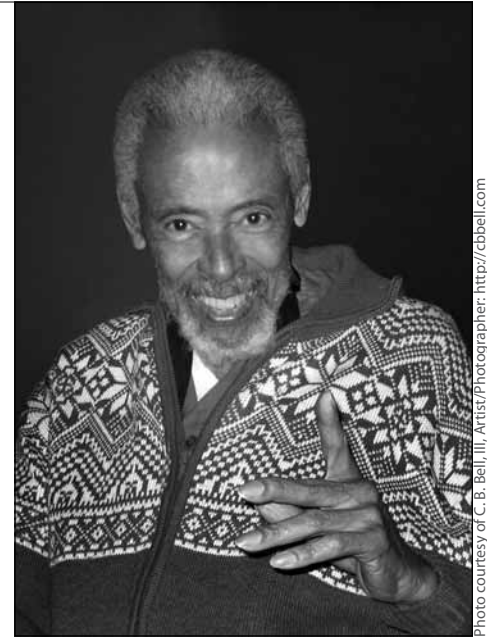
In 1974 the Mathematical and Physical Sciences Directorate of the National Science Foundation created a program in applied mathematics and statistics, and Chuck served as its second Program Director for statistics during 1975–76.

Chuck had a distinguished research career. His thesis was on “structures of (probability) measure spaces.” His early statistical work was on various nonparametric problems, and this remained an intermittent focus of his work.

Distribution-free tests occupied his attention in several papers:

- (i) structure of distribution-free statistics,
- (ii) characterization of multi-sample distribution-free statistics,
- (iii) “optimal” one-sample distribution-free tests,
- (iv) distribution-free tests of independence,
- (v) distribution-free tests of randomness.

A second general area of research was stochastic processes, e.g., uniform renewal processes, Weibull-type Poisson



Charles “Chuck” Bell, Jr.

Photo courtesy of C. B. Bell, III, Artist/Photographer: <http://cbbell.com>

processes, and Pareto renewal processes. During his career he published 39 papers. Chuck enjoyed collaborations, and wrote papers with 25 colleagues, one being David Blackwell. Honors include election as a Fellow of the American Statistical Association, the Institute of Mathematical Statistics, and Fulbright Fellow.

It was noted in an obituary written for the Mathematical Association of America that the Bell and Thomas families (Thomas was his mother’s maiden name) had relations who were teachers going back 125 years, contributing a total of 400 years of service to that profession. Both Chuck and Mary, who teaches French, continued this tradition.

Chuck died on October 26, 2010, in Los Angeles. He was predeceased by his daughter, Elaine E. Bell, and is survived by his wife of more than 56 years, Mary Drye Bell, his children Karen Bell Shirley and her husband Jensen H. Shirley, Roslyn A. Bell, C.B. Bell, III, and his granddaughters Jessica A. Shirley and Ebony K. Shirley.

All who knew him will remember his infectious laugh, his love of gumbo, his upbeat attitude, and his friendship.

Ingram Olkin, Stanford University

OBITUARY: Paul Meier

1924–2011

COLUMBIA UNIVERSITY professor emeritus Paul Meier, renowned for his work in applying statistics to medical research, died on Sunday, August 7, 2011, in New York City. He was 87. The former chairman of the Statistics department, Paul was a force in his intellectual pursuits as well as in his leadership of the department.

Paul took statistical tools and brought them to bear on some of the most important biological and medical questions that face society. Among Paul's best-known accomplishments is his seminal work in co-developing the Kaplan-Meier estimator with Edward Kaplan, which has been most widely applied in the medical field. The estimator is a method for retrieving the survival functions from life-time data. It has been used particularly for measuring survival rates in clinical trials data where some patients have been followed until death while others survived. The journal article explaining the Kaplan-Meier estimator remains one of the most cited papers in statistics and in medical research. The effects of the Kaplan-Meier estimator have been felt by tens of thousands of researchers, clinical trial participants, and the patients and families who have benefited from the research findings.

Additionally, Paul pioneered "randomization" in clinical trials. "When I said 'randomize' in breast cancer trials, I was looked at with amazement by my clinical colleagues," said Paul in an interview in 2004. "'Randomize? We know this treatment is better than that one,' they said. I said, 'Not really...'"

Due to his advocacy with the Food and Drug Administration, the National Institutes of Health and other government agencies, randomization is now the standard of evidence for clinical trials in the United States and across the globe.

Paul Meier was born in New York City on July 24, 1924. He received his bachelor's degree in physics and mathematics from Oberlin College in 1945. He then received his master's in mathematical logic from Princeton in 1947 and his doctorate in statistics in 1951.

Paul began his academic career at Lehigh University in 1948–9, followed by Johns Hopkins University until 1952. He then joined the statistics faculty at the University of Chicago, where he taught from 1957 to 1992. During his time at Chicago, Paul led the department as chairman and acting chairman for ten years. He retired as the Ralph and Mary Otis Isham



Paul Meier

Distinguished Service Professor Emeritus in Statistics before returning to New York City and joining the faculty at Columbia University by heading the Department of Statistics and Division of Biostatistics in the School of Public Health.

