Bernoulli News

Newsletter of the Bernoulli Society for Mathematical Statistics and Probability

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CONTENTS

Follow Official Page

Editor
BOJANA MILOŠEVIĆ

Faculty of Mathematics
Univeristy of Belgrade
belgrade, serbia

Contact
bojana.milosevic@matf.bg.ac.rs

A VIEW FROM THE PRESIDENT

EMS 2026
LUGANO

Dear Members of the Bernoulli Society,

The summer conference travel season is upon us, and the Bernoulli Society is holding several meetings, as usual, and I hope to meet many of you at one or more of these. Our Annual General Meeting will be held in conjunction with the European Meeting of Statisticians in Lugano, Switzerland, August 24—28. The opening lecture will be given by Alexandra Carpentier, and the Forum Lectures by Liza Levina. Plenary talks by Richard Nickl, Philippe Rigolet, Veronika Rockova, Johannes Schmidt-Hieber, and Johanna Ziegel will anchor an exciting program of 21 invited paper sessions, oral contributions, and a poster session.

The annual meeting of the Institute of Mathematical Statistics is taking place in Europe this year, in Salzburg, Austria, July 6—9. Several other summer meetings under our sponsorship are taking place around the world; see our conference web pages and p.12.

I am pleased to say that the Young Researchers' Committee is organizing receptions for new researchers at the Lugano meeting, the meeting on Stochastic Processes and their Applications (SPA) in June, and at the IMS Annual Meeting in Salzburg, jointly with the IMS New Researchers' Committee. These events are always popular, and the definition of 'new' is quite flexible!

... Continued on p. 1

Deadline for the next issue: **30 September, 2026**
Send contributions to: *bojana.milosevic@matf.bg.ac.rs*

A View from the President (continued from front cover)

The Executive Committee will be renewed effective July 1, although officially at our AGM in August. Mark Podolskij has completed his four-year term as Publications Secretary, and Vladas Pipiras has been elected in his place. Vladas joins the 3 presidents, Victor Panaretos, Maria Eulalia Vares, and me; the Treasurer, Claudia Kirch; the Membership Secretary, Po-Ling Loh; the Scientific Secretary, Jeff Lai; and the Publicity Secretary, Corina Constaninescu. Our nominating committee has completed its deliberations and has put forward a slate for President-Elect and six new Council members. This slate nominates Professor Byeong Park, from Seoul National University, for President-Elect, and I am happy to say that Byeong has accepted to stand for nomination. The slate also nominates six members for election to the Council: Siva Athreya, India; Bojan Basrak, Croatia; Matias Cattaneo, USA; Pablo Ferrari, Argentina; Patricia Gonçalves, Portual; Arturo Kohatsu-Higa, Japan. The slate of nominees has been presented to Council for their votes, and will be reported to the membership at our AGM in 2027, during the World Statistics Congress in Lusaka, Zambia.

Over the past months the Council has approved several awards, as usual, some of which are joint with other societies. (A full list of our awards is on our web pages, and the current award winners are highlighted on p.3.) An important point emerged as part of the voting discussion—we need always to be mindful to cast a wide net when considering colleagues for awards, and in particular to try as much as possible to avoid putting forth the 'usual suspects'. I confess I have been guilty of the latter myself, we are all pressed for time, and it is convenient to reply quickly with our first thoughts. The Executive Committee with help from Council is preparing some guidelines to be circulated to committee members when a call for an awards is issued. Thanks are due to Council member Amandine Veber for raising this important point.

During my travels this winter and spring, and indeed during my home stays, discussions around "what to do about AI" arose more frequently than any other. The emergence of large language models has had a particularly disruptive impact on academic work in teaching, publishing, and research. It is becoming clear that forbidding our students to use LLMs for report writing, coding, etc., is essentially hopeless—the siren song of a shortcut is just too strong to ignore, and their counter-argument that it's important for them to learn how to use these tools is difficult to refute. While it's still very difficult to predict how this will evolve over the coming years, it does seem to suggest that we need to structure our courses differently to acknowledge this new reality. More directly impacting the Bernoulli Society, and all academic publishers, is the recent fairly dramatic increase in the number of papers submitted for publication. Some of this might be the "machine-learning effect", where the schedule of submission and reviewing of conference presentations is quite short. But there is a definite impression that researchers in all fields are using LLMs to write papers more quickly, and hence to write more papers. This is putting strain on our system of peer review; most notably, some journals are suggesting to have two, or even three, joint editors, simply to manage the workload. This doesn't address however the increased reviewer workload, which until now has functioned reasonably well on a kind of honour system, whereby we acknowledge that each of us should expect to review at least twice as many papers as we submit. All the publishers I know are also struggling with what information authors should provide with regard to their use of LLMs. The publications committee is studying this issue closely and is expected to report in time for the AGM.

As always, I encourage you to become involved in the Bernoulli Society in any way that captures your interest and ask you to encourage your colleague and collaborators to join the society.

Nancy Reid
President of the Bernoulli Society
Canada

News from the Bernoulli Society

New chair of LARC and a new member of YRC

We are delighted to announce two new appointments. Airam Blancas (Autonomous Technological Institute of Mexico, Mexico) has joined the Bernoulli Young Researchers Committee, succeeding Andressa Cerqueira, and José Alexander Ramírez (University of Costa Rica, Costa Rica) has become the new Chair of the Latin America Regional Committee, succeeding Inés Armendáriz. We extend our heartfelt thanks to the outgoing officers for their invaluable contributions and wish the newly appointed members every success in their new roles.

Alessia Caponera
Bernoulli e-Briefs
Rome

General Assembly of the Bernoulli Society

The General Assembly of the *Bernoulli Society* will take place during the *European Meeting of Statisticians (EMS)* in Lugano on Monday, August 24, from 11:30 to 12:30. It will also be possible to participate online.

ISI WSC 2027: Call for Invited Paper Sessions

The Scientific Program Committee of the ISI World Statistics Congress 2027 taking place in Lusaka, Zambia, from July 11-15, 2027, is currently inviting proposals for Invited Paper Sessions (IPS).

