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IMS Bulletin

January/February 2017

CONTENTS

1 **President's Message**

2–3 **Members' News:** Alicia Carriquiry, Michael Kosorok, Dale Preston, Frank Samaniego, Hal Stern, Anastasios Tsiatis, Xiao-Hua Zhou, Lixing Zhu; Charles Stein, Stephen Fienberg, Sastry Pantula. **New Editor's message**.

3 **Profile:** Steve Evans

5 **IMS awards; Childcare Initiative; COPSS awards**

8 **Recent papers:** *Electronic Journal of Probability; Electronic Communications in Probability*

12 **Journal news:** *Statistical Science; Observational Studies*

13 **Meetings**

19 **Employment Opportunities**

24 **International Calendar**

27 **Information for Advertisers**

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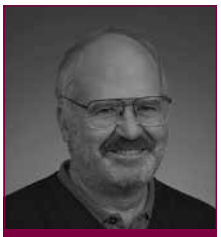
President's Message:
A Brief Snapshot of IMS in 2016–17

IMS President 2016–17 Jon A. Wellner, University of Washington, writes:



Jon Wellner IMS President 2016–17

History: Continuity and Discontinuity

In preparing to write this article for the *Bulletin*, I took the opportunity to read several of the introductory articles written by previous IMS Presidents over the past 10 years. These pieces convey a wonderful sense of enthusiasm for the mission and goals of the IMS. They also contain considerable wisdom concerning the challenges and cross-winds the IMS has faced and continues to navigate in continuing to serve as a meeting place and society for those interested in scientific research and the effective application of probability and statistics in the modern world.

In reading these articles, I was struck by both the continuities and the discontinuities in the themes raised. Many of the new Presidents have championed one or more new initiatives, but each President has only one year to both introduce such initiatives and to follow through with implementation. In short, it is difficult to achieve continuity at the level of the President. On the other hand, other members of the IMS Executive Committee serve three-year terms and it is not uncommon for these members to serve two consecutive terms. Similarly, our current practices concerning editors and many of our standing committees involve three-year terms (or sometimes longer). An important source of continuity has been in our paid staff, the Executive Director Elyse Gustafson, and *IMS Bulletin* Assistant Editor Tati Howell. Elyse began as IMS Executive Director in 1997 and serves as the major source of institutional memory for our society. Tati Howell has been contracted to work with IMS since 2002. We owe them both a huge debt for keeping the IMS on an even keel over a long period of time. I personally owe them both for important assistance on many occasions!

In the remainder of this article my goal is to give a brief snapshot of some of the current activities of the IMS, including our journals, meetings, changes (e.g., the winding down of *CIS*) and opportunities for new activity, as well as reminders about some recent procedural changes.

IMS Executive Committee

As noted above, one source of continuity in the guidance of the affairs of the IMS is the Executive Committee. During this past year in the Executive Committee was the transition from Jean Opsomer to Zhengjun Zhang as IMS Treasurer. Jean served as IMS Treasurer for two full terms (2010–2016). His careful guidance of our financial affairs has put the IMS in a strong position for the foreseeable future. The other

Continues on **page 6**

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IMS Members' News

American Association for the Advancement of Science (AAAS) announces 2016 Fellows

In October 2016, the AAAS Council elected 391 members as Fellows of AAAS. Election as a Fellow honors members whose efforts on behalf of the advancement of science or its applications in service to society have distinguished them among their peers and colleagues. In the Section on Statistics there are eight IMS members: Alicia L. Carriquiry, Iowa State University; Michael R. Kosorok, University of North Carolina, Chapel Hill; Dale L. Preston, HiroSoft International Corporation; Francisco J. Samaniego, University of California, Davis; Hal S. Stern, University of California, Irvine; Anastasios A. Tsiatis, North Carolina State University; Xiao-Hua (Andrew) Zhou, University of Washington/Peking University (China); and Lixing Zhu, Hong Kong Baptist University/Beijing Normal University

Charles M. Stein, 1920–2016

We regret to report that Charles Stein, passed away peacefully in his sleep on November 24, aged 96. He was a professor of statistics at Stanford University. He is widely known for shrinkage estimators, Stein's lemma, adaptive estimation, and Stein's method. Among many honors, he was a member of the US National Academy of Sciences and an IMS Fellow. A full obituary will follow.

Stephen E. Fienberg, 1942–2016

Stephen Fienberg, University Professor of Statistics and Social Science at Carnegie Mellon University, died December 14 in Pittsburgh. He was 74. An internationally acclaimed statistician, Fienberg was best known for developing and using statistical applications to influence science and public policy in many areas, including aspects of human rights, privacy and confidentiality, forensics, survey and census taking.

Bulletin in soft transition phase

Vlada Limic

New *IMS Bulletin* Editor Vlada Limic writes:

With this issue I officially take the baton from Anirban DasGupta, to whom I am very grateful for all the good advice during my training in the previous months. We are working to complement the following list of Contributing Editors: Anirban DasGupta, David Hand, Xiao-Li Meng, Dimitris Politis and Terry Speed. Many thanks to them for staying on the team, to Anirban for bringing his "Angle" back and continuing with the Student Puzzle Corner (look out for these in the coming issues), as well as to outgoing Contributing Editors Robert Adler, Peter Bickel, Stéphane Boucheron and Hadley Wickham for their important service over the past years. Our hope is that the *Bulletin* continues its role in serving our community in the best possible way, without necessarily your noticing a transition taking place.

Send us your POPI submissions

Over the coming months we shall develop the "POPI" board—a space to report on a **Project, Object or Perspective of (potential community) Interest**. These will usually include important input from a peer who tells us about their favorite POPI of the moment. In case of a temporary lack of POPIs gathered from you, I may take one from my pool (or pick one from my garden?). Please send your POPI ideas to bulletin@imstat.org. Your input is vital for this initiative to succeed!

More Members' News

Sastry Pantula receives Southern Regional Council on Statistics Paul Minton Service Award

Oregon State University College of Science Dean Sastry G. Pantula was honored for his outstanding and extensive service to the statistics profession with the 2016 Paul Minton Service Award from the Southern Regional Council on Statistics (SRCOS) at the 2016 Joint Statistical Meetings in Chicago. The award was established to honor Paul Minton, who served the statistics profession nationally and in the southern region for many years and was instrumental in the continued development of statistical education in the region represented by SRCOS. The award recognizes outstanding service to the statistics profession. Read more at http://impact.oregonstate.edu/2016/08/dean-pantula-honored-statistics-service-award/

Profile: Steve Evans

David Steinsaltz, University of Oxford, UK, profiles Steve Evans, one of the five IMS Fellows elected in 2016 to the US National Academy of Sciences [profiles of the other four have appeared in previous issues].

Steve Evans

In May 2016, Steven Neil Evans was elected to the US National Academy of Sciences, in recognition of his contributions to probability theory, statistics and mathematical biology. His works have been dotted across diverse mathematical topics and multiple scientific problems—superprocesses, coalescence processes, phylogenetics, random matrices, genomics, population dynamics, linguistics, and theoretical statistics. Seminal, each one sprouting its individual world of research, they remain connected to the rest by his rambling curiosity and idiosyncratic mathematical imagination.

When I asked some of his colleagues and collaborators for their impressions, I heard numerous variants of "a remarkable listener". "It's relaxing to speak with him, because to Steve nothing is irrelevant." He was praised for his "encyclopedic knowledge", and his capacity for refining and simplifying an inchoate problem into mathematically tractable form. He is an indefatigable calculator who sifts the examples for insights, and translates his mathematical rigor into the language and mind-frame of a scientific collaborator.

In print he has been described (in a popular mathematics book) as "a burly Australian in denims who looked as if he could have stepped off a building site". Indeed, his accent, literary tastes, and ruthless personal modesty all show the deep traces of his childhood in rural Australia. After completing his degree at the University of Sydney and a stint in the Commonwealth Banking Corporation of Australia, the wool bankers' suits and Australian summer combined to push him toward the cool fens of Cambridge, England. He completed his doctorate in 1987, and then, following a two-year postdoctoral appointment at the University of Virginia, joined the department of statistics at U.C. Berkeley, where he has remained ever since. He was awarded the Rollo Davidson prize in 1990 and a Sloan Fellowship for 1993–4. He is a fellow of IMS and the American Mathematical Society.

In the late 1980s and into the 1990s he published a series of papers, many of them in collaboration with Edwin Perkins, developing a set of flexible and intuitive tools that opened up the study of superprocesses. These are diffusions on measure-valued state spaces

Continues on **page 4**

= access published papers online

IMS Journals and Publications

Annals of Statistics: Ed George and Tailen Hsing
http://imstat.org/aos
http://projecteuclid.org/aos

Annals of Applied Statistics: Tilmann Gneiting
http://imstat.org/aoas
http://projecteuclid.org/aoas

Annals of Probability: Maria Eulalia Vares
http://imstat.org/aop
http://projecteuclid.org/aop

Annals of Applied Probability: Bálint Tóth
http://imstat.org/aap
http://projecteuclid.org/aoap

Statistical Science: Cun-Hui Zhang UPDATED
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: Domenico Marinucci
http://imstat.org/ejs
http://projecteuclid.org/ejs

Electronic Journal of Probability: Brian Rider
http://ejp.ejpecp.org

Electronic Communications in Probability: Sandrine Péché
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: Diane Cook
http://www.amstat.org/publications/jcgs
log into members' area at imstat.org

Statistics Surveys: Donald Richards
http://imstat.org/ss
http://projecteuclid.org/ssu

Probability Surveys: Ben Hambly
http://imstat.org/ps
http://www.i-journals.org/ps/

IMS-Supported Journals

ALEA: Latin American Journal of Probability and Statistics: Victor Perez Abreu
http://alea.impa.br/english

Annales de l'Institut Henri Poincaré (B): Gregory Miermont, Christophe Sabot http://imstat.org/aihp
http://projecteuclid.org/aihp

Bayesian Analysis: Bruno Sansó
http://ba.stat.cmu.edu

Bernoulli: Holger Dette
http://www.bernoulli-society.org/
http://projecteuclid.org/bj

Brazilian Journal of Probability and Statistics: Francisco Louzada Neto http://imstat.org/bjps
http://projecteuclid.org/bjps

Stochastic Systems: Assaf Zeevi
http://www.i-journals.org/ssy/

IMS-Affiliated Journals

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

Profile: Steve Evans *continued*

that arise as limits of stochastic processes with branching particles, often used to represent populations evolving in space, whether concretely geographic or abstract spaces of biological traits. One of the highlights of this period was the construction now known as the Evans immortal particle, which first appeared in 1993 in [1], a forerunner of the now-fundamental technique of spine decomposition. A superprocess conditioned on long-term survival, he showed, may be decomposed into clumps of mass (behaving like the unconditioned process) thrown off at random intervals by a single particle that is immune to the killing. While his research quickly moved on to other topics, he returned repeatedly to extend the standard superprocess to new questions of interest in mathematical biology, such as the behaviour of competing spatially-structured populations [3], and the role of damage-accumulation in the evolution of aging [7].

