

Conference Agenda

Session Overview

Date: Monday, 12/Aug/2024

8:30am - 9:20am	Opening Ceremony Location: Audimax																
9:25am - 10:15am	Tukey Lecture - Mihaela van der Schaar Location: Audimax																
10:15am - 11:00am	Coffee Break Location: Foyer Audimax																
11:00am - 12:45pm	CPS 02: Game Theory Location: ID 04/413	CPS 08: Limit theorems for dependent data Location: ID 04/401	CPS 17: Inverse Problems Location: HZO 70	CPS 28: Statistics for Random Graphs 1 Location: ID 04/445	CPS 45: Statistics in High Dimensions Location: HZO 80	CPS 50: Neural Networks Location: HZO 90	CPS 61: Data Privacy Location: HZO 100	IPS 14: Mean-field Games and Games on Networks Location: HID	IPS 31: Robust Statistics and Data Depth Location: HZO 20	IPS 39: Spatiotemporal Statistics and Time Series Location: HZO 30	IPS 42: High Dimensional Graphical Models Location: HZO 10	IPS 49: Scaling Limits of Random Trees Location: ID 04/471+459	OCPS 18: Percolation and Growth Processes: Long Range, Metastability, Random Environment Location: ID 03/471+463	OCPS 19: Bayesian Inference for Rank and Preference Data Location: HZO 40	OCPS 28: Randomization-Based Inference and Experimental Design Location: HZO 60	OCPS 29: Malliavin Calculus and Its Applications Location: ID 03/445	OCPS 32: Recent Advances in Goodness-of-fit and Model Validity Tests Location: HZO 50
12:45pm - 2:00pm	Lunch Break Location: Mensa																
2:00pm - 3:45pm	CPS 03: Change Point Analysis Location: HZO 70	CPS 14: Particle Systems Location: ID 04/413	CPS 24: Stochastic Processes Location: ID 04/401	CPS 36: Survival Analysis Location: HZO 80	CPS 46: Permutation and Resampling Location: HZO 90	CPS 57: Entropy and Statistical Distances Location: ID 04/445	CPS 63: Non-Euclidean Data Location: HZO 100	IPS 02: Discrete-Time Markov Chains Location: ID 04/471+459	IPS 19: Large Deviations in Random Graphs and Networks Location: HID	IPS 30: Advances in Functional Data Analysis Location: HZO 10	IPS 35: Classification and Clustering Location: HZO 20	IPS 38: Bayesian Nonparametric Statistics Location: HZO 30	OCPS 02: New Perspectives on Causal Reasoning and Inference Location: HZO 40	OCPS 26: Risk Measures and Applications: Recent Advancements Location: HZO 50	OCPS 30: Hyperuniform Point Processes Location: ID 03/471+463	OCPS 34: Algebraic Statistics and Graphical Models (Part I) Location: HZO 60	OCPS 48: Stochastic Epidemic Models Location: ID 03/445
3:45pm - 4:30pm	Coffee Break Location: Foyer Audimax																
4:30pm - 5:20pm	Doob Lecture - Pablo A. Ferrari Location: Audimax																
5:25pm - 6:15pm	Medallion Lecture - Marc Hallin Location: Audimax																
6:15pm - 7:30pm	IMS Presidential Address & Awards Ceremony Location: Audimax																
7:30pm - 9:00pm	Welcome Reception Location: Foyer Audimax																

Date: Tuesday, 13/Aug/2024

8:30am - 9:20am	Bernoulli Lecture - Emmanuel Candes Location: Audimax																
9:25am -	Laplace Lecture - Xihong Lin Location: Audimax																