During his lifetime, Paul founded the Society for Clinical Trials and served on numerous health-related national committees, like the NIH Diet-Heart Feasibility Study Review Committee and clinical trial Data Monitoring Boards.

Paul is survived by his wife of 63 years, Louise Goldstone Meier, three children, Diane, Karen and Joan, and five grandchildren.

*Professor Shaw-Hwa Lo and
Professor David Madigan,
Department of Statistics,
Columbia University*



Anthony Dodd/Fotopedia

IMS Award Nominations

Nominate someone for *IMS Fellowship*, or to receive the *Harry C. Carver Award*. Or apply for the *Laha Travel Award* for travel to the World Congress in Istanbul.

All the details are at <http://imstat.org/awards>

Deadlines: Fellows January 31; Carver & Laha February 1

IMU wants input on journal ranking system

We would like to bring the following message to the attention of IMS members as it may be of interest, especially in view of Peter Hall's Presidential Address at JSM in August about assessing our professional works (see <http://bulletin.imstat.org/2011/09/presidential-address-peter-hall/>).

The International Mathematical Union (IMU) is asking for comments on the possibility of having a ranking scheme for mathematical journals. IMU and the International Council for Industrial and Applied Mathematics (ICIAM) jointly constituted a Working

Group to study the issue of whether and how both organizations should go forward with a Ranking of Mathematical Journals. After discussing the report at ICIAM 2011 in Vancouver, IMU and ICIAM decided to start a blog on mathematical journals: <http://blog.mathunion.org/rating>. Please consider a contribution to the ongoing discussion.

See the message below from the IMU Secretary, Martin Groetschel, to IMU-adhering organizations inviting comments on the possible ranking of mathematical journals:

Dear colleagues,

In implementation of Resolution 18 adopted by the IMU General Assembly in 2010:

"The General Assembly of the IMU asks the EC to create, in cooperation with ICIAM, a Working Group that is charged with considering whether or not a joint ICIAM/IMU method of ranking mathematical journals should be instituted, and what other possible options there may be for protecting against the inappropriate use of impact factors and similar manipulable indices for evaluating research."

The IMU and the ICIAM have created a joint working group to study the issue. The working group which was composed of N. Joshi, D. N. Arnold, C. Hutchins, J. D. S. Jones, M. MacCallum, P. Michor, S. Mueller, and T. Tang has finished its work and come up with a report that can be found on IMU's Web page at the following URL: <http://www.mathunion.org/publications/reports-recommendations>.

The working group examined the issue of why a rating of mathematical journals is desirable and submitted a detailed proposal for IMU/ICIAM journal rating. Before going ahead and taking any further action the IMU and ICIAM want to explore opinions on a larger scale and get as much input as possible from the mathematical community. That is why a "Blog on Mathematical Journals" (<http://www.mathunion.org/journals>) has been installed.

The blog is moderated by a group of 6 persons (D. Arnold, C. Hutchins, N. Joshi, P. Olver (chair), F. Planchon, T. Tang).

Everyone interested can submit his/her opinion through posting an article (e-mail to: journal.blog@mathunion.org) and/or forwarding a comment (add a comment to a posted article by typing in the "comments" window or sending e-mail to journal.blog@mathunion.org).

Please go to the mathematical journals blog and join the discussion of the issue.

IMU and ICIAM particularly ask you to spread the information about the report and blog on mathematical journals widely in your community. Input from a wide range of persons is necessary to discuss this important issue and prepare for the final decision process.

Best regards,

Martin Groetschel, IMU Secretary

Myrto Lefkopoulou Distinguished Lecture at Harvard

The annual Myrto Lefkopoulou Distinguished Lecture is named in memory of a former faculty member in Harvard's Department of Biostatistics who died of cancer in 1992, aged 34.

Each year the Lectureship is awarded to a promising biostatistical scientist who has made contributions to collaborative or methodologic research in the applications of statistical methods to biology or medicine and/or excellence in the teaching of biostatistics. Previous lecturers include Jeffrey Morris, David Dunson, Xihong Lin, Heping Zhang, Francesca Dominici, Jianqing Fan, Mark van der Laan, Geert Molenberghs, Marie Davidian, Danyu Lin, Bradley Carlin, Steven Goodman, Giovanni Parmigiani, Kathryn Roeder, Ronald Brookmeyer, Trevor Hastie, Hans-Georg Mueller, and Louise Ryan.

Nominations for the 2012 lectureship are solicited: please see <http://www.hsph.harvard.edu/biostats/events/awards/myrto/>

Deadline for nominations is **March 31, 2012**.