Mathematical biology has been a major theme throughout his research career, ranging over population dynamics, population genetics, theoretical evolution and phylogenetics. His work on David Aldous's continuum random tree model includes a foundational set of lecture notes, and the papers [8, 4] (with Anita Winter and Jim Pitman) that provided a rigorous intuitive picture of how the continuum tree arises as the stationary distribution of a process of pruning and re-grafting subtrees. His collaboration with Montgomery Slatkin yielded new ways of thinking about the evolution of allele frequency spectra [6], and methods of calculating from SDEs that move beyond the standard asymptotic formulas. One remarkable paper [10] with Frederick Matsen upended the common "intuition that genetic and genealogical ancestry are equivalent"[1], clarifying the discrepancy between the log N time scale on which a population of N individuals has a common ancestor and the order N time to a common ancestor for a fixed genetic locus. More recently, his expertise extracting interpretable conclusions from coupled stochastic differential equations has shed light on the population growth rates of migrating populations. This work [5] showed how spatiotemporal environmental randomness can interact with migration rates in surprising ways to make the difference between global survival and extinction.

Together with many and disparate collaborators he has staked out territory on the frontiers between probability theory and far-flung regions of mathematics' empire. Random algebraic objects have been a repeated object of study, such as his work calculating the expected number of zeros of random p-adic polynomials [2], novel stochastic processes on unconventional spaces (Markov processes on "vermiculated" spaces, Brownian motion on $\mathbb{R}$-trees, processes indexed by trees or local fields), and dynamical systems on spaces of probability measures (the core of his work on mutation–selection dynamics for age-structured populations that culminated in the monograph [9]).

While recognising his published works, it would be wrong to conclude without mentioning his more informal contributions to mathematical sciences as a teacher, colleague, and collaborator. The collected works that mention "thanks to Steve Evans", "explained to us by Steve Evans", or "assisted by Steve Evans" comprise by themselves a significant literature in probability, statistics, and mathematical biology. As an audience member at conference talks he throws off penetrating insights and links to far-flung mathematical concepts. His tone typically suggests that the speaker, and perhaps all the rest of the audience, surely understood all this long ago.

—

1 M. Slatkin, private communication

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[1] Steven N Evans. Two representations of a conditioned superprocess. *Proceedings of the Royal Society of Edinburgh: Section A Mathematics*, 123(05):959–971, 1993.

[2] Steven N. Evans. The expected number of zeros of a random p-adic polynomial. *Electronic Communications in Probability*, 11:278–290, 2006.

[3] Steven N Evans and Edwin A Perkins. Collision local times, historical stochastic calculus, and competing superprocesses. *Electronic Journal of Probability*, 3, 1998.

[4] Steven N Evans, Jim Pitman, and Anita Winter. Rayleigh processes, real trees, and root growth with re-grafting. *Probability Theory and Related Fields*, 134(1):81–126, 2006.

[5] Steven N. Evans, Peter L. Ralph, Sebastian J. Schreiber, and Arnab Sen. Stochastic population growth in spatially heterogeneous environments. *Journal of Mathematical Biology*, 66(3):423–76, February 2013.

[6] Steven N Evans, Yelena Shvets, and Montgomery Slatkin. Non-equilibrium theory of the allele frequency spectrum. *Theoretical Population Biology*, 71(1):109–119, 2007.

[7] Steven N. Evans and David Steinsaltz. Damage segregation at fissioning may increase growth rates: A superprocess model. *Theoretical Population Biology*, 71(4):473–90, 2007.

[8] Steven N Evans and Anita Winter. Subtree prune and regraft: a reversible real tree-valued markov process. *The Annals of Probability*, pp.918–961, 2006.

[9] Steven Neil Evans, David Steinsaltz, and Kenneth W Wachter. A mutation-selection model with recombination for general genotypes, volume 222 of *Memoirs of the American Mathematical Society*. AMS, 2013.

[10] Frederick A Matsen and Steven N Evans. To what extent does genealogical ancestry imply genetic ancestry? *Theoretical Population Biology*, 74(2):182–190, 2008.

Awards: Nominate or apply now!

Nominate someone for the IMS Carver Awards or Fellowship, or apply for a Travel Award

The Carver Medal was created by the IMS in honor of Harry C. Carver, for exceptional service specifically to the IMS. It is open to any IMS member who has not previously been elected President. See http://imstat.org/awards/carver.html. Deadline **February 1**.

IMS Fellows demonstrate distinction in research in statistics or probability, by publication of independent work of merit; alternatively, as well-established leaders whose contributions to the field of statistics or probability other than original research is judged of equal value; or whose work has contributed greatly to the utility of and the appreciation of these areas. Candidates for fellowship should have been members of the IMS for at least two years. See http://imstat.org/awards/fellows.htm. Deadline **January 31**.

You can also apply for a travel award if you are within five years of having received your PhD. The IMS Travel Award funds travel to present a paper or poster at an IMS sponsored or co-sponsored meeting. See http://imstat.org/awards/travel.html. Deadline **February 1**.

Nominate for 2017 COPSS Awards

Each year, the statistical profession recognizes outstanding members at the Joint Statistical Meetings in an awards ceremony organized by the Committee of Presidents of Statistical Societies (COPSS). Nominations are an important part of the process, and everyone can contribute—from the newest to most senior members of our societies. We recognize excellence in our mentors, colleagues, and friends, and it is important to single out those who have made exceptional contributions to the profession.

Nominations are sought for the following COPSS awards, which will be presented at the 2017 JSM in Baltimore, Maryland (July 29–August 3). See http://copss.org/awards/ for details of each award's committee chairs and submission procedures.

The Presidents' Award is presented yearly in recognition of outstanding contributions to the statistics profession. It is typically granted to an individual who has not yet reached his or her 41st birthday. In the special case of an individual who has received his or her statistically related terminal degree fewer than 12 years prior to the nomination deadline, the individual will be eligible if he or she has not yet reached his or her 46th birthday during the year of the award.

The F.N. David Award is presented biennially to a female statistician who serves as a role model to other women by her contributions to the profession through excellence in research, leadership of multidisciplinary collaborative groups, statistics education, or service to the professional societies.

The George W. Snedecor Award, established in 1976, honors an individual who was instrumental in the development of statistical theory in biometry. The award is for a noteworthy publication in biometry within three years of the data of the award.

Nominations for these three awards should be sent by **January 15, 2017**, to the relevant committee chair (see website for details). The deadline for nominations has passed for the Fisher Award and Lectureship.

These awards are jointly sponsored by IMS, ASA, ENAR, WNAR, and SSC. They represent a discipline-wide acknowledgment of the outstanding contributions of statisticians, regardless of their affiliations with any professional society.

IMS Child Care Initiative: apply by June 1

The purpose of the IMS Child Care Initiative is to encourage and support the participation at IMS Annual Meetings of IMS members who have child care responsibilities. The next IMS Annual Meeting is at the Joint Statistical Meetings in Baltimore, July 29–August 3, 2017: https://ww2.amstat.org/meetings/jsm/2017/.

The IMS will reimburse members 80% of the costs of privately arranged child care* (for a dependent under the age of 13) at the IMS Annual Meeting, up to a maximum of US$250 per family. Priority will be given to those presenting papers or posters at the meeting. Not more than 40 grants may be awarded. For details, see http://imstat.org/meetings/childcare.htm

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

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

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

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

President's Message *continued*

members of the Executive Committee are: Aurore Delaigle, who is currently serving the last year of two three-year terms as Executive Secretary; Judith Rousseau, also serving a second three-year term as Program Secretary (2012–2018); the President-Elect Alison Etheridge; the IMS Past President Richard Davis; and myself as IMS President.

IMS President Jon Wellner (right), pictured in Toronto with President-Elect Alison Etheridge and Past President Richard Davis

Journals

The IMS has excelled in production of its flagship journals, the *Annals of Probability*, the *Annals of Statistics*, the *Annals of Applied Probability*, and the *Annals of Applied Statistics*. Producing these excellent journals continues to be one of the most important IMS activities. Our widely-read review journal, *Statistical Science*, has been in great editorial hands under the editorship of Peter Green who stepped down on January 1, 2017. Peter has been succeeded by Cun-Hui Zhang. In particular, the *Statistical Science* "conversation pieces" continue to be popular. Recently, in connection with the death of Peter Hall and the timely publication of a conversation article with Peter written by Aurore Delaigle and Matthew Wand, the IMS received several requests to make this conversation piece "open access". In response to this request, the IMS Council recently decided to make all the conversation pieces completely open and accessible to everyone [*see page 12*]: for a complete listing, from Hirotugu Akaike to Yuri Vasilyevich Prokhorov and Willem van Zwet, see: http://www.imstat.org/sts/conversations.html.