10:15am - 11:00am	Coffee Break Location: Foyer Audimax																	
11:00am - 12:45pm	CPS 06: Time Series Analysis 1 Location: HZO 70	CPS 09: Mixed Models, Bayesian Networks and Instrument Variables Location: HZO 80	CPS 11: Markov Chains Location: ID 03/419	CPS 25: Nonparametric Estimation Location: HZO 90	CPS 26: Point Processes and Stein's Method Location: ID 04/413	CPS 48: Classification Location: HZO 100	IPS 07: High-Dimensional Probability Location: HID	IPS 18: Random Spatial Systems Location: ID 04/471+459	IPS 20: Integrable Systems Location: ID 03/471+463	IPS 25: Missing values Location: HZO 20	IPS 36: Optimal Transport and Statistics Location: HZO 10	IPS 46: Bernoulli Society New Researchers Award Session Location: HZO 30	OCPS 01: Recent Developments in Tail-Robust Estimation and Inference Location: HZO 40	OCPS 16: Modern Topics in Branching Processes Location: ID 04/445	OCPS 17: Qualitative Behavior of Stochastic Partial Differential Equations Location: ID 04/401	OCPS 25: New Trends in Approximate Sampling Location: ID 03/445	OCPS 33: Rank-Based Measures and Tests of Dependence Location: HZO 50	OCPS 42: Random Matrices and High-Dimensional Statistics Location: HZO 60
12:45pm - 2:00pm	Lunch Break Location: Mensa																	
2:00pm - 3:45pm	CPS 04: Extremes Location: ID 04/413	CPS 10: Branching Processes Location: ID 04/445	CPS 37: Robust Statistics 1 Location: HZO 70	CPS 40: High-dimensional Regression Location: HZO 80	CPS 47: Forecasting Location: HZO 90	CPS 52: Concentration of Measure and Large Deviations Location: ID 04/401	CPS 62: Statistics for Epidemic Models Location: HZO 100	IPS 01: Recent Developments in Reinforcement Learning Location: HZO 10	IPS 03: SPDEs in Fluid Dynamics Location: HID	IPS 04: Non-Reversible MCMC Location: ID 04/471+459	IPS 05: Stein's Method and its Applications Location: ID 03/471+463	IPS 37: Causal Inference Location: HZO 20	OCPS 09: Optimal Measure Transport in Statistical Inference Location: HZO 30	OCPS 22: Gibbs Measures - Continuum and Discrete Location: ID 03/445	OCPS 35: Algebraic Statistics and Graphical Models (Part II) Location: HZO 60	OCPS 39: Fighting the Curse: Inference for High-Dimensional Statistical Problems in Random Matrix Theory Location: HZO 40	OCPS 43: Advances in Non-Stationary and High-Dimensional Time Series Location: HZO 50	
3:45pm - 4:30pm	Coffee Break Location: Foyer Audimax																	
4:30pm - 5:45pm	Wald Lecture - Peter Lukas Bühlmann Location: Audimax																	
5:45pm - 7:15pm	Bernoulli Society 50 Year Celebration and GA Location: VZ																	

Date: Wednesday, 14/Aug/2024

8:30am - 9:20am	Kolmogorov Lecture - Rafal Latala Location: Audimax																
9:25am - 10:15am	Medallion Lecture - Chunming Zhang Location: Audimax																
10:15am - 11:00am	Coffee Break Location: Foyer Audimax																
11:00am - 12:45pm	CPS 15: Percolation Location: ID 04/401	CPS 16: Statistics based on Trees and Forests	CPS 22: Statistics for Stochastic Processes	CPS 30: Dynamical Models from Science	CPS 38: Robust Statistics Location: HZO 20	CPS 49: Hypothesis Testing Location: HZO 100	IPS 15: New Aspects of Spin Systems Location: HID	IPS 16: Combinatorial Statistics Location: ID 04/471+459	IPS 17: PDE with Random Data Location: ID 03/471+463	IPS 32: Advances in Extreme-Value Analysis Location: HZO 10	IPS 40: Tensor Data Location: HZO 20	OCPS 08: Resampling Methods and Structural Disorders	OCPS 11: Asymptotic Theory of Random Processes	OCPS 13: Stein's Method and Random Graphs Location: ID 03/445	OCPS 27: Challenges in High-Dimensional and	OCPS 51: Inference in the Life and Social Sciences for	OCPS 52: Recent Advances in Bayesian Computation

		Location: HZO 70	1 Location: HZO 80	and Economy 1 Location: ID 04/413	HZO 90						Location: HZO 30	and Fields Location: ID 04/445	Functional Time Series Location: HZO 40	Small Sample Sizes with Little or no Assumptions Location: HZO 50	Location: HZO 60		
12:45pm - 2:00pm	Lunch Break Location: Mensa																
2:00pm - 3:45pm	CPS 05: Functional Data Analysis 1 Location: HZO 80	CPS 12: Causality 1 Location: HZO 40	CPS 19: Stochastic Differential Equations 1 Location: ID 04/401	CPS 35: Multiple Testing Location: HZO 90	CPS 44: Bayesian Statistics Location: HZO 100	CPS 51: Point Processes and Stochastic Geometry Location: ID 04/413	IPS 08: High-Dimensional Statistical Inference Location: HZO 10	IPS 13: Rough Paths in Data Science Location: ID 04/471+459	IPS 27: Transfer Learning for Heterogeneous Data Location: HZO 30	IPS 34: Advances in Environmental and Ecological Statistics: Insights and Methods across Weather, Climate, Health, and Beyond Location: HZO 20	IPS 43: Khintchin's LIL Centennial Session Location: HID	OCPS 04: Recent Advances in Distributional Regression Location: HZO 50	OCPS 12: Network Stochastic Processes Location: ID 03/471+463	OCPS 36: Frontiers in Adaptive Experimentation Location: HZO 70	OCPS 38: Randomness on Trees and Random Trees Location: ID 03/445	OCPS 46: Probabilistic Forecast Verification Location: HZO 60	OCPS 53: Stochastic PDEs: Long Time Behavior and Regularization by Noise Location: ID 04/445
3:45pm - 4:30pm	Coffee Break Location: Foyer Audimax																
4:30pm - 6:15pm	ERC: European Research Council Information Session Location: HID				PS 1: Poster Session: Statistics Location: Foyer Audimax				PS 2: Poster Session: Probability Location: Foyer Audimax								
6:30pm - 10:00pm	Conference Dinner Location: Mensa																