This is an excellent opportunity to showcase recent developments and emerging topics in probability, statistics, and data science to an international audience. We strongly encourage Bernoulli Society members to submit short proposals indicating the title and the names of tentative speakers.

Further information on the IPS format, submission guidelines, and proposal process can be found here:https://www.isi-next.org/proposals/role-options/51/1/

Please select "Bernoulli Society" in the Associations/Committees tab when submitting a proposal. The deadline for IPS submissions is June 16, 2026.

Special Issue: Celebrating 140 Years of the International Statistical Institute

The Revista Colombiana de Estadística (RCE) has announced a special issue entitled "Celebrating 140 Years of the International Statistical Institute – Advances in Theory and Applications." The special issue is organized in collaboration with the ISI Outreach Committee for Latin America and the Caribbean and the ISI Young Statisticians Committee, with guest editors representing the Bernoulli Society. The issue aims to showcase recent advances in both theoretical and applied statistics, highlighting contributions that reflect the diversity, vitality, and global impact of the statistical sciences.

Submissions are invited from researchers worldwide, including members of the Bernoulli Society community. Topics of interest include, but are not limited to, statistical modeling and inference, probability theory, stochastic processes, spatial and temporal statistics, Bayesian methods, and interdisciplinary applications of statistics.

Submission deadline: June 20, 2026.

Further information and submission guidelines are available at: https://revistas.unal.edu.co/index.php/estad/announcement/view/152

RSS Call for discussion papers

The RSS Discussion Meetings Committee, along with the RSS Emerging Applications Section, invites submissions of discussion papers on the roles of statistics and machine learning in large language models and artificial intelligence.

More details, including deadlines, can be found at https://rss.org.uk/news-publication/news-publications/2026/member-callouts/call-for-discussion-papers-on-the-roles-of-statist/

Awards and Prizes

The winner of Wolfgang Doeblin Prize

The Wolfgang Doeblin Prize recognizes outstanding research achievements by early-career researchers in probability theory and honors the scientific legacy of Wolfgang Doeblin.

We are pleased to announce that the recipient of the 2026 Wolfgang Doeblin Prize is Jiaoyang Huang, Associate Professor at the University of Pennsylvania. His biography and an interview with him can be found on page 7.

New Researcher Award in Mathematical Statistics – Call for Applications

The Bernoulli Society New Researcher Award recognizes the work of outstanding young researchers in the fields of Mathematical Statistics and Probability. The awardees of this annual prize shall give a presentation in a special session at one of our major conferences, and will receive a funding towards travel and other expenses. Bernoulli News publishes their pictures and a paragraph about their work.

The Bernoulli Society welcomes applications to the 2027 New Researcher Award. Eligible candidates are active researchers in Mathematical Statistics who obtained the PhD degree on or after June 30, 2021, and who are regular members of the Bernoulli Society. An extension may be given to those having had disruptions after receiving the PhD, such as parenthood. Diversity among the awardees is one of the Society's goals, and therefore women and members of under-represented groups are particularly encouraged to apply. Candidates should apply through the web form here and send the required documents to ber.soc.yra@gmail.com, by June 30, 2026. More details on this award can be found at https://bernoullisociety.org/prizes/267-bernoulli-society-new-researcher-award

The Willem van Zwet Medal - Call for Nominations

This biennial Bernoulli Society Medal aims to recognise special service to the Bernoulli Society. The Medal is in honour of Willem van Zwet, who served Bernoulli Society and its aims in many special ways. Nominees should have records of sustained and distinguished service to the Society. The previous awardees were Maria Eulalia Vares (2021), Thomas Mikosch (2023) and Herold Dehling (2025).

A call for nominations for the Willem van Zwet Medal is now open. Nominations should be sent by email to secretariat@bernoullisociety.org and should be signed by two members of the Bernoulli Society. The deadline for submissions of nominations is September 30, 2026. For more details, both of eligibility for the award and of what is needed for the nomination, please visit the webpage https://bernoullisociety.org/prizes/53-general/323-willem-van-zwet-medal.

Bernoulli Prize for an Outstanding Survey Article in Statistics – Call for Nominations

Bernoulli Prize for an Outstanding Survey Article in Statistics – Call for Nominations Nominations for the 2026 Bernoulli Prize for an Outstanding Survey Article in Statistics are open. The prize recognises the author(s) of an influential survey publication in statistics that addresses an area of active or emerging importance and has demonstrated significant impact. The article must appear in a peer-reviewed journal or book, in either print or electronic format.

Nomination materials should be emailed to secretariat@bernoullisociety.org by July 15, 2026. For more details, please visit the prize webpage https://bernoullisociety.org/prizes?id=156.

2027 Ethel Newbold Prize – Call for Nominations

The Bernoulli Society's Newbold Prize Committee invites nominations for the 2027 Ethel Newbold Prize. Established in 2014, this biennial prize honours the significant contributions of women to the field of statistics. The award, generously supported by Wiley, recognises excellence in statistics without regard to the gender of the recipient.

The Ethel Newbold Prize will be awarded to an outstanding early or mid-career scientist whose work demonstrates excellence in mathematical statistics or in research that links developments in a substantive field to new advances in statistics. The award consists of the prize amount of 2,500€ together with an award certificate. The recipient will also be invited to present a talk at the next Bernoulli-IMS World Congress, a Bernoulli-sponsored major conference, or the ISI World Statistics Congress.

The prize will only be awarded if the set of nominations includes candidates of both genders. Nominations should include a letter outlining the nominee's achievements and contributions and a recent curriculum vitae of the nominee.

In order to nominate someone, please send your nomination and any inquiries to Richard Nickl nickl@maths.cam.ac.uk. The deadline for submissions is 30 November 2026. The winner will be announced in early 2027.