This past year was the tenth anniversary of the *Annals of Applied Statistics*, which has been a great success thanks to the excellent editorial work and leadership of past editors Brad Efron (2006–2012) and Steve Fienberg (2013–2015), and the current editor Tilmann Gneiting. The *Annals of Applied Statistics* has published about 2025 pages per year since it started in 2006. This year we also celebrate the tenth anniversary of one of our joint electronic journals, *Statistics Surveys*. This journal, a cooperative effort between the IMS, the Bernoulli Society, the Statistical Society of Canada and the American Statistical Association, was launched in 2007. *Statistics Surveys* has published on average 159 pages per year. In contrast, its sister journal *Probability Surveys* has published (on average) 322 pages per year. I believe that *Statistics Surveys* and *Probability Surveys* both have considerable potential for growth and increased importance, due to the communication role that well-written survey articles can play.

The *IMS Bulletin* Editor for the past three years has been Anirban DasGupta. Many thanks to Anirban for his dedicated editorial work and service to the IMS, and welcome to Vlada Limic who took over editorship of the *Bulletin* with this issue [*see her article on page 2*]. On behalf of all the members of the IMS, I would like to thank the editors of all the IMS journals and their editorial boards for all the superb work they do to maintain the high standards of our journals.

IMS Meetings

The last IMS Annual meeting was held jointly with the Bernoulli Society in Toronto during July 2016: the 9th World Congress in Probability and Statistics drew about 450 participants, and was a great success—in large part due to the excellent program organized by Alison Etheridge (Program Chair for the meeting and current IMS President-Elect), and groundwork by the local organizing committee chaired by Tom Salisbury. Our next IMS Annual meeting will be held during the Joint Statistical Meetings in Baltimore (July 29–August 3, 2017); while our next stand-alone meeting will be in Vilnius, Lithuania (July 2–6, 2018). Our next joint meeting with the Bernoulli Society will be the 10th World Congress in Probability and Statistics in Seoul, Korea (August 17–21, 2020).

CIS wind-down and planned closure

While our journals have been doing well, our long-time indexing, bibliographical, and retrieval effort, the *Current Index to Statistics*, has struggled with changing technologies and lack of use, with declining subscriptions and decreasing revenues. Most of the relevant scientific bibliography is now covered by Google Scholar, a transition presaged by the January/February 2005 *Bulletin* cover article about Google Scholar entitled "Stand on Giants' Shoulders". Although *CIS* has had a group of devoted users, anecdotal evidence suggests that many, if not most, IMS and ASA members are not

more than occasional users—if they are even aware of its existence. The *CIS* Management Committee discussed various alternatives in person at the JSM in Chicago and online after the Chicago meeting. Following discussions by the IMS Executive Committee and the Council, the IMS Council recently voted to phase out *CIS* over a three-year period (2017–2019) by making the current *CIS* database "open access" (i.e. freely available) in its current form (with updates only from the automated processes currently in place and no further manual updates). The automatic updates will be dropped on January 1, 2020, and an effort will be made to share the current data with some other partner (to be determined). Announcements of these changes have been made in e-mails to subscribers, in the previous issue of the *Bulletin*, in the IMS e-bulletin, and on the *CIS* web pages.

While I regret the necessity of phasing out the *CIS* effort, I would like to convey sincere thanks to the current and past Editors (George Styan, Alan Zaslavsky, Eric Suess, Pantelis Vlachos), as well as others on the *CIS* Management Committee (David Umbach [chair], Chris Bilder, Xinping Cui and Haydar Demirhan), for their dedication and commitment to the CIS.

IMS Groups

One of the important projects of my predecessor, Richard Davis, has been a push to re-invigorate the IMS Groups program. One success in this direction has been the **New Researchers Group** (NRG), spearheaded by Alex Volfovsky, Dan Sussman, Vince Lysinski and others. The NRG has secured NSF Funding for the annual New Researchers Conference and has a new website thanks to Dan Sussman (http://groups.imstat.org/newresearchers/). The new website for the NRG has incorporated an on-line version of the IMS New Researchers' Survival Guide, originally published in 2006 (see the January 2006 *IMS Bulletin*).

Another potential group in the direction of **Machine Learning** has been under discussion, but has not yet gotten off the ground. An ever-present need exists for the application of statistics and other science based methods to a wide range of problems, and this might be one avenue for the organization of several new IMS Groups, for example in the area of Environmental Statistics. If you have ideas or suggestions concerning potential new Groups in any area of probability or statistics, please contact us.

Membership

The IMS needs to continue to work to recruit new members. We had an organized membership drive in 2008 (see the *IMS Bulletin* Jan/Feb 2008), but it may be time for another drive. As noted by past Presidents Richard Davis (see the *IMS Bulletin* Jan/Feb 2016) and Erwin Bolthausen (in his IMS 2015 Presidential address, September 2015 *Bulletin*), the IMS has apparently lost some membership in the probability part of our community. Please consider persuading your colleagues and students, who are not already members, to join. Student membership is still free (see http://imstat.org/membership/student.htm), and membership for those doing work or teaching in probability or statistics is a bargain at $105 (recently reduced from $115, and with a further 10% reduction to $94.50 for early renewal before December 31) for a basic membership.

Nominations

The procedure for nominations has changed. In particular the IMS has opened the nomination process for named lectures and for proposing sessions at IMS sponsored meetings. I would like to encourage members to take advantage of these opportunities to provide direct input in both of these directions. For further information see announcements in the *IMS Bulletin* and e-bulletin.

Invitation

The IMS depends on its members for ideas and service in many different roles: editing our journals, organizing our meetings, and serving on committees to choose members for various honors and awards. I would like to thank our members who have volunteered their time and energy to serve in these important roles (with apologies for not being able to name you all here). I invite all members to step forward to serve the IMS.

In closing, let me re-iterate my invitation to all members to feel free to contact me (email to president@imstat.org), any member of the Executive Committee, or the IMS Executive Director Elyse Gustafson (email to erg@imstat.org) with your comments and suggestions.

Your ideas for improving the IMS and for new IMS initiatives are always welcome.

Recent papers: *Electronic Journal of Probability*

The *Electronic Journal of Probability* (*EJP*) publishes full-length research articles in probability theory. Short papers should be submitted first to its sister journal, *Electronic Communications in Probability* (*ECP*). *EJP* and *ECP* share the same editorial board, but with different Editors in Chief. *EJP* and *ECP* are open access official journals of IMS and the Bernoulli Society. Donations to the IMS Open Access Fund help to keep the journal free: https://secure.imstat.org/secure/orders/donations.asp. Read it at **https://projecteuclid.org/euclid.ejp**

Volume 21: 2016

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William Cochran defined an observational study as an empiric investigation in which "the objective is to elucidate cause-and-effect relationships…[in which] it is not feasible to use controlled experimentation, in the sense of being able to impose the procedures or treatments whose effects it is desired to discover, or to assign subjects at random to different procedures." (1965, *JRSS-A*). Observational studies are important where randomized experimentation is unethical or infeasible. A particular type of observational study is a "broken randomized experiment," in which encouragement to take a treatment is randomly assigned but the treatment itself is not imposed by random assignment (e.g., some people may not comply with the random assignment). Furthermore, even when imposing treatment by random assignment is ethical and feasible, observational studies can be useful in providing less expensively obtained preliminary results that can lead to further testing in randomized experiments. Observational studies have played important roles in providing evidence on many topics, for example, providing the key evidence that smoking causes lung cancer.

Several journals deal with observational studies in specific fields, but this is the first journal that is devoted to observational studies across the wide range of fields that make use of them. Topics covered by the journal include, but are not limited to:

- **Methodologies for observational studies**, including statistical methods for all aspects of observational studies and methods for the conduct of observational studies such as methods for collecting data. In addition to novel methodological articles, the journal welcomes review articles on methodology relevant to observational studies as well as illustrations/explanations of methodologies that may have been developed in a more technical article in another journal.
- **Analyses of observational studies**. The journal encourages submissions of analyses that illustrate use of sound methodology and conduct of observational studies.
- **Study protocols for observational studies**. Before examining the outcomes that will form the basis for an observational study's conclusions, a study protocol should describe the design, exclusion criteria, primary and secondary outcomes, and proposed analyses. In addition to publishing study protocols, the journal will publish comments on the study protocols and allow the authors of the study protocol to respond to the comments.
- **Software for observational studies**.
- **Descriptions of observational study data sets**. The journal welcomes descriptions of observational study data sets and how to access them. The goal of the descriptions of observational study data sets is to enable readers to form collaborations, to learn from each other and to maximize use of existing resources. The journal also encourages submission of examples of how a publicly available observational study database can be used.

IMS meetings around the world

Joint Statistical Meetings: 2017–2022

IMS sponsored meeting

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

w https://www.amstat.org/meetings/jsm/2017/index.cfm

Join us in Baltimore, Maryland, for one of the biggest statistical events of the year: with more than 6,000 attendees (including over 1,000 students) from 52 countries, and over 600 sessions, it's a busy few days! The theme is *"Statistics: It's Essential."*

Abstract submission is open now. Registration and housing open May 1.

IMS sponsored meetings: JSM dates for 2018–2022

JSM 2018	IMS Annual Meeting @ JSM 2019	JSM 2020	IMS Annual Meeting @ JSM 2021	2022 Joint Statistical Meetings
July 28–August 2, 2018	July 27–August 1, 2019, Denver, CO	August 1–6, 2020	August 7–12, 2021,	August 6–11, 2022
Vancouver, Canada		Philadelphia, PA	Seattle, WA	Washington, D.C.

IMS co-sponsored meeting

UPDATED

19th Meeting of New Researchers in Statistics and Probability
July 27–29, 2017
Johns Hopkins University, Baltimore, MD

w http://groups.imstat.org/newresearchers/conferences/nrc.html

Each year the IMS sponsors the New Researchers Conference (NRC) during the week preceding the Joint Statistical Meeting (JSM). This year, with JSM in Baltimore, the 19th NRC will be hosted by Johns Hopkins University from July 27–29.