Date: Thursday, 15/Aug/2024

8:30am - 9:20am	Lévy Lecture - Rongfeng Sun Location: Audimax															
9:25am - 10:15am	Schramm Lecture - Nina Holden Location: Audimax															
10:15am - 11:00am	Coffee Break Location: Foyer Audimax															
11:00am - 12:45pm	CPS 01: Copulas and Dependence 1 Location: HZO 80	CPS 20: Stochastic Differential Equations 2 Location: ID 04/445	CPS 42: Spectral Analysis of Random Matrices Location: ID 04/401	CPS 43: Markov Chain Monte Carlo Methods Location: HZO 90	CPS 54: Discrete Probability Location: ID 04/413	CPS 64: Optimal Design and randomized controlled trials Location: HZO 100	IPS 21: Modern Applications of Filtering and Numerical Methods Location: ID 04/471+459	IPS 26: Change Point Analysis Location: HZO 10	IPS 33: Statistics on Manifolds/Non-Euclidean Statistics Location: HZO 20	IPS 48: Probabilistic Methods in Geometry Location: HID	OCPS 23: Statistical Methods for High-Dimensional Data Location: HZO 50	OCPS 41: Building upon Distance Correlation: New Techniques in Measuring and Detecting Dependence Location: HZO 60	OCPS 44: Nonparametric Statistics Location: HZO 30	OCPS 47: Stochastic Modelling of Dormancy Location: ID 03/445	OCPS 54: Multivariate Count Data Time Series Location: HZO 40	OCPS 55: Some Recent Advances in Causal Inference Location: HZO 70
12:45pm	Lunch Break															

-	Location: Mensa																
2:00pm																	
2:00pm - 3:45pm	CPS 13: Causality 2 Location: HZO 60	CPS 27: Selective Inference and Related Location: HZO 70	CPS 41: Covariance Matrices in High Dimensions Location: HZO 80	CPS 53: Random Graphs and Networks Location: ID 04/401	CPS 55: Stochastic Analysis Location: ID 04/413	CPS 58: Functional Data Analysis 2 Location: HZO 90	CPS 59: Copulas and Dependence 2 Location: HZO 100	IPS 09: Branching and Interacting Particle Systems Location: ID 04/471+459	IPS 12: Optimal Transport and the Role of Entropy Location: HID	IPS 22: Random Matrices and their Applications Location: ID 03/471+463	IPS 45: Recent Advances in Bayesian Inference (New Researchers Group Session) Location: HZO 20	IPS 50: Bootstrap in High Dimensions Location: HZO 10	OCPS 10: New Directions in Change-Point Analysis Location: HZO 50	OCPS 37: Relational Event Models 2.0 Location: HZO 40	OCPS 40: Statistical Analysis of Network Data Location: HZO 30	OCPS 49: Stochastic Processes Inspired by Models of Cancer Evolution Location: ID 04/445	OCPS 50: Probabilistic Models in Population Genetics Location: ID 03/445
3:45pm	Coffee Break Location: Foyer Audimax																
4:30pm	Medallion Lecture - Moulinath Banerjee Location: Audimax																
4:30pm - 5:20pm																	
5:30pm	Ising Lecture - Frank den Hollander Location: Audimax																
- 7:00pm																	