More information is available at https://www.bernoullisociety.org/index.php/prizes?id=207

New Executive Members in the Bernoulli Society

New member of Bernoulli Young Researchers Committee

Short bio: Dr. Airam Blancas is an Associate Professor in the Department of Statistics at Instituto Tecnológico Autónomo de México (ITAM). She earned her Bachelor's degree in Mathematics from Universidad Autónoma de Sinaloa, graduating with the highest academic distinction in her class, and later completed both her Master's and PhD in Probability and Statistics at Centro de Investigación en Matemáticas. During her doctoral studies, she carried out research at Sorbonne University, where she became involved in interdisciplinary research connecting probability theory with evolutionary biology. In recognition of her outstanding achievements, she received the "Sofía Kovalevskaya" distinction awarded by the Mexican Mathematical Society.

Before joining ITAM, Dr. Blancas held postdoctoral appointments at Goethe University Frankfurt and Stanford University. Her research lies at the intersection of probability theory, stochastic processes, and mathematical biology, with particular interest in branching processes, coalescent structures, and stochastic models for population evolution. Through collaborations with researchers across Europe and the Americas, she has contributed to the development of probabilistic approaches for studying evolutionary dynamics and genealogical structures. She is also actively involved in international research collaborations and academic service within the probability community.

The new chair of LARC

Short bio: José Alexander Ramírez is a professor and researcher at the University of Costa Rica. He earned degrees in electrical engineering and mathematics from the University of Costa Rica and obtained his PhD in Mathematics from New York University, specializing in stochastic processes. Following a postdoctoral appointment at Cornell University, he joined the University of Costa Rica, where he has served as Director of the Graduate Program in Mathematics, Director of the Department of Pure Mathematics and Actuarial Sciences and Director of the Research Institute.

In addition to his academic work, he spent several years at the National Bank of Costa Rica, contributing to the development of mathematical modeling within the national financial system. He has also held visiting positions at the University of Colorado Boulder and Harvard University. His main research interests include random matrices and stochastic processes. Among his distinctions are a Clay Foundation fellowship, the Wilhelm T. Magnus Award from NYU, and the TWAS-CONICIT Award received in 2012.

Vision of the Job: I would like SLAPEM to support the consolidation of research groups in probability and mathematical statistics across the Latin American region. This involves not only maintaining the CLAPEM conference, but also creating new spaces for interaction among researchers within the region and with the broader international community.

Obituary

Klaus Krickeberg (1929-2025)

On November 27, 2025, the distinguished mathematician and outstanding teacher Klaus Krickeberg passed away at the age of 96. His broad scientific interests concerned the fields of analysis, martingales, stochastic geometry and point processes, and moreover epidemiology and public health. To him mathematics was a reflection of reality, in which he developed gradually from the abstract to the concrete. Geometrical insight is visible in all his work. Born in 1929 in Ludwigslust, Krickeberg grew up in a medically oriented family. His father was a radiologist and his mother a medical technical assistant. His intelligence became evident early on. After only three years of primary school he entered the College français in Berlin, a secondary school founded in 1689 for children of Huguenot refugees, among them his maternal ancestors. Krickeberg completed his secondary education in 1946 and began university studies in autumn. The lectures of Erhard Schmidt impressed him deeply; later he described them as the most wonderful lectures I ever heard, delivered entirely from memory. Completing his studies in 1951, he earned his doctorate at twenty-three, and 1954 he completed his habilitation in Würzburg. By twenty-nine, he had become one of the youngest professors of his time: 1958 - 1971 Heidelberg; 1971 - 1975 Bielefeld; 1975 - 1998 Paris-V-René-Descartes. His scientific work comprises in this first mathematical period the following fundamental contributions: convergence of martingales with a directed index set; distributions in the sense of Laurent Schwartz, functions of bounded variation and Lebesgue surface measure of a non-parametric surface, strong mixing properties of Markov chains with infinite invariant measure, invariance properties of the correlation measure of line processes; moments of point processes. His mathematical teaching reached a wide audience by means of three books. But also by locally published surveys and notes, written for his lectures in Chile, Cuba, Poland or Vietnam - and always in the local language. They have been particularly influential, each of them recasting complicated and unarranged material in an accessible and elegant form, thereby setting clear lines for future research. From 1971 to 1985 he was chief editor of the Journal of Probability and Related Fields. In 1992 he initiated the book series Statistics for Biology and Health. In 1974 he travelled by train to Vietnam to teach mathematics in Hanoi. After that, be returned year after year to support Vietnamese scientists. Over time, his commitment expanded beyond mathematics. In the final decades of his life, improving healthcare and health education in Vietnam became a central focus. He worked to strengthen epidemiological teaching, co-

authored books with Vietnamese colleagues, gave lectures, and organized workshops. Klaus Krickeberg became a Fellow of the Institute of Mathematical Sciences in 1968. He was elected into the International Statistical Institute (ISI) in 1971, was member of its Council 1985-1989 and chairman of its committee for the development of statistics in developing countries 1987 - 1991. He was president of the Bernoulli Society 1977 – 1979. He initiated the establishment of the Latin America Regional Committee (LARC) and the East-Asian and Pacific Regional Committee (EAPRC) and was chairman of the program committee of the first world congress of this society in Tashkent 1986. (In Bernoulli News, 29 (2), 9 – 10, he tells anecdotes about this congress.) In 1983 he was elected into the German National Academy of Sciences Leopoldina. Klaus Krickeberg received an honorary doctorate from the Faculty of Social and Economic Sciences at the University of Vienna in 1990. He was elected as a Fellow of the World Academy of Sciences for the advancement of science in developing countries (TWAS) in 1994. He has received several distinctions for his activities in Vietnam. In the year 2009 it was the Medal of the Ministry of Health for Contributions to the Health of the Population. Then, in 2011 the National University of Sciences of Ho Chi Minh-City bestowed on him its "Honorary Doctor" degree for his work in mathematics, and in 2015 the Thai Binh University of Medicine and Pharmacy made him its "Honorary Professor". For his 90th birthday in 2019 he received the Friendship Order, the highest order bestowed by the Vietnamese government on foreign individuals by the President of Vietnam for "many positive essential contributions to the development of the Vietnamese health sector". (Bernoulli News, 26 (1), 5)

Klaus Dietz (University of Tübingen, Germany)

and

Hans Zessin (University of Bielefeld, Germany)

originally published in IMS Bulletin, Vol. 55, No. 3 (2026)

Paul Deheuvels (1948–2026)

Having retired from the Universit´e Pierre et Marie Curie (now Sorbonne Universit´e) in 2013, after spending his entire academic carreer there, Paul Deheuvels sadly passed away last January. Son of the French mathematician, Ren´e Deheuvels, he was born in Istanbul, where his father was teaching at the French Lyc´ee. He spent his younger years in Princeton and New Haven, where his father was visiting the Institute for Advanced Study and Yale University, respectively. The family then returned to Bourg-la-Reine, in suburban Paris, where Paul Deheuvels spent the rest of his life, apart from academic visits and mountainering trips.