This conference promotes interaction and networking among new researchers in biostatistics, statistics, and probability. The participants will present their research via a short expository talk and a poster and mingle throughout the day. Senior researchers from across these fields will give longer talks, as well as panels on teaching, mentoring, publishing, and grant writing. The meeting covers a wide range of topics in statistics and applied statistics, and some probability.

Anyone who has received a PhD in or after 2012, or expects to receive a PhD by the end of 2017, is eligible to apply. We expect that most or all travel costs to the conference will be covered.

The deadline for application is March 27, 2017.

More information can be found at the New Researchers site: http://groups.imstat.org/newresearchers/conferences/nrc.html.

Organizers: Elizabeth Ogburn, Bloomberg School of Public Health; Vince Lyzinski, Whiting School of Engineering, Johns Hopkins University.

IMS sponsored meeting

Joint 2018 IMS Annual Meeting and 12th International Vilnius Conference on Probability Theory & Mathematical Statistics
July 2–6, 2018
Vilnius, Lithuania

w TBC

We are pleased to announce that the 2018 IMS Annual Meeting will be held in beautiful Vilnius, the capital of Lithuania, in conjunction with the 12th Vilnius Conference on Probability Theory and Mathematical Statistics. The Program Co-chairs are Peter Bühlmann (IMS) and Vygantas Paulauskas (Vilnius). The Local Chair is Remigijus Leipus. Details to follow.

IMS co-sponsored meeting

Bernoulli/IMS 10th World Congress in Probability and Statistics
August 17–21, 2020
Seoul, South Korea

w TBC

The next World Congress in Probability and Statistics will be in Seoul, South Korea.

At a glance:

forthcoming IMS Annual Meeting and JSM dates

2017

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

2018

IMS Annual Meeting: Vilnius, Lithuania, **July 2–6, 2018**

JSM: Vancouver, Canada, **July 28–August 2, 2018**

2019

IMS Annual Meeting @ JSM: Denver, CO, **July 27–August 1, 2019**

2020

IMS Annual Meeting/ 10th World Congress: Seoul, South Korea, **August 17–21, 2020**

JSM: Philadelphia, **August 1–6, 2020**

2021

IMS Annual Meeting @ JSM: Seattle, WA, **August 7–12, 2021**

More IMS meetings around the world

IMS co-sponsored meeting

The 5th Workshop on Biostatistics and Bioinformatics NEW

May 5–7, 2017

Atlanta, Georgia, USA

w http://math.gsu.edu/~yichuan/2017Workshop

Biostatistics and Bioinformatics have been playing a key and important role in statistics and other scientific research fields in recent years. The goal of this workshop is to stimulate research and to foster the interaction of researchers in Biostatistics & Bioinformatics research areas. The workshop will provide the opportunity for faculty and graduate students to meet the top researchers in a small group setting, identify important directions for future research, facilitate research collaboration.

The Keynote speaker is Tony Cai, University of Pennsylvania. Invited speakers are: Jie Chen, Augusta University; Ying Guo, Emory University; Timothy Hanson, University of South Carolina; Benjamin Haaland, Georgia Institute of Technology; Faming Liang, University of Florida; Lei Liu, Northwestern University; Limin Peng, Emory University; Lily Xu, UC, San Diego; Feifang Hu, George Washington University; Ming Tan, Georgetown University; Hongzhe Li, University of Pennsylvania; Ying Yuan, Univ. of Texas MD Anderson Cancer Center; Yajun Mei, Georgia Institute of Technology; Weixin Yao, Univ. of California, Riverside; and Liang Li, Univ. of Texas MD Anderson Cancer Center.

Travel support for young and minority researchers

The workshop will be providing partial travel awards to selected conference participants. Priority will be given to senior graduate students, post-graduate, recent PhD's, junior faculty, and under-represented groups.

To be considered for a travel award you must submit a poster abstract and one application letter. The application letter should state why you would like to participate in the workshop, your research activity, your PhD University with how many years and advisor's name, and a brief description of the travel support.

The application will be accepted until it is full, and the deadline for submitting a poster is April 30. They should be emailed to Professor Yichuan Zhao at yichuan@gsu.edu.

Registration is open until April 30, 2017. See http://math.gsu.edu/~yichuan/2017Workshop/registration.html. Please email the organizer Dr. Yichuan Zhao at yichuan@gsu.edu with any questions.

IMS co-sponsored meeting

39th Conference on Stochastic Processes and their Applications (SPA) UPDATED

July 24–28, 2017. Moscow, Russia

w http://www.spa2017.org/

The 39th Conference on Stochastic Processes and their Applications (SPA 2018) will be held July 24–28, 2017, in Moscow.

The conference will feature the following keynote lectures:

- **Lévy Lecture**: Grigorii Olshanski (Institute for Information Transmission Problems, Moscow). The Lévy Lecture is sponsored by Elsevier, as the publisher of the *Stochastic Processes and their Applications* journal.
- **Doob lecture**: Vladimir Bogachev (Lomonosov State Univerisity, Moscow). The Doob Lecture is sponsored by the Illinois Journal of Mathematics.
- Two **IMS Medallion lectures**: Takashi Kumagai (Kyoto University, Japan) and Marta Sanz-Solé (Universitat de Barcelona, Spain)
- **Schramm lecture**: Richard Kenyon (Brown University, USA)
- **Döblin Prize lecture**: Allan Sly (University of California, USA)
- **Itô prize lecture**: Noemi Kurt (TU Berlin, Germany)

Invited sessions: Random matrices, Random graphs and random matrices, Disordered systems, Self-similar Markov and Stable processes, Log-correlated processes, Recent developments in continuous-state branching, Branching processes, Branching Random Walks and Branching Brownian Motion, Lattice models and their scaling limits, Large Deviations, Classical and compensated fragmentation processes, Random Walk in Random Environment, Random walk, Functional Inequalities and Optimal Transport, Integrable Probability, Asymmetric exclusion processes, Gradient flows on metric measure spaces, Random interfaces and interacting particle systems, Financial Mathematics, Regularities structures, Stochastic partial differential equations, Stochastic Networks, Numerical methods for stochastic partial differential equations, Persistence probabilities. A full list with organizers' details is on the website.

Registration opens soon.

IMS co-sponsored meeting

40th Conference on Stochastic Processes and their Applications (SPA)

June 11–15, 2018. Gothenburg, Sweden

w TBC

The 40th Conference on Stochastic Processes and their Applications (SPA 2018) will be held June 11–15, 2018, at the Chalmers University of Technology in Gothenburg, Sweden.

Details to follow.

IMS co-sponsored meeting

Bayesian Nonparametrics
June 26–30, 2017
Ecole Normale Supérieur, Paris, France

w https://www.ceremade.dauphine.fr/~salomond/BNP11/index.html

The 11th Bayesian nonparametrics (BNP) meeting will be held in Paris from the 26th to the 30th of June at Ecole Normale Supérieure. The Bayesian nonparametrics conference is a bi-annual international meeting bringing together leading experts and talented young researchers working on applications and theory of nonparametric Bayesian statistics. It is an official section meeting of the Bayesian Nonparametrics section of the International Society for Bayesian Analysis (ISBA). Details to follow.

IMS co-sponsored meeting

The 10th ICSA International Conference
December 19–22, 2016. Shanghai, China

w http://www.math.sjtu.edu.cn/conference/2016icsa/

The conference will be held at Xuhui campus of Shanghai Jiao Tong University in China. The theme is *Global Growth of Modern Statistics in the 21st Century*. The plenary speakers are Jim Berger, Tony Cai, Kai-Tai Fang, Zhiming Ma, Marc A. Suchard, Lee-Jen Wei and C.F. Jeff Wu.

IMS co-sponsored meeting

6th Workshop on Stochastic Methods in Game Theory
May 5–13, 2017. Erice, Sicily, Italy

w https://sites.google.com/site/ericegame-theory2017

Many decision problems involve elements of uncertainty and of strategy. Most often the two elements cannot be easily disentangled. The aim of this workshop is to examine several aspects of the interaction between strategy and stochastics. Various game theoretic models will be presented, where stochastic elements are particularly relevant either in the formulation of the model itself or in the computation of its solutions. The speakers are scholars in stochastics, economics, operations research, computer science, mathematics, control engineering. See website for details.

IMS sponsored meeting

WNAR/IMS Meeting
June 24–28, 2017
Santa Fe, New Mexico, USA

The WNAR/IMS 2017 Meeting will be in Santa Fe, New Mexico, at the Eldorado Hotel & Spa. The social program includes a Welcome Reception on Sunday June 25, the Reception after Presidential Invited Speaker on Monday June 26, and Banquet dinner on Tuesday June 27.

IMS co-sponsored meeting

Reproducibility of Research: Issues and Proposed Remedies
March 8–10, 2017. Washington DC, USA

w http://www.nasonline.org/programs/sackler-colloquia/upcoming-colloquia/

This meeting is one of the Arthur M. Sackler Colloquia, which address scientific topics of broad and current interest that cut across the boundaries of traditional disciplines.

IMS co-sponsored meeting

2017 IMS-China International Conference on Statistics and Probability
June 28–July 1, 2017
Nanning, Guangxi Province, China

w TBC

LOC chair: Zijia Peng **e** pengzijia@126.com. Scientific program chair: Ming Yuan **e** myuan@stat.wisc.edu.

ENAR 2017 Spring Meeting
March 12–15, 2017, Washington DC

The 2017 ENAR Spring Meeting will be held at the Washington Hilton in Washington, DC from March 12–15, 2017. The meeting brings together researchers and practitioners from academia, industry and government, connected through a common interest in Biometry.

Take advantage of the scientific program which will cover a wide range of topics of great interest to both researchers and practitioners, such as, data sciences (big data), genomics, clinical trials, neuroimaging, biomarkers, health policy, electronic health records, ecology, and epidemiology.