Recent papers

ELECTRONIC JOURNAL OF PROBABILITY Volume 16 (2011)

Access papers at <http://www.math.washington.edu/~ejpecp/>

Excursions and local limit theorems for Bessel-like random walks	KENNETH S. ALEXANDER
Can the adaptive Metropolis algorithm collapse without the covariance lower bound?	MATTI VIHOLA
Asymptotic Entropy of Random Walks on Free Products	LORENZ A. GILCH
Stochastic order and attractiveness for particle systems with multiple births, deaths and jumps	DAVIDE BORRELLO
Emergence of giant cycles and slowdown transition in random transpositions and k-cycles	NATHANAEL BERESTYCKI
A central limit theorem for random walk in a random environment on a marked Galton-Watson tree	GABRIEL FARAUD
Integrability of Seminorms	ANDREAS BASSE-O'CONNOR
Relaxation schemes for interacting exclusions	CHRISTOPHE BAHADORAN, JOZSEF FRITZ AND KATALIN NAGY
A new probability measure-valued stochastic process with Ferguson-Dirichlet process as reversible measure	JINGHAI SHAO
On two-dimensional random walk among heavy-tailed conductances	JIRÍ ČERNÝ
Bulk scaling limit of the Laguerre ensemble	STEPHANIE JACQUOT AND BENEDEK VALKO
A central limit theorem for random ordered factorizations of integers	HSIEN-KUEI HWANG AND SVANTE JANSON
Central Limit Theorems and Quadratic Variations in terms of Spectral Density	HERMINE BIERMÉ, ALINE BONAMI AND JOSÉ R. LEON
Survival probability of the branching random walk killed below a linear boundary	JEAN BÉRARD AND JEAN-BAPTISTE GOUÉRÉ
Explicit expanders with cutoff phenomena	EYAL LUBETZKY AND ALLAN SLY
Stochastic order methods applied to stochastic travelling waves	ROGER TRIBE AND NICHOLAS WOODWARD
(Non)Differentiability and Asymptotics for Potential Densities of Subordinators	LEIF DÖRING AND MLADEN SAVOV
Mirror coupling of reflecting Brownian motion and an application to Chavel's conjecture	MIHAI N PASCU
Sharp and strict L^p -inequalities for Hilbert-space-valued orthogonal martingales	ADAM OSEKOWSKI
Collision local time of transient random walks and intermediate phases in interacting stochastic systems	MATTHIAS BIRKNER, ANDREAS GREVEN AND FRANK DEN HOLLANDER
Law of large numbers for a class of random walks in dynamic random environments	LUCA LA AVENA, FRANK DEN HOLLANDER AND FRANK REDIG
Convergence of Rescaled Competing Species Processes to a Class of SPDEs	SANDRA M KLIEM
A Theory of Hypocoellipticity and Unique Ergodicity for Semilinear Stochastic PDEs	MARTIN HAIRER AND JONATHAN C MATTINGLY
Random Gaussian sums on trees	MIKHAIL LIFSHITS AND WERNER LINDE
Asymptotic analysis for stochastic volatility: Edgeworth expansion	MASAAKI FUKASAWA
Quenched limits and fluctuations of the empirical measure for plane rotators in random media	ERIC LUÇON
Representation theorem for generators of BSDEs with monotonic and polynomial-growth generators in the space of processes	SHENGJUN FAN, LONG JIANG AND YINGYING XU
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The OLDENBOURG Journal

STATISTICS & DECISIONS

will broaden its scope in 2011 and therefore
receive a new title:

STATISTICS & RISK MODELING

with APPLICATIONS in FINANCE and INSURANCE

Under the newly adapted orientation, the journal is open for a broader group of authors. It closes the gap between statistics and risk theory and includes applications. The new orientation is reflected for the first time in issue 3 of 2011. For further issues we are looking forward to receive your contributions!

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Terence's Stuff: Looking

In this column, Terry Speed argues against the temptation to avoid looking *hard* at larger data sets. Seek...and find answers!



Me: “Is there any evidence of x effects in the data?”

Them: “No.”

Me: “Have you looked?”

Them: “No.”

I’ve had this conversation many times, where x = batch, temporal, spatial, machine, reagent, operator or other effects, and I expect to have it again. Why? Perhaps people want to reverse Matthew 7:7 into, “Don’t seek, and you won’t find”, as they expect that whatever they do find will be bad. Perhaps they don’t dare look at their data before they formulate their model and address the questions of interest, lest their looking will invalidate their answers. (It may, but that may also be right.) I think the style of some of our teaching (statistician as police officer, or keeper of the disciplinary faith) and some (regulatory) practice encourages such a view.

I prefer to go with Yogi Berra, who said *You can see a lot by just looking*. One of the reasons I’m so keen on looking is that in my data-rich world there are *always* things to find, and that can be fun. I call them artifacts, though features might be a more positive term (*cf* the 1970s quip: Is it a bug or a feature?). The question for me is not, “Are there artifacts in my data?” for the answer to this question is invariably, “Yes!” What concerns me is whether they are a major problem.

On a related point, one of the things I’ve noticed over time is that as we get confronted with more and more data, we tend to look at it less and less. It *should* be the other way around.