Paul Deheuvels was a precocious and exceptional student, entering the prestigious Ecole Nornmale Sup´erieure (ENS) at age 19, becoming the youngest ´ graduate of the mathematics agr´egation (an ´elite teaching qualification) at age 21, and being hired as the youngest full professor at Universit´e Pierre et Marie Curie at age 26.

His contributions to mathematical statistics and probability theory are numerous and impactful. He worked on extreme values, empirical processes, iterated logarithm refinements, copulas, and nonparametric statistics. For instance, he extended extreme value theory to multivariate settings with deep convergence results. He made considerable progress on kernel density estimators, especially for the challenging problem of tail estimation. He further contributed to the construction and understanding of nonparametric tests based on order statistics. His scientific papers and conferences were written with absolute mathematical rigour and conciseness, as well as beautiful calligraphy on the blackboards he always used for his presentations.

He was able to combine this strong mathematical inclination with an enthusiasm for applied statistics, as demonstrated by his creating in 1980 the (first) statistics laboratory at Universit´e Pierre et Marie Curie, the Laboratory of Theoretical and Applied Statistics (LSTA), which he directed until 2013. He also acted as a consultant for TotalEnergies and the pharmaceutical company Sanofi for several decades.

Paul Deheuvels was also recognised for his mentoring qualities. He advised more than a hundred PhD students, including Michel Broniatowski, Adrian Raftery, Zhan Shi and Jean-David Fermanian. His mentorship and support often extended way beyond the PhD years and included junior colleagues at Universit´e Pierre et Marie Curie.

He became an IMS Fellow in 1986 and was elected to the French Academy of Sciences (as the first statistician) in 2000, after receiving the Prix Gegner from this academy. He was also the first recipient of the Prix Pierre-Simon de Laplace from the French Statistical Society (SFDS), jointly with Pascal Massart (Orsay).

Paul Deheuvels is survived by his mother, his wife, his four daughters and twelve grandchildren.

Christian Robert
(Université Paris Dauphine–PSL, France)
and
Adrian Raftery (University of Washington, USA)
originally published in IMS Obituaries, March 31, 2026

A Conversation with Jiaoyang Huang

Moderated by Editor

Jiaoyang Huang is an Associate Professor in the Department of Statistics and Data Science at the University of Pennsylvania, with a secondary appointment in the Department of Mathematics. Before joining Penn, he was a postdoctoral researcher at the Courant Institute of Mathematical Sciences at New York University and a Simons Junior Fellow from 2020 to 2022. He was also a member of the Institute for Advanced Study (IAS) during the 2019–2020 academic year. Huang received his Ph.D. in Mathematics from Harvard University under the supervision of Horng-Tzer Yau.

His research interests lie in probability theory and its applications to statistics, combinatorics, statistical physics, and computer science. In particular, his work focuses on sparse random graphs and random matrices, where he studies the spectral properties of random regular graphs and Erdős–Rényi graphs. He has also made important contributions to interacting particle systems, including discrete log-gases, nonintersecting random walks, and random tiling models, establishing universality results for their asymptotic behavior. More recently, his research has expanded toward statistical learning theory and deep neural networks, with an emphasis on optimization and generalization properties, as well as posterior sampling and diffusion models for Bayesian inference, generative modeling, and uncertainty quantification in large-scale inverse problems.

Huang's research has been supported by the National Science Foundation. He received the 2026 Wolfgang Doeblin Prize, the Bernoulli Society New Researcher Award in 2024, and a Sloan Research Fellowship in 2024. He was also a finalist for the Blavatnik Regional Awards in 2022 and served as a Simons Junior Fellow from 2020 to 2022.

B.M. Your work moves remarkably naturally between highly rigorous probability theory and modern machine learning. Did your interest in these areas develop independently, or did one direction gradually lead you toward the other?

J.H. The main focus of my research is to understand universality in random matrix theory. This subject goes back to the physicist Eugene Wigner, who introduced random matrices in the 1950s to model the energy spectra of heavy atoms. Since then, it has evolved into a major area of probability theory. Many important areas of modern mathematics and probability, such as the KPZ equation, SLE curves, and Yang–Mills theory, also originated in physics. Physicists often write down equations or theories to describe the world, and mathematicians then try to understand them rigorously and put them on solid mathematical foundations. I think this interaction is one of the main engines for new mathematical theory.

I became interested in machine learning when I was a PhD student at Harvard, where I took several classes on statistical learning and deep learning. Since then, I have also worked on deep learning models, which are built out of matrices and tensors and are therefore naturally related to random matrix theory, and more recently on diffusion models.

B.M. Some of your recent work connects probability theory with deep learning and diffusion models. Do you feel that modern machine learning is creating genuinely new mathematical questions, or mostly providing new contexts for classical probabilistic ideas?

J.H. Compared with understanding the universe, understanding machine learning models may be even more

challenging in a different way. The universe is relatively stable, and we believe it is governed by fundamental principles such as Newton's laws and Einstein's general relativity. But machine learning models are changing extremely fast. It is hard to say whether their impressive performance comes from deep principles, clever theory, brute-force engineering, or some mixture of all of these. Still, I am optimistic. I believe that one day we will better understand the "DNA" of these models. And perhaps, just like physics inspired so much modern mathematics, understanding machine learning will also lead us to new mathematical ideas.