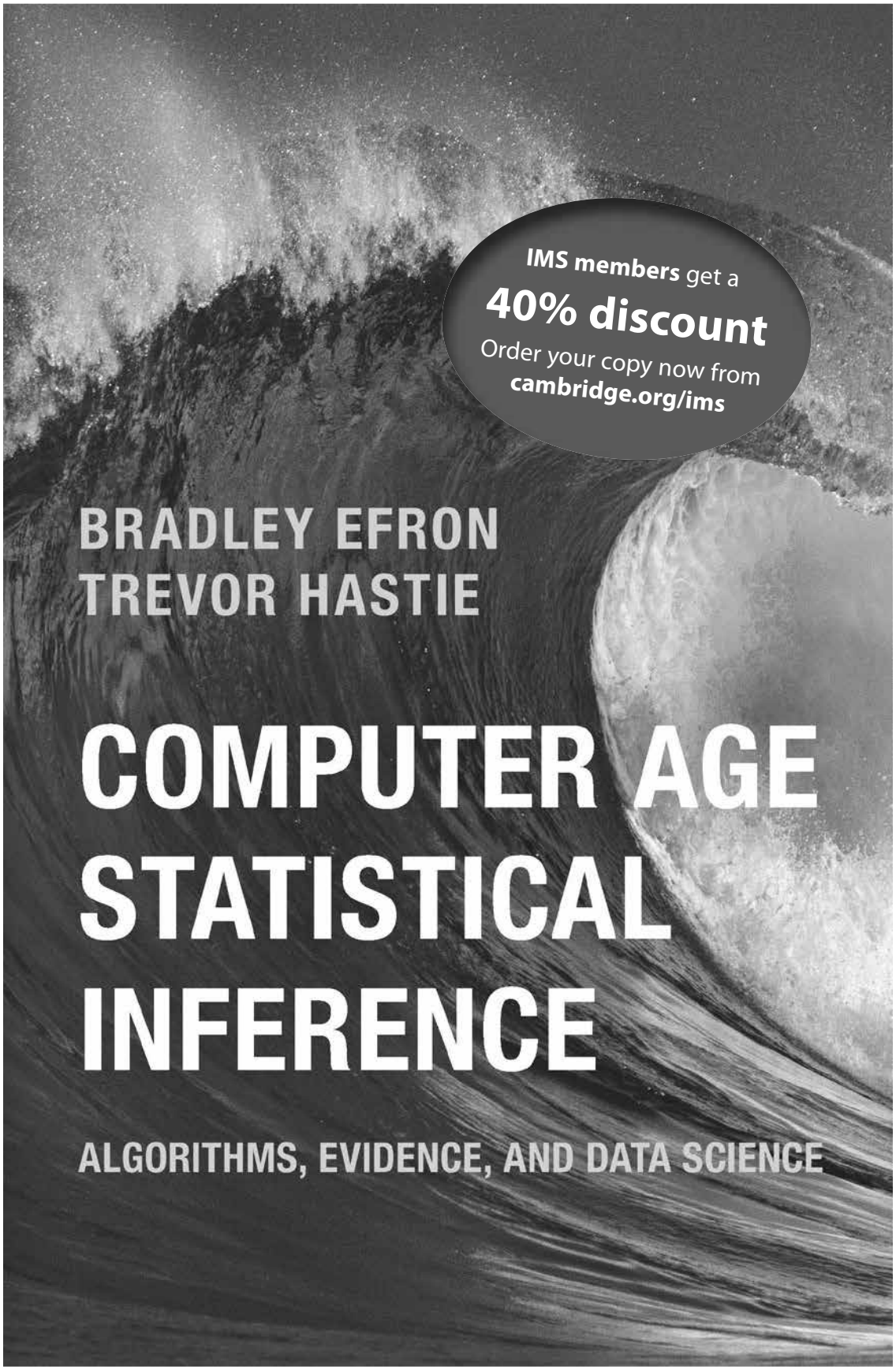
The 2017 ENAR Spring Meeting offers a program of short courses, tutorials and roundtables. Presented by well-known experts, the short courses and tutorials will cover a variety of topics including: Bayesian methods in drug development, personalized medicine trial designs, analysis of brain imaging data, data sciences and high performance statistical computing, early phase clinical trials, statistical leadership and influence, graphics for clinical trial data, and software applications for group sequential and adaptive designs, Bayesian modeling and analysis, and multiplicity problems.

ENAR 2017–2019 dates

IMS sponsored meetings

March 12–15, 2017: in Washington DC
March 25–28, 2018: in Atlanta, GA
March 24–27, 2019: in Philadelphia, PA
March 22–25, 2020: in Nashville, TN

w http://www.enar.org/meetings/future.cfm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Other meetings and events around the world

IEEE CoDIT'17
IEEE-2017 4th International Conference on UPDATED
Control, Decision and Information Technologies (IEEE-CoDIT'17
April 5–7, 2017
Barcelona, Spain)
w http://codit2017.com

Due to multiple requests, the deadline to submit a paper to IEEE-CoDIT17 has been extended to January 04, 2017.

We would like you to encourage your young researchers and colleagues to submit papers for your proposed special session(s) CoDIT'17. At the time of writing, we have received 156 papers from 53 countries.

Post-conference publications: Special issues are planned in:
Journal of Systems and Control Engineering
International Journal of Advanced Operations Management
International Journal of Applied Metaheuristic Computing (IJAMC)
International Journal of Management and Decision Making
Selections of papers will be recommended for publication in *International Journal of Modelling, Identification and Control.*
See you in Barcelona, in April 2017!

38th Conference of the International Society for Clinical Biostatistics UPDATED
July 9–13, 2017
Vigo, Spain
w www.iscb2017.info

In 2017 the city of Vigo will be hosting the 38th Annual Conference of the International Society for Clinical Biostatistics (ISCB). Like previous editions, the 2017 ISCB conference will provide an international scientific forum for exchange of theory, methods, and applications of biostatistics in medical research. The conference is aimed at statisticians, clinicians, and members of other disciplines related to clinical practice, such as epidemiologists, clinical chemists, and clinical pharmacologists.

This year, two exciting plenary talks, given by **Anastasios Tsiatis** and **Francesca Dominici**, and eight invited sessions on a number of key topics are organized. This will be complemented with contributed parallel sessions about scientific topics of special interest. In addition, several courses and mini-symposia are scheduled, including the Students' Day on Thursday, which follows the successful first experience at ISCB37. We also offer the possibility to enjoy Vigo and its surroundings with our social programme, including the traditional excursions on Tuesday.

Abstract submission will open on December 20, 2016. Please visit our website for further information or contact the ISCB Conference Secretariat at iscb2017@orzancongress.com.

NIMBioS Investigative Workshop: NEW
Species' Range Shifts in a Warming World
May 3–5, 2017
NIMBioS at the University of Tennessee, Knoxville
w http://www.nimbios.org/workshops/WS_rangeshifts

Topic: Methods for integrating niche models, genetics, and fossil pollen data to understand species' range dynamics under changing climates.

Objectives: Climate change is dramatically altering species' ranges and community composition, which will impact forest productivity, carbon cycling, and global biodiversity. Understanding how species and communities responded to past climatic changes, especially to dramatic warming following Ice Ages, can help us predict and mitigate future outcomes. However, our current understanding of historic ranges and species' dynamics, based on single data types and outdated methods, is deficient (and sometimes misleading). Moreover, we lack a framework for explicit hypothesis testing of post-Ice Age biogeographical inference. This workshop aims to improve our ability to understand species' and community response to climate change by identifying new modeling and analytical tools for integrating currently isolated datasets and fields of research on large-scale ecosystem shifts. Specifically, this workshop will focus on integrating paleoclimatic niche modeling, fossil pollen data, simulations of forest stand processes, and genetic marker data. These approaches vary in spatial and temporal resolution. At this workshop, researchers from diverse fields will: explicate the advantages and assumptions of each data type; discuss ways to analyze disparate data in a statistically coherent manner, while quantifying uncertainty across scales; and define a framework to examine species jointly at the community level rather than individually, leveraging power from many datasets. Synthesis findings from the workshop will be published, and a funding application will be organized to test this framework. Accomplishing these goals requires combining mathematical and computational approaches from very different fields – an exciting prospect. This workshop will help link and utilize large but underused datasets developed over decades, and lay foundations for genuinely interdisciplinary, collaborative paleoecological science.

Application deadline: February 1, 2017

More meetings and events around the world

2017 ISI Regional Statistics Conference
March 22–24, 2017
Bali, Indonesia
w http://www.isi-rsc2017.org/Portal/Home

The ISI Regional Statistics Conference (RSC) 2017 brings together eminent statisticians and members of the statistical community from south-east Asia and the world to present, discuss, promote and disseminate research and best practice in every field of Statistics and its applications towards prospering human life. Taking part in ISI RSC 2017 will be a great opportunity for sharing experiences and networking in the magical ambiance of Bali.

8th European Congress of Mathematics
July 5–11, 2020
Portoroz, Slovenia
w http://www.8ecm.si/

Slovenia will host the European Congress of Mathematics (ECM) in 2020. ECM is the quadrennial congress of the European Mathematical Society. Charming Piran, lively Portorož, and mathematicians from Slovenia and the region await you in 2020, when we are planning the 8th European Congress of Mathematics (ECM).

Are you organizing a meeting? It's free, and easy, to get it listed here, and also at the online calendar, www.imstat.org/meetings/. Submit the details at imstat.org/submit-meeting.html

InSPiRe Conference: Methodology for Clinical Trials in Small Populations and Rare Diseases
April 26–28, 2017
University of Warwick, Warwick Medical School, UK
w http://warwick.ac.uk/inspireconference

As part of the InSPiRe (Innovative methodology in small populations research) project, this conference will bring together international experts in innovative clinical trial design and analysis to present recent advances in the methodology for clinical trials in small populations and rare diseases. In addition to a series of plenary invited talks, the conference will include two pre-conference courses and poster presentations. All conference delegates are invited to submit an abstract for a poster presentation.

Bursaries waiving the conference registration fee will be awarded to the students submitting the best poster abstracts as judged by the conference organising committee.