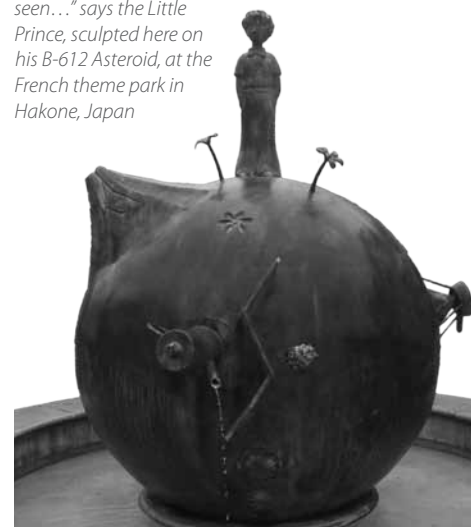
Do some people have a problem looking at large data sets, and if so, why? I think the answer is yes, some do, and I offer a few possible reasons. One is that large data sets are frequently produced by complex, multi-step processes, involving technologies that can be a challenge to understand. As a result, like the Little Prince—*Quand le mystère est trop impressionnant, on n’ose pas désobéir*—people take such data at face value. Another possibility is a blind faith in numbers, a feeling that if there is a *lot* of data, the answer that falls out must be overwhelmingly more probable than any of the alternatives, and that no artifact will change the conclusions. My third reason is that we all need to *think harder*, because simply repeating what we used to do with 10 variables is not an option when we have 10,000 variables. A change in perspective is required. Rather than looking at all our data, doing some analyses and finishing off with further looks, with large data sets the first step is reduced, we need a much more thorough third step. That is, our focus needs to be more on looking for things that might change our conclusions, not things that support (or fail to support) our assumptions. Also, we may be unsure what to do if we see problems. Or, perhaps now there’s so much data that no single set seems to warrant as careful consideration as it might have in the past, before we move on.

None of these reasons should be entertained. We must work hard to understand our measurement processes, artifacts are frequently the largest effects, there are some good ways of looking, and of responding when we find something untoward, and we should use them, though more ways will always be welcomed. Lastly, there is no reason to become complacent: some large data sets can be very rich indeed, and deserve thorough examination.

How should we seek, and what can we

do when we find? In the last decade much use has been made of histograms or *qq*-plots of test statistics or *p*-values. These are valuable indicators of the health of an analysis: if your *p*-value distribution has problems, your analysis has problems. Also useful are negative controls, variables that should be unaffected by your treatments; and positive controls, which are variables that should be affected by treatments in known ways. If your controls don’t behave as expected, then you have a problem, and something needs to be done. Further, most large data sets have other information, sometimes called metadata, part of which might be associated with your final estimates, test statistics or *p*-values. Your task is to decide wisely which are worth looking at, and then to do so. There are statistical ways to try to deal with known or unknown artifacts, which don’t necessarily require that you understand how they arose. You should seek evidence of their fingerprints, and do something about that. Explanations *may* come later, as in the “Wednesday effect” in Primo Levi’s *Silver* or the “method effect” in Lord Rayleigh’s *Anomaly Encountered in Determinations of the Density of Nitrogen Gas*. Seek, find and fix, perhaps understand.

“The thing that is important is the thing that is not seen...” says the Little Prince, sculpted here on his B-612 Asteroid, at the French theme park in Hakone, Japan



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/>

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; Arnaldo Frigessi, Chair of the Program Committee.

Registration
and abstract submission now open at
www.worldcong2012.org

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!

At a glance:

*forthcoming
IMS Annual
Meeting and
JSM dates*

2012

IMS Annual Meeting

@ World Congress:

Istanbul, 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

Joint Statistical Meetings, 2012–2015

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

January 13: CTW proposal deadline

February 1: Deadline for abstracts for IOLs, invited posters, topic-contributed and regular contributed abstracts, and roundtables

May 10: Draft manuscript deadline

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/>

Two important JSM 2012 deadlines

explained by Fang Yao:

TOPIC-CONTRIBUTED SESSION PROPOSALS

Topic-contributed session proposal submission for JSM 2012 is now open until **January 11, 2012**. For further information:

<http://www.amstat.org/meetings/jsm/2012/topiccontributed.cfm>

GENERAL ABSTRACT SUBMISSION

General abstract submission is open until **February 1, 2012**:

submit at <http://www.amstat.org/meetings/jsm/2012/abstracts.cfm>



NEW

NEW

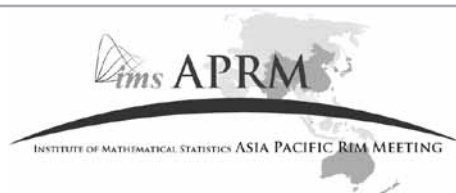
IMS sponsored meeting

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
 Since the massive earthquake struck Japan in March 2011, the local organizing committee and the scientific program committee decided to postpone the meeting until next year. We have rescheduled it to **July 1–4, 2012**, and moved it to Tsukuba, the science city and academic center of Japan, which is about 60km from Tokyo.

We hereby cordially invite you all to attend the meeting next year, when we are certain that you will witness a strong recovery of Japan from one of the most severe natural disasters in recent history.

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



IMS co-sponsored meeting

8th Cornell Probability Summer School**July 16–27, 2012****Cornell University, Ithaca, NY****w** <http://www.math.duke.edu/~rtd/CPSS2012/index.html>

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.

The conference web page above will soon have more information, and a registration form for people who would like to participate. All accepted participants will have their dorm room paid for. US participants can apply for \$400 toward the cost of meals. This meeting is supported by a Research Training Group grant from the National Science Foundation to the probability group at Cornell. This will be last meeting organized by Rick Durrett but the conference series will continue for at least one more year.