B.M. What advice would you give to young researchers entering probability theory and today?

J.H. I have worked on some problems for many years, for example my work on the edge universality of random regular graphs. I first started thinking about this problem when I was a PhD student at Harvard, after my advisor suggested it to me. Over the past ten years, this problem kept coming back to me again and again. Together with collaborators, we gradually found more structure, understood the problem better, and developed new techniques, until we finally cracked it in joint work with Theo and Prof. Yau.

Looking back, it was a great mathematical journey for me. If we were starting today, with the progress of AI, the searching process would probably be much shorter. But even if it took longer, I would not mind.

So for anyone who wants to get into probability theory today, my advice is simple: find a problem you are truly excited about, work on it, enjoy the process, and be persistent.

Forthcoming Conferences, Meetings and Workshops, and Calendar of Events

Organized, Sponsored and Co-Sponsored by Bernoulli Society for Mathematical Statistics and Probability

The 45th Conference on Stochastic Processes and their Applications

The 45th Conference on Stochastic Processes and their Applications (SPA 2026) will take place on June 14–20, 2026, at Cornell University in Ithaca, New York, USA. Organized under the auspices of the Bernoulli Society, SPA is the premier international conference dedicated to stochastic processes and their applications, bringing together researchers from around the world to discuss recent advances in probability theory and related fields. The Program Committee is chaired by Davar Khoshnevisan, while the Local Organizing Committee is co-chaired by Laurent Saloff-Coste and Gennady Samorodnitsky. The conference will feature several distinguished lectures:

- 2026 BS/IMS Schramm Lecture – Roland Bauerschmidt (New York University, USA);
- 2026 IMS Medallion Lecture – Philip Ernst (Rice University, USA);
- 2026 IMS Medallion Lecture – Marcel Nutz (Columbia University, USA);
- Lévy Lecture – Nathanaël Berestycki (University of Oxford, UK);
- Doob Lecture – Timo Seppäläinen (University of Wisconsin–Madison, USA).

More details are available at `https://spa2026.cornell.edu`.

European Meeting of Statisticians

EMS 2026 LUGANO

The European Meeting of Statisticians (EMS), sponsored by the European Regional Committee of the Bernoulli Society, is the premier conference in statistics and probability in Europe. It provides a forum where statisticians and probabilists from across Europe and beyond meet to exchange ideas and discuss recent developments in the broad fields of statistics and probability theory. The 35th European Meeting of Statisticians will take place from 24 to 28 August 2026 at the Università della Svizzera italiana in Lugano, Switzerland.

The conference will be hosted in the picturesque city of Lugano, located on the shores of Lake Lugano in southern Switzerland. The Local Organizing Committee is chaired by Deborah Sulem and includes Antonietta Mira, Ernst Wit, Volodymyr Karpenko (Web Chair), and Mattia Gianinazzi (Web Co-Chair), all from the Università della Svizzera italiana.

The Scientific Committee is chaired by Aad van der Vaart (TU Delft, The Netherlands). Other members of the committee are Gérard Biau (Sorbonne University, France), Peter Bühlmann (ETH Zurich, Switzerland), Susanne Ditlevsen (University of Copenhagen, Denmark), Krzysztof Łatuszyński (University of Warwick, UK), Po-Ling Loh (University of Cambridge, UK), Antonietta Mira (Università della Svizzera italiana, Switzerland), Sofia Olhede (EPFL Lausanne, Switzerland), Davy Paindaveine (Université libre de Bruxelles, Belgium), Kolyan Ray (Imperial College London, UK), and Gesine Reinert (University of Oxford, UK).

The plenary speakers are:

- Alexandra Carpentier (Universität Potsdam, Germany)
- Liza Levina (University of Michigan, USA)
- Richard Nickl (University of Cambridge, UK)

- Philippe Rigollet (Massachusetts Institute of Technology, USA)
- Veronika Rocková (University of Chicago Booth School of Business, USA)
- Johannes Schmidt-Hieber (University of Twente, The Netherlands)
- Johanna Ziegel (ETH Zürich, Switzerland)

The scientific programme will include plenary lectures, invited and contributed sessions, and poster presentations covering a broad spectrum of topics in statistics, probability, stochastic processes, machine learning, data science, and their numerous applications. As in previous editions, EMS 2026 is expected to attract a large international audience and provide excellent opportunities for scientific exchange, networking, and the development of new collaborations.

More information can be found at https://www.ems26.org/.

25th European Young Statisticians Meeting

The 25th European Young Statisticians Meeting will take place July 7-10, 2026, hosted by Faculty of Mathematics and Informatics, Vilnius University.

The EYSMs are held every two years under the auspices of the European Regional Committee of the Bernoulli Society. The aim is to provide a scientific forum for the next generation of European researchers in probability theory and statistics. Participation is by invitation only. The International Organizing Committee (IOC) is responsible for selecting and inviting participants according to the EYSM guidelines.

Keynote talks will be given by

- Geurt Jongbloed (Delft University of Technology, Netherlands)
- Balázs Csanád Csáji (Eötvös Loránd University, Hungary)
- Marta Gonzalez Garcia (Universidad Internacional de Valencia, Spain)
- Xiaocheng Shang (University of Birmingham, United Kingdom)
- Carlos Escudero Liébana (University of Distance Education (UNED) Madrid, Spain)

More information can be seen at `https://www.eysmvilnius2026.mif.vu.lt/venue`.

The 29th Brazilian School of Probability

The 29th Brazilian School of Probability will take place in Rio de Janeiro, Brazil, on August 3–7, 2026. It will feature mini-courses by Remco van der Hofstad (Eindhoven University of Technology, The Netherlands) and Jan Swart (Charles University, Czech Republic), as well as plenary lectures by Anja Sturm (University of Göttingen, Germany), Bernardo N. B. de Lima (Universidade Federal de Minas Gerais, Brazil), Dimitrios Tsagkarogianis (Università di L'Aquila, Italy), Pietro Caputo (Università Roma Tre, Italy), Roberto Imbuzeiro Oliveira (IMPA, Brazil), Stella Brassesco (Instituto Venezolano de Investigaciones Científicas, Venezuela), Victor Pérez-Abreu (CIMAT, Mexico), and Yuval Peres (Beijing Institute of Mathematical Sciences and Applications, China).