The abstract submission deadline is 31 December 2016. Winning abstracts selected/winners notified: Mid February 2017. Early bird registration closes: 26 March 2017. Final registration closes: 21 April 2017.

Registration fee: £300* (before 27 March 2017); £325* (from 27 March 2017); £50 additional cost to attend one of the courses. *Covers the 2½ day conference, inc. catering and dinner on the Thursday evening. Course fee & accommodation are not included. Students who submit an abstract, if successfully chosen by the panel to present their poster, will receive a bursary to waive the conference registration fee.

Register to attend the conference: http://warwick.ac.uk/inspireconference

ISBIS 2017: Statistics in Business Analytics
June 6–9, 2017
IBM T. J. Watson Research Center, Yorktown Heights, NY
w www.isbis2017.org

To keep up in today's competitive marketplace, enterprise business entities must be able to constantly transform and improve their business. In order to improve, enterprise business entities have started to integrate sophisticated business analytics and big data, internal and external, in their internal operational processes for sales, marketing, finance, management, procurement, etc. Statistical methodology can play a powerful role in developing such an effective business transformation. In this conference, we explore how businesses increase efficiency, support decision-making under uncertainty, improve business operations and ultimately transform their business by using statistics.

Multiple Comparisons Procedures 2017
June 20–23, 2017
University of California, Riverside, USA
w http://www.mcp-conference.org/

The 10th International Multiple Comparisons Procedures (MCP) Conference will be held during June 20–23, 2017 on the campus of the University of California, Riverside, USA.

The conference will cover the latest methodological and applied developments in the areas of multiple comparisons, adaptive designs in clinical trials, post selection inference and data mining methods under multiplicity control. There will be pre-conference workshops on June 20 and the main conference will be from June 21 to June 23. The keynote speech will be delivered by Prof. Jason Hsu. Abstract submission is now open. For further details and submission of abstracts visit the website or write an email to Professor Xinping Cui (Co-chair)
e xinping.cui@ucr.edu

Employment Opportunities around the world

Canada: Toronto, ON

University of Toronto, Department of Statistical Sciences

Assistant Professor, Spatial Temporal Modelling

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=31026325

Canada: Waterloo, ON

University of Waterloo, Department of Statistics & Actuarial Science

Lecturer Positions

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=31719064

France: Paris and Singapore

ESSEC Business School

Professor of Statistics

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=31017654

Hong Kong: Kowloon

The Hong Kong University of Science and Technology

Head of the Department of Mathematics

[*See display ad below*]

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=31362551

Israel: Jerusalem

Department of Statistics, Hebrew University

Tenure-Track Faculty Position

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=29992814

Taiwan: Taipei

Institute of Statistical Science, Academia Sinica

Regular Research Position

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=30570613

The Netherlands: Tilburg

Tilburg University - Tilburg School of Economics and Management

Tenure Track Assistant and/or Associate Professor

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=31574360

United Kingdom: Cambridge

University of Cambridge

University Lecturer in the Statistics and Mathematics of Information

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=31096723

Hong Kong: Kowloon

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THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY
School of Science
Head of the Department of Mathematics

The School of Science of the Hong Kong University of Science and Technology (HKUST) is seeking applications from outstanding academicians to lead the Department of Mathematics. Opened in October 1991, HKUST is a research-intensive university dedicated to the advancement of learning and scholarship, with special emphasis on postgraduate education, and close collaboration with business and industry. The School of Science, in which the Department of Mathematics is located, is also home to world-class Departments of Physics, Chemistry and Life Science. Its faculty is international in background and the official language of both administration and instruction at HKUST is English.

Reporting to the Dean of Science, the Head of the Department is expected to provide leadership for the Department, oversee faculty recruitment activities, guide and monitor resource allocation, and be responsible for the Department's academic advancement in both teaching and research. He/she is also expected to devise strategies to promote and facilitate collaborative, interdisciplinary research with individuals in other Departments within the School of Science as well as in the Schools of Engineering, Business and Humanities and Social Science.

Applicants should have an outstanding record of scholarship achievement, consistent with an appointment as Full Professor with tenure. They should have proven leadership abilities, experience leading collaborative research programs and demonstrated managerial skills. Qualified individuals should also have a broad appreciation of the research and educational opportunities in modern mathematics and possess outstanding communication and interpersonal skills.

HKUST salaries are highly competitive in the world market; within this context, the level of compensation will be commensurate with qualifications and experience. Generous fringe benefits will also be provided.

Application packages, including a curriculum vitae, a vision statement as well as the names, addresses, phone numbers and email addresses of at least three referees should be sent to: Office of the Dean of Science (Re: Head of the Department of Mathematics), The Hong Kong University of Science and Technology, Clear Water Bay, Kowloon, Hong Kong (or by email: dsci@ust.hk). Review of applications will begin immediately and will continue until the position is filled.

For further information about HKUST, the School of Science and the Department of Mathematics, please visit the following websites:
HKUST - http://www.ust.hk
School of Science – http://science.ust.hk
Department of Mathematics - http://www.math.ust.hk

United Kingdom: Cambridge

University of Cambridge, Department of Pure Mathematics & Mathematical Statistics and the Institute of Astronomy

Professorship of Statistical Science

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=31308041

United Kingdom: Cambridge

University of Cambridge, Department of Pure Mathematics & Mathematical Statistics and the Institute of Astronomy

University Lecturer in Astrostatistics

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=30968491

United Kingdom: Coventry

University of Warwick

Seven Academic Positions in Statistics

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=31474123

Employment Opportunities around the world

The Netherlands: Tilburg

Tilburg School of Economics and Management

Tilburg School of Economics and Management has a position available for:

Tenure Track Assistant and/or Associate Professor

Candidates in all areas of Econometrics, Applied (Micro-) Economics, Statistics, Data Science/Big Data, or a related field will be given serious consideration.

An assistant professorship is a tenure track position for six years. The position offers ample opportunities to do research as it carries a light teaching load (approximately one course per semester). After at most five years, a tenure decision is made.

Associate professor positions are tenured positions.

The assistant/associate professor is appointed at the Department of Econometrics and OR at the Tilburg School of Economics and Management.

Tilburg offers competitive European salaries. Moreover, researchers from outside the Netherlands can apply for tax-free allowance equal to 30% of their taxable salary. The University also offers a generous pension scheme. The School will provide assistance in finding suitable accommodation and in other relevant relocation issues.

Information about the Department of Econometrics and OR at the Tilburg School of Economics and Management can be found at: https://www.tilburguniversity.edu/about/schools/economics-and-management/organization/departments/eor.htm

Applications and accompanying documents should be submitted electronically, using this website:

https://mystudy.uvt.nl/it10.jm_home?teller=-1&pdep=ETRIE

Applications should be submitted no later than January 13, 2017. They should include a curriculum vitae, copies of written work, two reference letters (appraising the applicant's research potential) and, if applicable, teaching evaluations.

For further questions, you can contact the Recruitment Team at telephone: +31 13 466 2430 or e-mail: secretariat.econometrics@tilburguniversity.edu

Initial interviews may be done via video-conferencing. Subsequent interviews with the most promising candidates will be scheduled through campus visits to Tilburg University in the first quarter of 2017.

United Kingdom: Coventry

University of Warwick

Professor/Reader

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=31729654

United States: Berkeley, CA

UC Berkeley Statistics Department

Assistant Professor

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=30411930

United States: Berkeley, CA

UC Berkeley

Neyman Visiting Assistant Professor

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=30667129

United States: Berkeley, CA

UC Berkeley

Lecturer

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=30782008

United States: Los Angeles, CA

UCLA, Dept. of Statistics

UCLA Statistics and Mathematics Joint Faculty

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=31475615

United States: Los Angeles, CA

UCLA, Dept. of Statistics

UCLA Statistics/Communication Studies Joint Faculty

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=31475586

::: Advertise current job opportunities for only $285 for 60 days ::: See http://jobs.imstat.org for details :::

United States: Riverside, CA

University of California, Riverside

Cluster Hire in Mathematical Modeling of Complex Bio-Systems

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=31253511

United States: Riverside, CA

University of California, Riverside

Multiple Ladder-Rank Faculty of Business Analytics Positions including Endowed Chairs

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=31734100

United States: Riverside, CA

UC, Riverside Statistics Department

Tenured/Tenure-track Faculty Position

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=31273071

United States: Stanford, CA

Stanford University, Department of Statistics

Assistant Professor of Statistics or Probability

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=30411514

United States: Stanford, CA

Stanford University, Department of Statistics

Stein Fellow in Statistics or Probability

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=30411442

United States: New Haven, CT

Yale University, Department of Computer Science & Statistics

Assistant, Associate or Full Professor

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United States: New Haven, CT

Yale University, Department of Statistics

Assistant, Associate or Full Professor of Statistics

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=31690631

United States: Atlanta, GA

Georgia State University, Dept. Risk Management and Insurance

Faculty Positions in Actuarial Science

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=31719494

United States: Chicago, IL

University of Chicago, Department of Statistics

Assistant Professor

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=31406556

United States: DeKalb, IL

Northern Illinois University

Director - Statistics

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=31562129

United States: Evanston, IL

Northwestern University

Assistant or Associate Professor of Computer Science & Statistics

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=31136736

United States: West Lafayette, IN

Purdue University, Department of Statistics

Professor of Statistics - Bioinformatics

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=31234467

United States: Ann Arbor, MI

The University of Michigan

Tenure-track Assistant Professor

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=18619140

United States: East Lansing, MI

Michigan State University, Department of Statistics & Probability

Faculty Positions in Statistics and in Data Science

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=31100569

United States: Minneapolis, MN

University of Minnesota - School of Statistics

Tenure Track Assistant Professor

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=30536715

United States: Durham, NC

Duke University Statistical Science

Tenure Track, Open Rank Professor

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=30747056

United States: Princeton, NJ

Princeton University

Lecturer Position in Operations Research and Financial Engineering

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=30290808

United States: Las Vegas, NV

University of Nevada, Las Vegas - UNLV

Statistics, Assistant Professor

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=31306839

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STATISTICAL & APPLIED MATHEMATICAL SCIENCES INSITUTE (SAMSI) SEEKS NEW DIRECTOR

SAMSI is seeking its next Director, to begin the position no later than July 1, 2018. Candidates with vision, energy and experience are encouraged to apply. The appointment will be coincident with appointment as a tenured faculty member at one of the **SAMSI partner universities: Duke University, North Carolina State University, or the University of North Carolina at Chapel Hill.**

The Director has primary responsibility for the scientific leadership of SAMSI and for the administrative and financial functions required to realize the scientific vision. The Director will be a scholar with an international reputation of research in statistics, applied mathematics or a closely related field. SAMSI has a strong record of interdisciplinary research covering a wide variety of biological, physical and social sciences, and is seeking to expand actively in the fields of computing and data science. In addition, the Director is expected to have experience in university or departmental administration, and a willingness to provide leadership in other areas of importance to SAMSI including fundraising, education and outreach, and diversity.