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

IMS co-sponsored meeting

36th Conference on Stochastic Processes and their Applications**July 29 – August 2, 2013****University of Colorado, Boulder, USA****w** <http://math.colorado.edu/spa2013/>**ENAR, 2012–2015**

IMS sponsored meeting

2012 ENAR/IMS Spring Meeting**April 1–4, 2012****Washington DC, USA****w** <http://www.enar.org/meetings.cfm>

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

Southeastern Probability Conference**May 14–15, 2012, Duke University, NC****w** TBC

The conference is timed for the Monday and Tuesday after Duke graduation. It will alternate with UNC Chapel Hill. IMS Rep Rick Durrett.

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 Representatives on the program committee are Hans Künsch and Lutz Dümbgen.

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/) <http://math.ucsd.edu/~nrc2012/>

The Meeting of New Researchers in Statistics and Probability is an annual conference organized under the auspices of the Institute of Mathematical Statistics (IMS). The 14th edition will be held on July 26–28, 2012, at the University of California, San Diego. The purpose of the conference is to promote interaction and networking among new researchers in these fields. The participants will present their research via a short expository talk or a poster and mingle throughout the day. There will be longer talks by senior researchers, as well as panels on teaching, on mentoring of graduate students, on publishing and on grant writing.

Note that the meeting is to be held just prior to the 2012 JSM in downtown San Diego, about ten miles from the conference site of the UCSD campus in La Jolla.

Anyone who has received a PhD in or since 2007, or expects to receive a PhD by the end of 2012, is eligible to attend, though participation is by invitation only. To apply, please submit a letter of interest, curriculum vitae (both in PDF format), as well as a title and an abstract of your presentation, via our website above.

Deadline for receipt of applications is **February 1, 2012**. Please apply promptly since the number of participants is limited. Higher priority will be given to first time participants. Women and minorities are encouraged to apply. Also, contingent on the availability of funds, we anticipate being able to provide some support for travel and/or housing costs. However, we strongly encourage participants to seek partial funding from other sources.

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) <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 October 14–16, 2012

Duke University, NC, USA

[w](http://www.math.duke.edu/~rtd/wwp12/WWP2012.html) 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. There will be partial support for travel expenses. Over time more details will be available on the conference web page. This meeting is co-sponsored by the IMS. If you have questions you can contact the local organizers Rick Durrett and Jonathan Mattingly.

IMS co-sponsored meeting

Workshop on Analysis of High-Dimensional and Functional Data May 19–20, 2012

Davis, California

IMS Rep on Program Committees: Hans-Georg Müller

[w](http://www.stat.ucdavis.edu/~mueller/peterhall2012/) <http://www.stat.ucdavis.edu/~mueller/peterhall2012/>

The Department of Statistics will host a workshop in honor of our most distinguished colleague Peter Hall, to celebrate his 60th birthday. The workshop will serve as a forum to discuss recent developments in the rapidly evolving areas of analysis of high-dimensional and functional data and related topics, including theory, methods and applications.

Registration (free) is required: please see the link at the website above.

IMS co-sponsored meeting

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

Protaras, Cyprus

[w](http://euclid.mas.uct.ac.cy/~rats2012/) <http://euclid.mas.uct.ac.cy/~rats2012/>

IMS Rep Dimitris Politis

Other meetings around the world



IEEE Statistical Signal Processing Workshop

August 5–8, 2012

Ann Arbor, Michigan, USA

w www.ssp2012.org

e contact@ssp2012.org

The scientific program of SSP 2012 will include invited plenary talks and regular and special sessions with contributed research papers. All accepted papers will be published on IEEE Xplore. Scope of the workshop includes:

- * Adaptive systems and signal processing
- * Monte Carlo methods
- * Detection and estimation theory
- * Learning theory and pattern recognition
- * Multivariate statistical analysis
- * System identification and calibration
- * Time-frequency and time-scale analysis
- * Network and graph analysis
- * Random matrix theory
- * Compressed sensing
- * Applications

NatStats 2013

A better informed Australia:

the role of statistics in building the nation

March 12–14, 2013

Brisbane, QLD, Australia

w <http://www.nss.gov.au/blog/natstats.nsf>

NatStats 2013 will build on the enthusiasm and passion generated throughout the previous two NatStats conferences held in 2010 and 2008, focusing on a collaborative approach to national statistics for Australia. The conference will provide a unique opportunity for key stakeholders from across the statistical community to help build a strong and vibrant National Statistical Service (NSS) in Australia.

The conference will explore what nation building means to Australia, and how statistics are critical in informing the decisions which shape all aspects of our future. NatStats 2013 will also explore a range of issues and challenges impacting on Australia's future sustainability: demands for infrastructure; resources and the environment; regional priorities; and supporting social policy decisions.

It is expected that over 500 delegates will participate in NatStats 2013, bringing together leaders and commentators, researchers and policy makers from government, academia, community and business.