Held annually since 1997, the school has become a well-established international meeting and one of the leading events in Probability in South America. It has significantly contributed to strengthening this research area in Brazil and across the region by bringing together world-leading experts, young researchers, and students. The meeting also provides opportunities for selected participants (other than invited speakers) to present short oral communications and posters.

This edition of the EBP will honor Professor Maria Eulália Vares and celebrate her career spanning more than 40 years, during which she has stood out as one of the leaders of the probability community and has made invaluable contributions to the development of Probability in Brazil and to its international recognition.

For more information, visit `https://sites.google.com/im.ufrj.br/ebp2026`.

4th Joint Conference on Statistics and Data Science

The 4th Joint Conference on Statistics and Data Science (JCSDS 2026) will be held on July 11–13, 2026, in Guiyang, China. Jointly organized by several leading statistical societies in China together with IMS-China, JCSDS has rapidly grown into one of the largest international gatherings in statistics and data science, attracting thousands of participants from around the world. The 2026 edition will be held jointly with the IMS-China Biennial Meeting and will include special sessions honoring the legacy of Peter Hall. Particular attention will be given to emerging developments in statistics and data science in the era of artificial intelligence. The invited speakers are

- Aurore Delaigle (University of Melbourne, Australia)
- David Donoho (Stanford University, USA)
- Bingyi Jing (The Chinese University of Hong Kong, Shenzhen and Southern University of Science and Technology, China)
- Jun Liu (Tsinghua University, China)
- Qiman Shao (Southern University of Science and Technology)
- Hongtu Zhu (University of North Carolina at Chapel Hill, USA)

To promote the growth and exchange of young talents in statistics and data science and build a high-level academic exchange platform, the Steering Committee of the 4th Joint Conference on Statistics and Data Science has entrusted IMS China to organize the Young Researchers Workshop on July 9–10, 2026 (two days before the main conference).

Further information about the conference and the workshop is available at https://jcsds2026.scimeeting.cn/en/web/index/31392

Reliable Engineering Computing 2026

REC2026

The 11th International Workshop on Reliable Engineering Computing will take place in Septemebr 2026, hosted by the International Meeting Center (IBZ) in Dortmund, Germany. Organized under the auspices of the Committee on Probability and Statistics in the Physical Science of the Bernoulli Society, this vibrant forum welcomes engineers and scientists from academia and industry to share insights, showcase advancements, and engage in meaningful discussions on emerging methods and challenges in the field. The keynote talks will be given by

- Fabio Cuzzolin (Oxford Brookes University, UK)
- Michael Shields (Johns Hopkins University, USA)
- Alba Sofi (University Mediterranea of Reggio Calabria, Italy)
- Jianbing Chen (Tongji University, China)

The workshop will also feature junior keynote lectures by Jingwen Song (Northwestern Polytechnical University, China) and Xuan-Yi Zhang (Beijing University of Technology, China).

More details are available at https://rec2026.web.tu-dortmund.de/

Other Events

Statistical Modeling with Applications

Statistical Modeling with Applications (StatMod) will take place on 18–19 September 2026 at UCLan Cyprus in Pyla, Larnaca, Cyprus. The conference brings together researchers, academics, and practitioners working on modern statistical modeling and its applications across a wide range of fields, including data science, finance, economics, engineering, reliability, risk analysis, and applied probability. Particular emphasis is placed on the interplay between methodological developments and practical challenges, fostering discussions that bridge theoretical advances and real-world applications. As a result, StatMod provides an ideal forum for exchanging ideas, establishing new collaborations, and exploring innovative statistical solutions to problems arising in increasingly data-driven environments. More details are available at https://statmod2026.uclancyprus.ac.cy/.

22nd International Conference Applied Statistics

The 22nd International Conference on Applied Statistics will be held from September 21 to 23, 2026, in Koper, Slovenia. The Applied Statistics International Conference brings together researchers and practitioners from around the world working on various aspects of data analysis, data science, and statistics to present their latest research and learn from each other. The scientific program at Applied Statistics includes invited talks, as well as oral and poster presentations of accepted abstracts. The two-day main conference (Monday and Tuesday) will be followed by a workshop day (Wednesday). More information can be found at https://as.mf.uni-lj.si/.

Calendar of Events

This calendar lists all meetings that have been announced in this and previous issues of *Bernoulli News* together with forthcoming meetings organized under the auspices of the Bernoulli Society or one of its Regional Committees (marked by).

A more comprehensive calendar of events is available on the BS Website www.bernoulli-society.org/index.php/meetings.

March 2026

- March 2-6 (2026), *Latin American Congress of Probability and Mathematical Statistics*, Montevideo, Uruguay

June 2026

- June 3-5 (2026),*Regional Statistics Conference 2026*, Valletta, Malta
- June 13-16 (2026), *7th IMS Asia Pacific Rim Meeting (IMS-APRM)*, Hong Kong
- June 14-20 (2026), *Conference on Stochastic Processes and their Applications (SPA)*, Ithaca, New York, USA
- June 22–26 (2026) *International Symposium on Nonparametric Statistics (ISNPS)*, Thessaloniki, Greece

July 2026

- July 11-13 (2026), *Joint Conference on Statistics and Data Science*, Guiyang, China
- July 6-9 (2026), *IMS Annual Meeting 2026*, Salzburg, Austria

August 2026

- August 24–28 (2026), *European Meeting of Statisticians*, Lugano, Switzerland

September 2026

- September 2–5 (2026), *International Workshop on Reliable Engineering Computing* , Dortmund, Germany
- September 18–19 (2026), *Statistical Modeling with Applications*, Larnaca, Cyprus
- September 21–23 (2026), *International Conference Applied Statistics*, Koper, Slovenia

July 2027

- July 5-9 (2027), *Conference on Stochastic Processes and their Applications (SPA)*, Melbourne, Australia
- July 11-15 (2027), *66th ISI World Statistics Congress*, Lusaka, Zambia