SAMSI is a mathematical sciences institute whose primary source of funding is the National Science Foundation. Day to day management is in the hands of a Directorate consisting of the Director, the Deputy Director, two Associate Directors and an Operations Director. Financial and personnel management of the institute are overseen by a Governing Board chaired by Professor Robert Calderbank (Duke), including representatives of all three partner universities as well as the American Statistical Association and the Society for Industrial and Applied Mathematics. The selection of research programs is overseen by a National Advisory Committee consisting of leading national researchers in statistics, applied mathematics and disciplinary sciences. The Director has ultimate responsibility for: all the financial and personnel decisions of the institute; for liaison with the partner universities and the National Science Foundation; for working with the Operations Director on management of the staff and the facilities; and for long-term planning including fundraising. The Director also works closely with the Deputy and Associate Directors to provide on going oversight of SAMSI research programs and of the institute's education, outreach and diversity activities.

SAMSI is located in Research Triangle Park in North Carolina. The region is rich in terms of statistical and applied mathematical expertise, and in interdisciplinary scientists which are essential to many SAMSI programs.

Candidates are asked to send a CV and cover letter to **directorsearch@samsi.info**. **Review of applications will begin February 2, 2017 and will continue until the position is filled**.

Search Committee: James Berger (chair, Duke University), Mihai Anitescu (Argonne National Laboratory), Robert Calderbank (Duke University), Marie Davidian (North Carolina State University), M. Gregory Forest (University of North Carolina, Chapel Hill), Susan A. Murphy (University of Michigan), Javier Rojo (University of Nevada, Reno), Richard Smith (University of North Carolina, Chapel Hill), Michael Stein (University of Chicago), Margaret H. Wright (Courant Institute of Mathematical Sciences), Linda J. Young (National Agricultural Statistics Service).

*****SAMSI is an equal opportunity/affirmative action employer*****

SAMSI SEEKING NEW DEPUTY DIRECTOR

The Statistical and Applied Mathematical Sciences Institute (SAMSI) invites applications for the position of Deputy Director for a term of two years **beginning July 1, 2017**.

The Deputy Director will be a distinguished researcher who will provide scientific direction to the institute and oversight of the SAMSI grant, and who will work closely with the Director on all aspects of the institute's oversight and program activities. The Deputy Director will also be strongly encouraged to pursue personal research in conjunction with the SAMSI programs or independently.

Together with the Director, the Deputy Director forms the executive side of the SAMSI Directorate whom are responsible for the administration of programs, human resources, financial operation and infrastructure. Together with the other members of the Directorate, they also share the responsibilities of the selection, development and implementation of SAMSI programs.

The appointment will be made as a member of the research faculty at North Carolina State University.

Candidate must have a minimum of a Ph.D. in Mathematics or Statistics or equivalent.

Qualified candidates should be mathematicians or statisticians with excellent management skills and research record. Proven administrative and operational experience is an asset. In addition, the successful candidate will demonstrate a strong interest in further developing and expanding the mission of the institute.

Additional information and a link to **N.C. State University's Job site** for submitting applications may be found at: **https://jobs.ncsu.edu/postings/76044**.

Candidates are asked to attach a current curriculum vitae, letter of application, and contact information for three professional references. Informal inquiries may be addressed to **Richard Smith**, **Director of SAMSI**, **rls@samsi.info**. **Review of applications will begin February 2, 2017 and will continue until position is filled.**

Individuals with disabilities requiring disability-related accommodations in the application and interview process, please call **919-515-3148**. Final candidates are subject to criminal & sex offender background checks. Some vacancies also require credit or motor vehicle checks. If highest degree is from an institution outside of the U.S., final candidates are required to have their degree verified at **www.wes.org**. Degree must be obtained prior to start date.

NC State University participates in E-Verify. Federal law requires all employers to verify the identity and employment eligibility of all persons hired to work in the United States.

::: Advertise current job opportunities for only $285 for 60 days ::: See http://jobs.imstat.org for details :::

Employment Opportunities around the world

United States: Buffalo, NY
State University of New York at Buffalo
Chair of Biostatistics
http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=31611967

United States: Ithaca, NY
Cornell University, Department of Statistical Science
Faculty Position - All Ranks
http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=30103998

United States: Cleveland, OH
CWRU-Math
Assistant Professor- Tenure Track
http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=31561049

United States: Cleveland, OH
CWRU-Math
Assistant Professor- Tenure Track
http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=31561037

United States: Eugene, OR
University of Oregon
Three tenure track positions in Genomics, Bioinformatics or Statistical Genetics
http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=31053613

United States: Philadelphia, PA
University of Pennsylvania, Wharton Department of Statistics
Assistant, Associate, or Full Professor
http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=31026726

United States: Pittsburgh, PA
University of Pittsburgh Department of Statistics
Chair
http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=31101102

United States: Kingston, RI
The University of Rhode Island
Assistant Professor in Statistics
http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=31548749

United States: Brookings, SD
South Dakota State University
Assistant Professor of Statistics
http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=30611711

United States: Blacksburg, VA
Virginia Tech -- Virginia Polytechnic Institute
Faculty Positions in Statistics
http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=30973339

United States: Fairfax, VA
George Mason University, Department of Statistics
Open Rank Tenure-Track or Tenured Professorship
http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=31686246

United States: Norfolk, VA
Old Dominion University
Statistics - Assistant, Associate or Full Professor
http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=30685490

Visit the jobs section on the IMS website, where you can:

* *View job opportunities in probability and statistics, including in academia and industry*
* *Post your resume/CV online*
* *Create personal Job Alerts so that you never let a matching job opportunity pass you by…*

http://jobs.imstat.org/

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. Please submit your meeting details and any corrections to Elyse Gustafson: erg@imstat.org

January 2017

January 5: Atlanta, GA, USA. **Data, Information, Knowledge using Annual Survey of Math Science & CBMS Survey** w http://jointmathematicsmeetings.org/meetings/national/jmm2017/2180_progfull.html

January 23–25: Eindhoven, The Netherlands. **Young European Statistician (YES VIII)** w http://www.eurandom.nl/events/workshops/2017/YES_VIII/

January 23–25: Lunteren, The Netherlands. **16th Winter school on Mathematical Finance** w https://staff.fnwi.uva.nl/p.j.c.spreij/winterschool/winterschool.html

January 26–27: Utrecht, The Netherlands. **Third STAR workshop on Random Graphs** w http://www.math.uu.nl/stochsem/WorkshopRGs2017/

January 30–February 3: Bangkok, Thailand. Bangkok Workshop on Discrete Geometry and Statistics w http://thaihep.phys.sc.chula.ac.th/BKK2017DSCR/

February 2017

February 20–24: Berlin, Germany. **Stochastic Models, Statistics and Their Applications** w http://agzqs.stochastik.rwth-aachen.de/

February 23–24: Knoxville, TN, USA. **NSF INCLUDES Conference on Multi-Scale Evaluation in STEM Education** w http://www.nimbios.org/IncludesConf/

March 2017

March 6–10: CIRM-Luminy, France. **Random Structures in Statistical Mathematical Physics** w http://khanin-shlosman.weebly.com/research-school.html

IMS March 8–10: Washington DC, USA. **Reproducibility of Research: Issues and Proposed Remedies** w http://www.nasonline.org/programs/sackler-colloquia/upcoming-colloquia/

IMS March 12–15: Washington DC, USA. **ENAR Spring Meeting** w http://www.enar.org/meetings/future.cfm

NEW March 22–24: Bali, Indonesia. **ISI Regional Statistics Conference.** w http://www.isi-rsc2017.org

April 2017

April 5–7: Barcelona, Spain. **4th Control, Decision and Information Technologies (CoDIT17)** w http://codit2017.com

April 17–21: Yulara (Ayers Rock), NT, Australia. **Applied Probability @ The Rock** w http://www.maths.adelaide.edu.au/APatR/

April 20–22: Fort Lauderdale, Florida, USA. **20th Artificial Intelligence and Statistics (AISTATS)** w www.aistats.org

April 24–27: CIRM-Luminy, France. **Qualitative Methods in KPZ Universality** w http://khanin-shlosman.weebly.com/conference.html

April 26–28: Warwick, UK. **InSPiRe Conference: Methodology for Clinical Trials in Small Populations and Rare Diseases** w http://warwick.ac.uk/inspireconference

April 30–May 5: Ascona, Switzerland. Statistical Challenges in Single-Cell Biology w https://www.bsse.ethz.ch/cbg/cbg-news/ascona-2017.html

May 2017

NEW May 3–5: Knoxville, TN, USA. **NIMBioS Investigative Workshop: Species' Range Shifts in a Warming World.** w http://www.nimbios.org/workshops/WS_rangeshifts

NEW IMS May 5–7: Atlanta, GA, USA. **The Fifth Workshop in Biostatistics and Bioinformatics** w http://math.gsu.edu/~yichuan/2017Workshop