Date: Friday, 16/Aug/2024

8:30am	Cox Lecture - Victor Chernozhukov Location: Audimax																	
9:20am																		
9:25am	Medallion Lecture - Remco William van der Hofstad Location: Audimax																	
10:15am																		
10:15am - 11:00am	Coffee Break Location: Foyer Audimax																	
11:00am																		
12:45pm	CPS 21: Stochastic Differential Equations 3 Location: ID 04/413	CPS 23: Statistics for Stochastic Processes 2 Location: HZO 70	CPS 29: Statistics for Random Graphs 2 Location: HZO 80	CPS 32: Limit Theorems 1 Location: ID 04/401	CPS 56: Scaling limits, Gibbs and Markov processes Location: ID 04/445	CPS 60: Some fundamental issues of statistics Location: HZO 90	CPS 65: Recent developments in Statistical Inference Location: HZO 100	IPS 06: Stochastic Networks Location: HID	IPS 11: Stochastic Models in Population Biology Location: ID 04/471+459	IPS 28: Inverse Problems Location: HZO 20	OCPS 05: False Discovery Control in Non-Standard Settings Location: HZO 60	OCPS 06: Emerging Directions of Time Series Analysis in Data Science Location: HZO 30	OCPS 20: New Trends in Bayesian Nonparametrics Location: HZO 40	OCPS 24: Limit Theorems in Stochastic Geometry Location: ID 03/471+463	OCPS 31: Graphical Models in Extremes Location: HZO 50	OCPS 45: Free Probability and Random Matrix Theory Location: ID 03/445		
12:45pm	Lunch Break Location: Mensa																	
2:00pm																		
2:00pm - 3:45pm	CPS 07: Time Series Analysis 2 Location: HZO 80	CPS 18: Heavy Tails Location: ID 03/419	CPS 31: Dynamical Models from Science and Economy 2 Location: ID 04/413	CPS 33: Limit Theorems 2 Location: ID 04/401	CPS 34: Gaussian processes Location: ID 04/445	CPS 39: Risk and Related Location: HZO 90	CPS 66: Algorithms for Clustering and Image Analysis Location: HZO 100	IPS 10: Recent Advances in Sampling Location: HID	IPS 23: Modern Perspectives in Stochastic Control Location: ID 04/471+459	IPS 29: Inference for Infinite-Dimensional Parameters Location: HZO 10	IPS 41: Data Privacy and Algorithmic Fairness in Data Science Location: ID 03/471+463	IPS 44: Geometric Statistics (Royal Statistical Society Session) Location: HZO 20	IPS 47: IMS Brown Student Session Location: HZO 30	OCPS 03: Statistics of Financial Data Location: HZO 40	OCPS 07: Spatial Random Graphs Location: ID 03/445	OCPS 14: Recent Advances in Hypothesis Testing and Change Detection for High-Dimensional Data Location: HZO 70	OCPS 15: Ordinal Pattern Statistics Location: HZO 50	OCPS 21: Approximate Bayesian Inference with Variational Methods and Dimension Reduction Location: HZO 60

3:45pm
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4:15pm
4:15pm
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5:05pm
5:05pm
-
6:00pm

Coffee Break
Location: [Foyer Audimax](#)

Schramm Lecture - Patricia Gonçalves
Location: [Audimax](#)

Closing Ceremony
Location: [Audimax](#)

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Plenary Speakers

Bernoulli Society Lectures

Bernoulli Lecture:

- Emmanuel Candès
Stanford University, USA
<https://candes.su.domains>

Laplace Lecture:

- Xihong Lin
Harvard University, Cambridge, USA
<https://www.hsph.harvard.edu/xihong-lin/>

Levy Lecture:

- Rongfeng Sun
National University of Singapore
<https://sites.google.com/view/rongfengsun/home>

Kolmogorov Lecture:

- Rafal Latała
University of Warsaw, Poland
<https://www.mimuw.edu.pl/~rlatala/indexen.html>

Tukey Lecture:

- Mihaela van der Schaar
University of Cambridge, United Kingdom
<https://www.vanderschaar-lab.com/prof-mihaela-van-der-schaar/>

Cox Lecture:

- Victor Chernozhukov
Massachusetts Institute of Technology, Cambridge, USA

<https://www.mit.edu/~vchern/>

IMS Lectures

Wald Lecture:

- Peter Bühlmann
ETH Zurich, Switzerland
<https://stat.ethz.ch/~buhlmann/>

Le Cam Lecture:

- Peter Bickel
University of California, Berkeley, USA
<https://bickel.stat.berkeley.edu>

Medallion Lecture:

- Moulinath Banerjee
University of Michigan, Ann Arbor, USA
<https://lsa.umich.edu/stats/people/faculty/moulib.html>

Medallion Lecture:

- Marc Hallin
Université Libre de Bruxelles, Belgium

Medallion Lecture:

- Remco van der Hofstad
TU Eindhoven, The Netherlands
<https://www.win.tue.nl/~rhofstad/>

Medallion Lecture:

- Chunming Zhang
University of Wisconsin, Madison, USA
<https://pages.stat.wisc.edu/~cmzhang/>