Third Linnaeus University Workshop in Stochastic Analysis and Applications

May 24–25, 2012

Växjö, Sweden

w <http://lnu.se/institutioner/institutionen-for-datavetenskap-fysik-och-matematik/konferenser/lsaa---stochastic-analysis-and-applications/lsaa2012> [...or a shorter URL: **w** <http://tinyurl.com/lsaa2012>]

Welcome to the third Linnaeus University Workshop in Stochastic Analysis and Applications to be held in Växjö, Sweden, 24–25 May 2012. The International Center for Mathematical Modelling in Physics, Engineering and Cognitive Sciences (ICMM) at Linnaeus University invites all interested to the third Linnaeus University Workshop in Stochastic Analysis and its Applications (LSAA).

This two-day workshop deals with analytical and numerical results of stochastic models. It addresses two topics of intensive and growing research activities:

- Model Uncertainty and Non-Linear Expectation, with many important applications in financial mathematics.
- Time-Series Econometrics. In 2003, Granger and Engle received the Nobel Prize in Economics for their research in Time-Series Econometrics.



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WE'LL SHARE IT WITH THE WORLD!

EMAIL BULLETIN@IMSTAT.ORG

Other meetings around the world

Symposium on Modeling Immune Responses from Complex Data

June 14–15, 2012

University of Rochester Medical Center,
Rochester, New York

w <https://cbim.urmc.rochester.edu/education/2012-symposium/>
NIH-funded University of Rochester Center for Biodefense Immune Modeling will host a symposium on modeling immune responses with three main themes:

- 1) bioinformatics modeling for immunology;
- 2) bridging immunology and mathematics; and
- 3) bridging immunological data and mathematical models – statistical methods.

Invited plenary speakers are Fiona Brinkman (Simon Fraser University), Rob de Boer (Utrecht University), Elizabeth Halloran (University of Washington), Alan Perelson (Los Alamos National Lab), and Eberhard O. Voit (Georgia Tech).

Travel awards: submission deadline April 15, 2012

Graduate students and post-doctoral fellows are eligible to apply for travel support. Travel awards cover transportation, hotel and registration. Breakfasts and lunches provided by event. Dinners are on your own. Airline travel supported by the awards must be booked by the CBIM. A copy of CV and letter of recommendation from advisor are required for all travel award applicants. Poster abstract required for symposium travel award applicants. Please contact Jeanne Holden-Wiltse **e** Jeanne_wiltse@urmc.rochester.edu with any questions.

For more information, see symposium website above.

2nd Stochastic Modeling Techniques and Data Analysis International Conference (SMTDA 2012)

June 5–8, 2012

Chania, Crete, Greece

w <http://www.smta.net>

This is a reminder for abstract submission and special and invited sessions proposals for the 2nd Stochastic Modeling Techniques and Data Analysis International Conference.

Related information is at the website. See also the Special and Invited Sessions webpage and send your proposals and abstracts to: secretariat@smta.net

Plenary and Keynote Talks

Narayanaswamy Balakrishnan (McMaster University, Canada): *Cure Rate Models and Associated Inferential Complexities and Some Solutions*

Hans-J. Lenz (Freie University, Germany): *Data Cleansing at the Data Entry to assert Semantic Consistency*

Bruce G. Lindsay (The Pennsylvania State University, USA): *On using an eigen-analysis of Fisher's information matrix to perform projection pursuit*

Jie Xiong (University of Tennessee, USA): *Stochastic filtering and optimal control*

Conference Topics

The Stochastic Modeling Techniques and Data Analysis International Conference (SMTDA) main objective is to welcome papers, both theoretical or practical, presenting new techniques and methodologies in the broad area of stochastic modeling and data analysis. An objective is to use the methods proposed for solving real life problems by analyzing the relevant data. Also, the use of recent advances in different fields will be promoted such as for example, new optimization and statistical methods, data warehouse, data mining and knowledge systems, computing-aided decision supports and neural computing.

Particular attention will be given to interesting applications in engineering, productions and services (maintenance, reliability, planning and control, quality control, finance, insurance, management and administration, inventory and logistics, marketing, environment, human resources, biotechnology, medicine, ...).



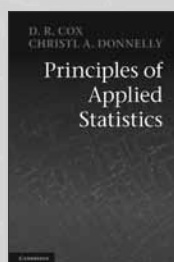
Above: an alleyway in Chania's old town

Below: the historic town with Venetian architecture



CAMBRIDGE

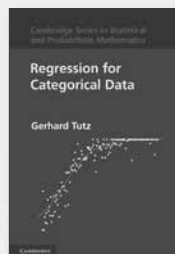
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D. R. Cox

\$110.00: Hb: 978-0-521-86673-6: 236 pp.
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John F. Monahan

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\$55.00: Pb: 978-0-521-13951-9**Stochastic Processes**

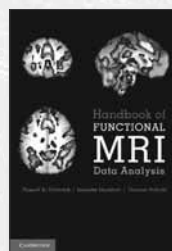
Richard F. Bass

\$75.00: Hb: 978-1-107-00800-7: 400 pp.