August 2027

- August 23-27 (2027), *European Meeting of Statisticians (EMS)*, Warwick, UK

July 2028

- July 24-28 (2028), *12th Bernoulli-IMS World Congress in Probability and Statistics*, Singapore, Republic of Singapore

Quote of the Issue:

" Compared with understanding the universe, understanding machine learning models may be even more challenging in a different way. "

Jiaoyang Huang

Recent Issues of Official Publications

Bernoulli

Vol. 32, No. 2: May 2026

Editors-in-Chief: K. Kato

http://projecteuclid.org/current/euclid.bj

"Functional estimation in high-dimensional and infinite-dimensional models," V. Koltchinskii, M. Li, 849–873.
"Bernstein duality revisited: Frequency-dependent selection, coordinated mutation [...]," F. Cordero, S. Hummel, G. Véchambre, 874–900.
"Theory and inference for multivariate autoregressive binary models and dynamical modeling [...]," G. Franchi, L. Truquet, 901–925.
"Volatility and jump activity estimation in a stable Cox-Ingersoll-Ross model," E. Bayraktar, E. Clément, 926–951.
"Nonparametric logistic regression with deep learning," A. Yara, Y. Terada, 952–977.
'A fractional stochastic differential equation with discontinuous diffusion [...]," J. Garzón, J. A. León, J. Lozada, S. Torres, 978–995.
"A general maximal projection approach to uniformity testing on the hypersphere," J. I. Borodavka, B. Ebner 996–1019.
"Nonparametric Bayesian intensity estimation for covariate-driven inhomogeneous [...]," M. Giordano, A. Kirichenko, J. Rousseau, 1020–1044.
"Simulating conditioned diffusions on manifolds," M. Corstanje, F. van der Meulen, M. Schauer, S. Sommer, 1045–1072.
"Probabilistic cellular automata with local transition matrices: [...]," E. Bayraktar, F. Lu, M. Maggioni, R. Wu, S. Yang, 1073–1097.
"Moderate deviation principles for a reaction diffusion model in non-equilibrium," L. Zhao, 1098–1121.
"Principles of statistical inference in online problems," M. F. Leung, K. W. Chan,1122–1141.
"Diffusion processes as Wasserstein gradient flows via stochastic control of the volatility matrix ," B. Tschiderer, 1142–1159.
"Scaling limit for the cover time of the λ-biased random walk on a binary tree with $\lambda < 1$," D. A. Croydon, 1160–1185.
"Stein's method of moments on the sphere,"A. Fischer, R. E. Gaunt, Y. Swan 1186-1212.
"Monotone measure-transportation maps in Hilbert spaces, with statistical applications," A. González-Sanz, M. Hallin, B. Sen, 2916–2939.
"Detecting spectral breaks in spiked covariance models," Nina Dörnemann, D. Paul,1243–1266,.
"Bernstein-type inequalities for Markov chains and Markov processes: A simple and robust proof," D. Huang, X. Li, 1267–1284.
"Empirical Bayes large-scale multiple testing for high-dimensional binary outcome data," Y.C.B. Ning, 1285–1302.
"Addressing both variable selection and misclassified responses with parametric and [...],"H. Guo, G. Y. Yi, B. Wang, 1303–1327.
"Multitype branching processes in random environments with not strictly positive expectation matrices," V. Orgoványi, K. Simon, 1328–1355.
"Causal inference on process graphs: Causal structure and effect identification,"N.D. Reiter, J. Wahl, A. Gerhardus, J. Runge, 1356–1382.
"Locally sharp goodness-of-fit testing in sup norm for high-dimensional counts," S.Kotekal, J. Chhor, C. Gao, 1383–1403.
"Dimension-free relaxation times of informed MCMC samplers on discrete spaces," H. Chang, Q. Zhou, 1404–1431.
"Long-time TV–W_1 type propagation of chaos for mean-field interacting particle systems,"X. Huang, F.F. Yang, C. Yuan, 1432–1455.
"Covariance change point localisation and inference in fragmented functional data," G.Xue, H. Xu, Y.Yu, 1456–1480.
"Decompounding under general mixing distributions," D. Belomestny, E. Morozova, V. Panov, 1481–1502.
"Parametrization, prior independence, and the semiparametric Bernstein-von Mises theorem for the partially linear [...]," C.D. Walker, 1503–1522.
'Estimating invertible processes in Hilbert spaces, with applications to functional ARMA processes," S. Kühnert, G. Rice, A. Aue, 1523–1546.
"Optimal matching problem on the Boolean cube," S. Feng, 1547–1569.
"Robust functional data analysis: From sparse to dense designs," L. Shao, F. Yao, 1570–1593.
"First contact percolation," B. Jahnel, L. Lüchtrath, A. D. Vu, 1594–1619,.
"The asymptotic properties of the extreme eigenvectors of high-dimensional generalized spiked [...]," Z.Pu, X.Zhang, J. Hu, Z. Bai, 1620–1644.
"Contraction rates and projection subspace estimation with Gaussian process priors in high dimension," E. Odin, F. Bachoc, A. Lagnoux, 1645–1664.
"Tame sparse exponential random graphs," S. Chakraborty, R. van der Hofstad, F. den Hollander, 1665–1685.