Joint BS/IMS Lectures

Doob Lecture:

- Pablo Ferrari
University of Buenos Aires, Argentina
<http://mate.dm.uba.ar/~pferrari/>

Schramm Lecture:

- Patricia Goncalves
Instituto Superior Técnico, Lisbon, Portugal
<https://patriciamath.wixsite.com/patricia>

Schramm Lecture:

- Nina Holden
Courant Institute, New York University, USA
<https://cims.nyu.edu/~holden/>

Ruhr University Bochum Lecture

Ising Lecture:

- Frank den Hollander
Leiden University, The Netherlands
<https://www.math.leidenuniv.nl/~denholla/>

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Invited Paper Sessions

(1) Recent developments in Reinforcement Learning

Organizer and Chair: Annie Qu (UC Irvine, USA)

Speakers:

- (a) Susan Murphy (Harvard University, USA)
- (b) Eric Laber (Duke University, USA)
- (c) Zhuoran Yang (Yale University, USA)

(2) Discrete-time Markov Chains

Organizer and chair: Hubert Lacoïn (IMPA, Rio de Janeiro, Brazil)

Speakers:

- (a) Benoit Dagallier (Courant Institute, NYU, USA)
- (b) Evita Nestoridi (Stony Brook University, USA)
- (c) Insuk Seo (Seoul National University, Korea)

(3) SPDEs in fluid dynamics

Organizer and chair: Rongchan Zhu (Beijing University of Technology, China)

- (a) Xiangchan Zhu (Chinese Academy of Sciences)
- (b) Tommaso Rosati (University of Warwick, UK)
- (c) Umberto Pappalettera (Bielefeld University, Germany)

(4) Non-reversible MCMC

Organizer and chair: Kengo Kamatani (ISM Tokio, Japan)

- (a) Sebastiano Grazi (University of Warwick, UK)
- (b) Alexandre Thiery (National University of Singapore)
- (c) Koji Hukushima (University of Tokyo, Japan)

(5) Stein's method and its applications

Organizers and Chairs: Qi-Man Shao (Chinese University of Hong Kong) and Nathan Ross (University of Melbourne, Australia)

Speakers:

- (a) Morgane Austern (Harvard University, USA)
- (b) Gesine Reinert (Oxford University, UK)
- (c) Zhuosong Zhang (Southern University of Science and Technology, China)

(6) Stochastic Networks

Organizer: Maria Vlasïou (University of Twente and Eindhoven University of Technology, The Netherlands)

Speakers:

- (a) Clara Stegehuis (University of Twente, The Netherlands)
- (b) Tiago de Paula Peixoto (Central European University Vienna, Austria)
- (c) Maria Vlasïou (University of Twente and Eindhoven University of Technology, The Netherlands)

(7) High-Dimensional Probability

Organizer and Chair: Pierre Youssef (NYU Abu Dhabi)

Speakers:

- (a) Anirban Basak (ICTS, Bangalore, India)
- (b) Ioana Dumitriu (UCSD, San Diego, USA)
- (c) Konstantin Tikhomirov (CMU, Pittsburgh, US)

(8) High-dimensional statistical inference

Organizer: Subhabrata Sen (Harvard University, USA)

Speakers:

- (a) Gerard Ben Arous (Courant Institute, NYU, USA)
- (b) Olga Klopp (ESSEC Business School, France)
- (c) Subhabrata Sen (Harvard University, USA)

(9) Branching and interacting particle systems

Organizer and Chair: Sarah Penington (University of Bath, UK)

Speakers:

- (a) Alice Callegaro (TU Munich, Germany)
- (b) Félix Foutel-Rodier (Oxford University, UK)
- (c) Zhenyao Sun (Beijing Institute of Technology, China)

(10) Recent advances in sampling

Organizer and Chair: Yuansi Chen (Duke University, USA)

Speakers:

- (a) Jeremy Heng (ESSEC Business School, Singapore)
- (b) Yian Ma (University of California San Diego, USA)
- (c) Nawaf Bou-Rabee (Rutgers University, Camden, USA)

(11) Stochastic models in population biology

Organizer and Chair: Matthias Birkner (University of Mainz, Germany)

Speakers:

- (a) Wai-Tong (Louis) Fan (Indiana University, Bloomington, USA)
- (b) Martina Favero (University of Warwick, UK)
- (c) Amandine Véber (Université Paris Cité, France)

(12) Optimal Transport and the role of entropy

Organizers and Chairs: Gudmund Pammer (ETH Zürich), Beatrice Acciaio (ETH Zürich)

Speakers:

- (a) Julio Backhoff-Veraguas (Vienna University, Austria)
- (b) Clarice Poon (Warwick University, UK)
- (c) Martin Huesmann (Münster University, Germany)

(13) Rough Paths in Data Science

Organizers: Harald Oberhauser (Oxford University, UK), Ni Hao (University College London, UK)

Speakers:

- (a) Joscha Diehl (University of Greifswald, Germany)
- (b) Darrick Lee (Oxford University, UK)
- (c) Xin Guo (University of California, Berkeley, USA)

(14) Mean-field games and games on networks

Organizer and Session Chair: Tomoyuki Ichiba (University of California, Santa Barbara, USA)

Speakers:

- (a) Gökçe Dayanılı (University of Illinois at Urbana-Champaign, USA)
- (b) Mathieu Lauriere (NYU Shanghai, China)
- (c) Sarath Yasodharan (Brown University, USA)

(15) New Aspects of Spin Systems

Organizer and Chair: Piet Lammers (Sorbonne University, France)

Speakers:

- (a) Catherine Wolfram (MIT, USA)
- (b) Marcin Lis (TU Wien, Austria)
- (c) Jiaming Xia (IHES, France)

(16) Combinatorial Statistics

Organizer: Yihong Hu (Yale University, USA)

Speakers:

- (a) Alexandra Carpentier (Universität Potsdam, Germany)
- (b) Zhou Fan (Yale University, USA)
- (c) Sophie Yu (Stanford University, USA)

(17) PDE with Random Data

Organizer: Andrea Nahmod (University of Massachusetts, Amherst, USA)

Speakers:

- (a) Yu Deng (University of Southern California, San Diego, USA)
- (b) Bjoern Bringmann (Institute for Advanced Study, Princeton, USA)
- (c) Anne-Sophie de Suzzoni (Ecole Polytechnique, Paris, France)

(18) Random Spatial Systems

Organizer: Maria Deijfen (Stockholm University, Sweden)

Speakers:

- (a) Daniel Ahlberg (Stockholm University)
- (b) Nina Gantert (TU Munich)
- (c) Markus Heydenreich (University of Augsburg)

(19) Large Deviations in Random Graphs and Networks

Organizers: Fanny Augeri (LPSM, Université de Paris, France) and Anirban Basak (ICTS Bangalore, India)

Speakers:

- (a) Nicholas Cook (Duke University, USA)
- (b) Alice Guionnet (ENS Lyon, France)
- (c) Jonathan Husson (University of Michigan, Ann Arbor, USA)

(20) Integrable Systems

Organizers: Jeremy Quastel (University of Toronto, Canada), Dominik Schmid (University of Bonn, Germany)

(21) Modern Applications of Filtering and Numerical Methods

Organizer: Dan Crisan (Imperial College, London, UK)

(22) Random Matrices

Organizer: Alice Guionnet (ENS Lyons, France)

(25) Missing values

Organizer: Grace Yi (University of Western Ontario, Canada)

Speakers:

- (a) Wenqing He (University of Western Ontario, Canada)
- (b) Ofer Harel (University of Connecticut, USA)
- (c) Jiwei Zhao (University of Wisconsin, Madison, USA)

(26) Change point analysis

Organizer: Yi Yu (Warwick University, UK)

Speakers:

- (a) Haeran Cho (University of Bristol, UK)
- (b) Feiyu Jiang (Fudan University, China)
- (c) Oscar Hernan Madrid Padilla (University of California, Los Angeles, USA)

(27) Transfer Learning for Heterogeneous Data

Organizer: Liping Zhu (Renmin University, China), Song Xi Chen (Peking University, China)

Speakers:

- (a) Zhongyi Zhu (Fudan University, China)
- (b) Yifan Sun (Renmin University, China)
- (c) Xiaozhu Wang (East China Normal University, China)

(28) Inverse problems

Organizer: Victor Panaretos (EPFL Lausanne, Switzerland)

Speakers:

- (a) Mikael Kuusela (Carnegie Mellon University, USA)
- (b) Carola-Bibiane Schönlieb (Cambridge University, UK)
- (c) Sven Wang (Humboldt University, Germany)

(29) Inference for infinite-dimensional parameters

Organizer: Sebastian Engelke (University of Geneva, Switzerland)

Speakers:

(a) Xinwei Shen (ETH Zurich, Switzerland)

(b) Niklas Pfister (University of Copenhagen, Denmark)

(c) Frank Rößler (Technical University Eindhoven)

(30) Advances in Functional Data Analysis

Organizers: Alois Kneip (University of Bonn, Germany)

(31) Robust statistics/data depth

Organizer: Regina Liu (Rutgers University, USA)