New in Paperback!**Elements of Distribution Theory**

Thomas A. Severini

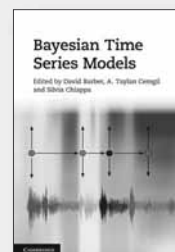
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Jeanette A. Mumford,
Thomas E. Nichols\$80.00: Hb:
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Stochastic Networks**

F. P. Kelly

Cambridge Mathematical Library

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**Random Fields on
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Note Series*

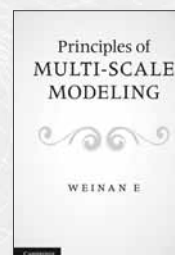
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Mrinal K. Ghosh*Encyclopedia of Mathematics and its
Applications*

\$115.00: Hb: 978-0-521-76840-5: 335 pp.

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Modeling**

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978-1-107-09654-7: 488 pp.

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Employment Opportunities around the world

Australia: Sydney

University of Technology Sydney

Professor of Official Statistics

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=9152386

China: Macau

University of Macau

Academic Positions in Mathematics

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=9054813

China: Shanghai

Shanghai Jiao Tong University, Department of Mathematics and Institute of Natural Sciences

Faculty in Statistics

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=9012237

New Zealand: Dunedin

AgResearch Ltd

Statistician or Senior Statistician

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=9148154

Switzerland: Lausanne

Swiss Federal Institute of Technology, Lausanne (EPFL)

PhD Position in Statistics/Applied Probability at EPFL

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=9102768

Taiwan: Taipei

National Taiwan University, Department of Mathematics

All ranks

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=9014468

U.A.E.: Abu Dhabi

Khalifa University

DEPARTMENT CHAIR

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=9031813

United Kingdom: Cambridge

University of Cambridge, Department of Pure Mathematics and Mathematical Statistics

University Lectureship in Probability

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=9102814

Switzerland: Zürich

ETH

Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

Professor of Statistics

The Department of Mathematics (www.math.ethz.ch) at ETH Zurich invites applications for a Full or Associate Professor of Statistics.

We are seeking candidates with an internationally recognized research record in any area of statistics and a proven ability to direct research of high quality with an impact on applications in Natural Sciences or Engineering. The Department of Mathematics and ETH Zurich with its various other departments offer an excellent environment for mathematical, computational, and interdisciplinary research in statistics.

Together with colleagues of the Institute for Statistics and the Department, the new Professor will be expected to teach undergraduate level courses (German or English) and graduate level courses (English) in statistics and mathematics for students of Mathematics, Engineering, and Natural Sciences.

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 29 February 2012. With a view towards increasing the number of women in leading academic positions, ETH Zurich specifically encourages women to apply.

Employment Opportunities around the world

United Kingdom: Cambridge

University of Cambridge, Department of Pure Mathematics and Mathematical Statistics

Postdoctoral Research Fellowships in Probability (2 posts)

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=9102762

United Kingdom: Cambridge

Statistical Laboratory, University of Cambridge

Postdoctoral Research Fellowship in Statistics

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=9201572

United States: Tucson, AZ

Pima Community College District

Mathematics Faculty: Multiple Campuses

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=9062536

United States: Fort Collins, CO

Department of Statistics, Colorado State University

Special Appointment Faculty Position

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=9075682

United States: Storrs, CT

University of Connecticut, Department of Statistics

Assistant Professor

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=9136413

United States: Storrs, CT

University of Connecticut

Assistant/Associate Professor

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=9177882

United States: Chicago, IL

University of Chicago, Department of Statistics

Assistant Professor

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=8879991

United States: DeKalb, IL

Northern Illinois University

Assistant Professor in Actuarial Science

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=9046474

United States: DeKalb, IL

Northern Illinois University

Assistant Professor

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=9060922

United States: Boston, MA

Dana Farber Cancer Institute

Assistant/Associate Professor, Department of Biostatistics and Computational Biology

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=9057697

United States: Cambridge, MA

Harvard University Statistics Department

Assistant, Associate or full Professor of Statistics

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=9119473

United States: Albuquerque, NM

University of New Mexico Mathematics and Statistics

Open Rank Faculty

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=9137138

United States: Ithaca, NY

Cornell University

Assistant or Associate Professor

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=9113003

United States: Syracuse, NY

Le Moyne College

Assistant Professor - Mathematics

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=9223679

United States: Portland, OR

Portland State University

Maseeh Professorship in Mathematical Sciences

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=9100435

United States: Portland, OR

Portland State University

Assistant Professor in Statistics

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=9101049

United States: Philadelphia, PA

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Additional information is available from the department websites at: www.fox.temple.edu/dept/statistics/

Temple University is an Equal Opportunity/Affirmative Action Employer and specifically invites applications from women and minorities.