Stochastic Processes and their Applications

Vol. 198: August 2026

Editor-in-Chief: Eva Löcherbach

http://www.sciencedirect.com/science/journal/03044149

"Anticipated backward stochastic differential equations with quadratic growth: Multidimensional results," Y. Hu, F. Li, J. Wen, 104941
"Invariant sublinear expectations," Y. Song, 104943.
"Limit theorems for decoupled renewal processes," C. Dong, I. Feshchenko, A. Iksanov 104942.
"Local times in critical generations of a random walk in random environment on trees," A. Kagan, 104944.
"Maximal inequalities for empirical processes under general mixing conditions," D. Pouzo 104951.
"On the stochastic nonlocal Cahn-Hilliard Navier-Stokes model with singular potential," G. Deugoué, B. J. Moghomye, T. T. Medjo, 104963.
"Sparse estimators for multivariate integer-valued autoregressive models [...]," K. Fujimori, H. Shiraishi, J. Hirukawa, K. Fokianos, 104960.
"Limit theorems for products of positive random matrices and multi-type branching processes [...]," I. Grama, Q. Liu, T. T. Nguyen, 104962.
"Graphon-valued processes with vertex-level fluctuations," Peter Braunsteins, Frank den Hollander, Michel Mandjes, 104961.
"Stochastic wave equation with additive fractional noise: Solvability and global Hölder continuity," S. Liu, Y. Hu, X. Wang, 104964.
"Nonasymptotic heavy-tailed mean estimation in smooth Banach spaces," J. Whitehouse, B. Chugg, D. Martinez-Taboada, A. Ramdas, 104959.
"Stationary distributions of McKean-Vlasov SDEs with jumps: Existence, multiplicity and uniqueness," J. Bao, J. Wang, 104967.
"Convergence in Wasserstein distance for empirical measures of non-symmetric subordinated diffusion processes,"F.Y. Wang, 104969.
"Sharp convergence rates of empirical unbalanced optimal transport [...]," M. Struleva, S. Hundrieser, D. Schuhmacher, A. Munk, 104938.

Bernoulli Society Bulletin e-Briefs

Vol. 71: June 2026

Editor-in-Chief: A. Caponera

https://www.bernoullisociety.org/publications?id=171

Co-Sponsored by Bernoulli Society

Have a look at https://www.bernoullisociety.org/publications for the latest articles in *Electronic Communications in Probability*, *Electronic Journal of Probability*, *Electronic Journal of Statistics*, *Probability Surveys* and *Statistics Surveys*, *ALEA*, as well as *International Statistical Review*.

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President Elect	Maria-Eulalia Vares (Brazil)	eulalia@im.ufrj.br
Past President	Victor Panaretos (Switzerland)	victor.panaretos@epfl.ch
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Membership Secretary	Po-Ling Loh (UK)	pll28@cam.ac.uk
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Scientific Secretary	Jianfeng (Jeff) Yao (China)	jeffyao@cuhk.edu.cn
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	Matias D. Cattaneo (United States)	cattaneo@princeton.edu
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	Giovanni Peccati (Luxembourg)	giovanni.peccati@gmail.com
	Andrew Wood (Australia)	andrew.wood@anu.edu.au
Ordinary Council Members 2025–2029		
	Heather Battey (UK)	h.battey@imperial.ac.uk
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	Victor Rivero (Mexico)	rivero@cimat.mx
	Amandine Veber (France)	amandine.veber@parisdescartes.fr
	Johanna Ziegel (Switzerland)	ziegel@stat.math.ethz.ch
Committee Chairs		
Conferences on Stochastic Processes	Rongfeng Sun (Singapore)	yanshuo@nus.edu.sg
Probability and Statistics in the Physical Sciences	Matthias Faes (Germany)	matthias.faes@tu-dortmund.de
Statistical Network Science	Gesine Reinert (UK)	gesine.reinert@keble.ox.ac.uk
Publications Committee	Mark Podolskij (Luxembourg)	mark.podolskij@uni.lu
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East-Asian and Pacific	Ajay Jasra (China)	ajayjasra@cuhk.edu.cn
Latin America	José Alexander Ramírez (Costa Rica)	alexander.ramirez_g@ucr.ac.cr
Editors		
Bernoulli	Kengo Kato (USA)	kk976@cornell.edu
Stochastic Processes and their Applications	Eva Löcherbach (France)	Eva.Locherbach@univ-paris1.fr
Bernoulli News	Bojana Milošević (Serbia)	bojana.milosevic@matf.bg.ac.rs
Bernoulli e-Briefs	Alessia Caponera (Italy)	acaponera@luiss.it
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Backend Editor	Adrien Figiel (Poland)	
Twitter Manager	Corina Constantinescu (UK)	C.Constantinescu@liverpool.ac.uk
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Young Researchers Committee		
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for Mathematical Statistics
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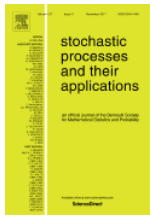

Publications and Meetings

The Bernoulli Society official journals are *Bernoulli* and *Stochastic Processes and their Applications*. In addition, the BS co-sponsors the following open-access online publications: *Electronic Communications in Probability*, *Electronic Journal of Probability*, *Electronic Journal of Statistics*, *Latin American Journal of Probability and Mathematical Statistics*, *Probability Surveys* and *Statistics Surveys*. Published twice a year, *Bernoulli News* provides detailed information about activities of the Society, while *Bernoulli* e-*Briefs* is a bimonthly electronic information bulletin that summarizes and draws the attention of relevant information to the membership.

The Bernoulli Society organizes or sponsors several international meetings which have a prominent relevance in the fields of mathematical statistics, probability, stochastic processes and their applications. These meetings are often held in conjunction with the ISI and other ISI Associations, the IMS or by the BS Regional and Standing Committees. Some of the meetings with a proud tradition are the *Bernoulli–IMS World Congress in Probability and Statistics* every four years, the *Conference on Stochastic Processes and their Applications* (SPA) organized every year, the *ISI World Statistics Congress* (formerly ISI Session), the *Latin American Congress in Probability and Mathematical Statistics* (CLAPEM) organized every two or three years, the *European Meeting of Statisticians* (EMS) organized every two years and the *European Young Statisticians Meeting* (EYSM) organized every two years.

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Membership Application and Fees

Online Application for Membership

- Bernoulli Society membership
  `https://www.isi-web.org/index.php/memberships`

Membership Fees for 2026

- Full members: €94.
- First year of membership and first two years of postdoc for members from developed countries: €47.
- PhD students - developed countries: €34.
- PhD students - developing countries: €13.
- Members from developing countries, retired members and retired couples: €38.
- Joint BS–IMS membership: $164.
- Joint BS–IMS–ISI membership (only for elected ISI Members): €209.