IMS May 5–13: Erice, Sicily, Italy. **6th Workshop on Stochastic**

Methods in Game Theory
w https://sites.google.com/site/ericegametheory2017

May 31–June 2: Santorini, Greece. **Thera Stochastics: A Mathematics Conference in Honor of Ioannis Karatzas w** http://www.math.columbia.edu/department/thera/

June 2017

June 5–30: Vancouver, BC, Canada. **PIMS-CRM Summer School in Probability w** http://www.math.ubc.ca/Links/ssprob17/

June 6–9: London, UK. **17th Applied Stochastic Models and Data Analysis (ASMDA) w** www.asmda.es

June 6–9: Yorktown Heights, NY, USA. **ISBIS 2017: Statistics in Business Analytics w** www.isbis2017.org

June 19–23: New York, USA. **Dynamics, aging and universality in complex systems w** http://cims.nyu.edu/conferences/gba60/

June 20–23: Riverside, CA, USA. **10th International Conference on Multiple Comparison Procedures w** http://www.mcp-conference.org/hp/2017

June 24–28: Santa Fe, NM, USA. **2017 WNAR/IMS Meeting w** TBC

June 25–28: Cairns, QLD, Australia. **37th International Symposium on Forecasting w** https://forecasters.org/isf/

June 25–July 15: Park City, Utah, USA. **Random Matrix Theory Summer Session w** https://pcmi.ias.edu/upcoming

June 26–30: Paris, France. **Bayesian Nonparametrics w** https://www.ceremade.dauphine.fr/~salomond/BNP11/index.html

June 26–30: Delft, The Netherlands. **10th Conference on Extreme Value Analysis: EVA 2017 w** www.eva2017.nl

June 28–July 1: Nanning, Guangxi Province, China. **2017 IMS-China International Conference on Statistics and Probability w** TBC

July 2017

July 2–7: Groningen, The Netherlands. **IWSM 2017 w** http://iwsm2017.webhosting.rug.nl/

July 3–7: Wollongong, NSW, Australia. **ICORS 2017 w** http://niasra.uow.edu.au/icors2017/index.html

July 9–13: Vigo, Spain. **38th Annual Conference of the International Society for Clinical Biostatistics w** TBC

July 16–21: Marrakech, Morocco. **61st ISI World Statistics Congress 2017 w** http://www.isi2017.org/

July 24–28: Moscow, Russia. **39th Conference on Stochastic Processes and their Applications (SPA) w** TBC

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

Come to JSM 2017: this is Baltimore Inner Harbor at night (photo by Mitch Lebovic)

August 2017

August 12–14: St Louis, MO, USA: **Second Workshop on Higher-Order Asymptotics and Post-Selection Inference (WHOA-PSI)^{2} w** http://www.math.wustl.edu/~kuffner/WHOA-PSI-2.html

August 25–29: Debrecen, Hungary. **XXXIV International Seminar on Stability Problems for Stochastic Models w** https://arato.inf.unideb.hu/isspsm2017/index.php

August 28–September 1: New York, USA. **Dyson–Schwinger equations, topological expansions, and random matrices w** http://www.math.columbia.edu/department/probability/seminar/guionnet.html

Continues on **page 26**

International Calendar *continued*

August 28–September 1: Vienna, Austria. **CEN-ISBS Vienna 2017 Joint Conference on Biometrics & Biopharmaceutical Statistics** w www.cenisbs2017.org

September 2017

September 25–27: Washington DC. **2017 ASA Biopharmaceutical Section Regulatory-Industry Statistics Workshop** w http://ww2.amstat.org/meetings/biopharmworkshop/2017/

March 2018

March 25–28: Atlanta, GA, USA. **ENAR Spring Meeting** w http://www.enar.org/meetings/future.cfm

July 2018

July 2–6: Vilnius, Lithuania. **Joint 2018 IMS Annual Meeting and 12th International Vilnius Conference on Probability Theory & Mathematical Statistics** w TBC

July 9–13: Edinburgh, UK. **ISBA 2018 World Meeting** w TBC

July 16–20: Bristol, UK. 33rd International Workshop on Statistical Modelling w http://www.statmod.org/workshops.htm

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

March 2019

March 24–27: Philadelphia, PA, USA. **ENAR Spring Meeting** w http://www.enar.org/meetings/future.cfm

July 2019

July 14–18: Leuven, Belgium. **40th Annual Conference of the International Society for Clinical Biostatistics** w http://www.icsb.info

July 27–August 1: Denver, CO, USA. **IMS Annual Meeting at JSM 2019** w http://amstat.org/meetings/jsm/

March 2020

March 22–25: Nashville, TN, USA. **ENAR Spring Meeting** w http://www.enar.org/meetings/future.cfm

July 2020

July 5–11: Portoroz, Slovenia. **8th European Congress of Mathematics.** w http://www.8ecm.si/

August 2020

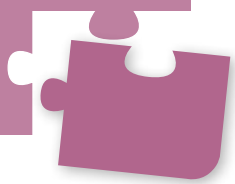
August 1–6: Philadelphia, PA, USA. **JSM 2020** w http://amstat.org/meetings/jsm/

August 17–21: Seoul, Korea. **Bernoulli/IMS World Congress on Probability and Statistics** w TBC

August 2021

August 7–12: Seattle, WA, USA. **IMS Annual Meeting at JSM 2021** 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.
You can email the details to Elyse Gustafson at erg@imstat.org, or you can submit the details yourself at http://www.imstat.org/submit-meeting.html
We'll list them here in the Bulletin, and on the IMS website too, at www.imstat.org/meetings/



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.

Individual Memberships

Each individual member receives the *IMS Bulletin* (print and/or electronic) and may elect to receive one or more of the five scientific journals. Members pay annual dues of $105. An additional $79 is added to the dues of members for each scientific journal selected ($49 for *Stat Sci*). **Reduced membership** dues are available to full-time students, new graduates, permanent residents of countries designated by the IMS Council, and retired members.

Individual and General Subscriptions

Subscriptions are available on a calendar-year basis. **Individual subscriptions** are for the personal use of the subscriber and must be in the name of, paid directly by, and mailed to an individual. Individual subscriptions for 2017 are available to *The Annals of Applied Probability* ($194), *The Annals of Applied Statistics* ($194), *The Annals of Probability* ($194), *The Annals of Statistics* ($194), *Statistical Science* ($164), and *IMS Bulletin* ($115). **General subscriptions** are for libraries, institutions, and any multiple-readership use. Institutional subscriptions for 2017 are available to *The Annals of Applied Probability*, *The Annals of Applied Statistics*, *The Annals of Probability*, and *The Annals of Statistics* (each title $490 online only / $522 print+online), *Statistical Science* ($280/$296), and *IMS Bulletin* ($123 print). Airmail rates for delivery outside North America are $140 per title.

IMS Bulletin

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

The *IMS Bulletin* (ISSN 1544-1881) is published eight times per year in January/February, March, April/May, June/July, August, September, October/November and December, by the Institute of Mathematical Statistics, 3163 Somerset Dr, Cleveland, Ohio 44122, USA. Periodicals postage paid at Cleveland, Ohio, and at additional mailing offices. Postmaster: Send address changes to Institute of Mathematical Statistics, 9650 Rockville Pike, Suite L3503A, Bethesda, MD 20814-3998.

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A single 60-day online job posting costs just $285.00. We will also include the basic information about your job ad (position title, location, company name, job function and a link to the full ad) in the *IMS Bulletin* at no extra charge. See http://jobs.imstat.org

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Meeting announcements in the *Bulletin* and on the IMS website at http://imstat.org/meetings/ are free. Send them to Elyse Gustafson; see http://www.imstat.org/program/prog_announce.htm

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Issue	Deadline	Online by	Mailed
1: January/February	**December 1**	December 15	January 1
2: March	**February 1**	February 15	March 1
3: April/May	**March 15**	April 1	April 15
4: June/July	**May 1**	May 15	June 1
5: August	**July 1**	July 15	August 1
6: September	**August 15**	September 1	September 15
7: Oct/Nov	**September 15**	October 1	October 15
8: December	**November 1**	November 15	December 1

Volume 46 · Issue 1

the next issue is March 2017

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

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DEADLINES for submissions

February 1, then **March 15**

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http://projecteuclid.org/aop

THE ANNALS *of* PROBABILITY

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Articles

Propagation of chaos for the Landau equation with moderately soft potentials
Nicolas Fournier and Maxime Hauray 3581
Sobolev differentiable flows of SDEs with local Sobolev and super-linear growth coefficients . . . . . Longjie Xie and Xicheng Zhang 3661
Large deviation estimates for exceedance times of perpetuity sequences and their dual processes . . . . . Dariusz Buraczewski, Jeffrey F. Collamore, Ewa Damek and Jacek Zienkiewicz 3688
Mean field games with common noise
René Carmona, François Delarue and Daniel Lacker 3740
Quantum gravity and inventory accumulation . . . . . Scott Sheffield 3804
A central limit theorem for the Euler characteristic of a Gaussian excursion set
Anne Estrade and José R. León 3849
Wired cycle-breaking dynamics for uniform spanning forests . . . . . Tom Hutchcroft 3879
The slow regime of randomly biased walks on trees . . . . . Yueyun Hu and Zhan Shi 3893
Brownian occupation measures, compactness and large deviations
Chiranjib Mukherjee and S. R. S. Varadhan 3934
The chaotic representation property of compensated-covariation stable families of martingales . . . . . Paolo Di Tella and Hans-Jürgen Engelbert 3965
High temperature limits for $(1+1)$-dimensional directed polymer with heavy-tailed disorder . . . . . Partha S. Dey and Nikos Zygouras 4006
Characteristic functions of measures on geometric rough paths
Ilya Chevyrev and Terry Lyons 4049
Transience and recurrence of a Brownian path with limited local time
Martin Kolb and Mladen Savov 4083
Random walks and isoperimetric profiles under moment conditions
Laurent Saloff-Coste and Tianyi Zheng 4133
A Gaussian upper bound for martingale small-ball probabilities
James R. Lee, Yuval Peres and Charles K. Smart 4184

Vol. 44, No. 6—November 2016