United States: Pittsburgh, PA**Carnegie Mellon University**

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

United States: Bethlehem, PA**Lehigh University**

Quantitative Methods for Smart Grid Systems

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=9169991

United States: Denton, TX**University of North Texas, Department of Mathematics**

Tenure-track assistant professor and tenured associate or full professor in statistics

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=9080093

United States: Lubbock, TX**Texas Tech University**

Statistics Faculty

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=9191326

United States: Alexandria, VA**Institute for Defense Analyses**

Research Analyst: Statistician

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=9190594

United States: Seattle, WA**Fred Hutchinson Cancer Research Center**

Post-Doctoral Research Fellow/Statistics (ML-24202)

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=9136946

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International Calendar of Statistical Events

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

January 2012

January 1–6: Hyderabad, India. **22nd Annual Conference of The International Environmetrics Society** **w** www.ties2012.com/

January 2–4: Kolkata, India. **Contemporary Issues and Applications of Statistics (CIAS2012)** **w** <http://www.isical.ac.in/~cias>

January 2–14: Santiago de Chile and Buenos Aires, Argentina. **Pan-American Advanced Studies Institute (PASI): Topics in percolative and disordered systems.** **w** <http://pasi2012.mat.puc.cl>

January 23–25: Lunteren, The Netherlands. **11th Winter School on Mathematical Finance.** Special topics: Systemic risk and Volatility models. **w** <http://staff.science.uva.nl/~spreij/winterschool/winterschool.html>

January 23–27: Centre International de Rencontres Mathématiques (CIRM), Marseille, France. **Concentration inequalities and their applications** **w** <http://www.cirm.univ-mrs.fr/>

February 2012

February 1–3: Karlsruhe, Germany. **Time Series: Models, Breaks and Applications** **w** <http://ts-mba.math.kit.edu/>

February 13–17: Sydney, Australia. **MCQMC 2012** **w** <http://www.mcqmc2012.unsw.edu.au/>

February 29 – March 2: Santa Fe, NM. **Conference on Data Analysis (CoDA)** **w** <http://cnls.lanl.gov/coda>

March 2012

March 14–16: Hong Kong. **IAENG International Conference on Data Mining and Applications 2012** **w** www.iaeng.org/IMECS2012/ICDMA2012.html

March 26–30: Viña del Mar, Chile. **XII Latin American Congress of Probability and Mathematical Statistics (CLAPEM)** **w** <http://clapem2012.mat.puc.cl>

March 30–31: Washington DC. **Information and Econometrics of Networks** **w** www.american.edu/cas/economics/info-metrics/workshop/workshop-2012-spring.cfm

April 2012



 **April 1–4:** Washington DC, USA. **2012 ENAR/IMS Spring Meetings.** **w** <http://www.enar.org/meetings.cfm>


April 16–19: University of Bristol, UK. **Confronting Intractability in Statistical Inference** **w** <http://www.sustain.bris.ac.uk/ws-Intractability/>

April 18–20: Poznań, Poland. **International Congress of Polish Statistics** to celebrate the 100th anniversary of the Polish Statistical Association **w** <http://www.stat.gov.pl/pts/>

May 2012

 **May 14–15:** Duke University, NC. **Southeastern Probability Conference** **w** TBC

  **May 19–20:** Davis, California. **Workshop on Analysis of High-Dimensional and Functional Data, in honor of Peter Hall** **w** <http://www.stat.ucdavis.edu/~mueller/peterhall2012/>

 **May 24–25:** Växjö, Sweden. **3rd Linnaeus University Workshop in Stochastic Analysis and Applications** **w** <http://tinyurl.com/Isaa2012>

May 21–25: Brussels, Belgium. **44th Journées de Statistique** **w** <http://jds2012.ulb.ac.be/>

  **May 30 – June 1:** Université catholique de Louvain, Belgium. **Quantitative Methods in Statistics, Biostatistics and Actuarial Sciences** **w** <http://www.uclouvain.be/393243.html>

May 31 – June 2: Pittsburgh, PA. **Sixth international workshop on Statistical Analysis of Neural Data (SAND6)** **w** <http://sand.stat.cmu.edu>

June 2012


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

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 (SMTDA)** **w** <http://www.smta.net/>

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

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

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. **The 2012 Stochastic Networks Conference** **w** <http://stoch-nets-2012.lids.mit.edu/>

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

June 23–26: Boston, MA, USA. **ICSA 2012 Applied Statistics Symposium.** **w** TBC


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

July 2012

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


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

 **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 16–18:** Memorial University, 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 16–20: Prague, Czech Republic. **27th International Workshop on Statistical Modelling** **w** <http://iws2012.karlin.mff.cuni.cz/>

July 16–20: Będlewo (near Poznań), Poland. **International Conference on 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 University, Ithaca, NY. **8th Cornell Probability Summer School** **w** <http://www.math.duke.edu/~rtd/CPSS2012/index.html>

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

 **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>

August 2012

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

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 [SAMSI Research Program] Opening Workshop** **w** www.samsi.info

International Calendar *continued*


September 2012

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

October 2012

NEW  October 14–16: Duke University, NC, USA. **Third Workshop for Women in Probability**
w www.math.duke.edu/~rtd/www12/WWP2012.html

March 2013

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

NEW 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>

July 2013

 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

 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

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

March 2014

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

July 2014

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

August 2014

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


August 2015

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

July 2016

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

July 2017

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

Are we missing something? If you know of any statistics or probability meetings which aren't listed here, please let us know. Email the details to Elyse Gustafson at erg@imstat.org. We'll list them here in the *Bulletin*, and online too, at www.imstat.org/meetings

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

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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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