(32) Advances in extreme-value analysis

Organizer: Johanna Neslehova (Mc Gill University, Montreal, Canada)

Speakers:

(a) Anne Sabourin (Université Paris-Descartes, France)

(b) Kirstin Storkorb (Cardi University, UK)

(c) Johan Segers (UC Louvain, Belgium)

(33) Statistics on manifolds/Non-Euclidean Statistics

Organizer: Janice Scealy (Australian National University, Australia)

(34) Ecological and/or Environment Statistics

Organizer: Sophie Dabo (University of Lille, France)

(35) Classification and clustering

Organizer: Jason Klusowski (Princeton University, USA)

(36) Optimal Transport and Statistics

Organizer: Axel Munk (University of Göttingen, Germany)

(37) Causal inference

Organizer: Oliver Dukes (University of Gent, Belgium)

Speakers:

(a) Erin Gabriel (University of Copenhagen, Denmark)

(b) Liyang Sun (CEMFI, Spain; University College London, UK)

(c) Eric Tchetgen Tchetgen (University of Pennsylvania, USA)

(38) Bayesian nonparametric statistics

Organizer: Michele Guindani (UCLA, USA)

(39) Spatiotemporal statistics and time series

Organizer: Jinyuan Chang (Southwestern University of Finance and Economics, China)

Speakers:

(a) Zhaoxing Gao (Zhengjiang University, China)

(b) Zhou Zhou (University of Toronto, Canada)

(c) Xuening Zhu (Fudan University, China)

(44) Khintchin's LIL Centennial Session

Organizer: Adam Jakubowski (University of Torun, Poland)

Speakers:

(a) Christoph Aistleitner (TU Graz, Austria)

(b) Istvan Berkes (Renyi Institute, Budapest)

(45) Geometric Statistics (Royal Statistical Society Session)

Speakers:

(a) Victor Panaretos (EPFL Lausanne, Switzerland)

(b) Karthik Bharath (University of Nottingham, UK)

(c) Zhenhua Lin (National University of Singapore)

(d) Anna Calissano (Imperial College, UK)

(46) Recent advances in Bayesian inference (New Researchers Group Session)

Speakers:

- (a) Trevor Campbell (Assistant Professor of Statistics, UBC),
- (b) Marta Catalano (Assistant Professor of Statistics, University of Warwick),
- (c) Jeffrey Miller (Associate Professor of Biostatistics, Harvard T.H. Chan School of Public Health),
- (d) Pragma Sur (Assistant Professor of Statistics, Harvard University).

(47) Bernoulli Society New Researchers Award Session

Speakers:

- (a) Jiaoyang Huang (University of Pennsylvania)
- (b) Leonardo Tolomeo (University of Edinburgh)
- (c) Lingfu Zhang (University of California, Berkeley)

(48) IMS Brown Student Session

Speakers:

- (a) Yuling Yan (MIT)
- (b) Changwoo Lee (Wisconsin)
- (c) Filippo Ascolani (Bocconi)

(49) Probabilistic Methods in Geometry

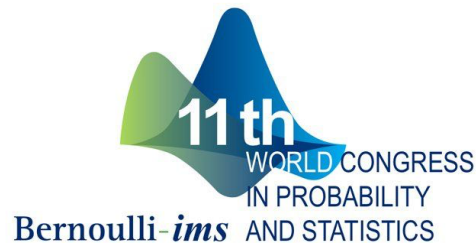
Organizer: Christoph Thiele (Ruhr University Bochum, Germany)

(50) Scaling Limits of Random Trees

Organizer: Anita Winter (University of Duisburg-Essen, Germany)

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Organized Contributed Paper Sessions

(1) Recent Developments in Tail-Robust Estimation and Inference

Haeran Cho (University of Bristol, UK), Matteo Barigozzi (Bologna, Italy)

Speakers:

- (a) Yong He (Shandong University, China)
- (b) Yuan Ke (University of Georgia, USA)
- (c) Di Wang (Shanghai Jiao Tong University)
- (d) Matteo Barigozzi (University of Bologna)

(2) New Perspectives on Causal Reasoning and Inference

Mats Stensrud (EPFL Lausanne), Vanessa Didelez (University of Bremen)

Speakers:

- (a) Vanessa Didelez (University of Bremen, Germany)
- (b) Robin Evans (Oxford University, UK)
- (c) Christina Heinze-Deml (Apple, Switzerland)
- (d) Mats Stensrud (EPFL Lausanne, Switzerland)

(3) Statistics of Financial Data

Carsten Chong (Hongkong University of Science and Technology), Markus Bibinger (University of Würzburg, Germany)

Speakers:

- (a) Markus Bibinger (University of Würzburg, Germany)
- (b) Roger J.A. Laeven (University of Amsterdam, The Netherlands)
- (c) Lars Winkelmann (FU Berlin, Germany)
- (d) Carsten Chong (Hongkong University of Science and Technology)

(4) Recent Advances in Distributional Regression

Julien Hambuckers (University of Liège, Belgium)

Speakers:

- (a) Julien Hambuckers (University of Liège, Belgium)
- (b) Kevin Burke (University of Limerick, Ireland)
- (c) David Rügamer (LMU Munich, Germany)
- (d) Lucas Kook (University of Copenhagen)

(5) False Discovery Control in Non-Standard Settings

Mateo Diaz (Johns Hopkins University, USA), Armeen Taeb (University of Washington, USA)

Speakers:

- (a) Aaditya Ramdas (Carnegie Mellon University, USA)
- (b) Armeen Taeb (University of Washington, USA)
- (c) Jelle Goeman (Leiden University, The Netherlands)
- (d) Mateo Diaz (Johns Hopkins University, USA)

(6) Emerging Directions of Time Series Analysis in Data Science

Alexander Shestopaloff (Queen Mary University of London, UK), Jun Yang (University of Copenhagen, Denmark)

Speakers:

- (a) Ardjen Pengel (TU Delft, The Netherlands)
- (b) Déborah Sulem (Barcelona, Spain)
- (c) Zhou Zhou (University of Toronto, Canada)
- (d) Wanrong Zhu (University of Chicago)

(7) Spatial Random Graphs

Hanna Döring (University of Osnabrück, Germany), Matthias Reitzner (University of Osnabrück, Germany)

Speakers:

- (a) Christian Hirsch (Aarhus University, Denmark)
- (b) Benedikt Jahnel (TU Braunschweig, Germany)
- (c) Matthew Kahle (Ohio State University, USA)
- (d) Peter Mörters (University of Köln, Germany)

(8) Resampling Methods and Structural Disorders

Michal Pesta (Charles University Prague, Czech Republic), Martin Wendler (University of Magdeburg, Germany)

Speakers:

- (a) Annika Betken (University of Twente, The Netherlands)
- (b) Matus Maciak (Charles University Prague, Czech Republic)
- (c) Michal Pesta (Charles University Prague, Czech Republic)
- (d) Martin Wendler (University of Magdeburg, Germany)

(9) Optimal Measure Transport in Statistical Inference

Daniel Hlubinka (Charles University Prague, Czech Republic), Thomas Verdebout (Université Libre de Bruxelles, Belgium)

Speakers:

- (a) Sarka Hudecova (Charles University, Prague)
- (b) Eustasio del Barrio (Universidad de Valladolid, Spain)
- (c) Thomas Verdebout (Université Libre de Bruxelles, Belgium)
- (d) Gilles Mordant (University of Göttingen, Germany)

(10) New Directions in Change-Point Analysis

Herold Dehling (Ruhr University Bochum, Germany)

Speakers:

- (a) Marie Huskova (Charles University Prague, Czech Republic)
- (b) Rebecca Killick (University of Lancaster, UK)
- (c) Robert Lund (University of California, Santa Cruz, USA)
- (d) Kata Vuk (University of Regensburg, Germany)

(11) Asymptotic Theory of Random Processes and Fields

Andrij Olenko (La Trobe University, Australia), Antoine Ayache (Université de Lille, France)

Speakers:

- (a) Antoine Ayache (Université de Lille, France)
- (b) Maria Dolores Ruiz Mendina (University of Granada, Spain)
- (c) Christophe Louckx (Université de Lille, France)
- (d) Andrij Olenko (La Trobe University, Australia),

(12) Network Stochastic Processes

Gesine Reinert (Oxford University, UK)

Speakers:

- (a) Ed Cohen (Imperial College, London, UK)
- (b) Anastasia Mantziou (Alan Turing Institute, UK)
- (c) Almut Veraart (Imperial College, London, UK)
- (d) Guanhua Fang (Fudan University, China)

(13) Stein's Method and Random Graphs

Peter Eichelsbacher (Ruhr University Bochum, Germany), Gesine Reinert

(Oxford University, UK)

Speakers:

- (a) Tara Trauthwein (University of Luxembourg)
- (b) Benedikt Rednoß (Ruhr University Bochum, Germany)
- (c) Adrian Röllin (National University of Singapore)
- (d) Chinmoy Bhattacharjee (University of Hamburg, Germany)

(14) Recent Advances in Hypothesis Testing and Change Detection for High- Dimensional Data

Liyan Xie (Chinese University of Hong Kong), Zhaoyuan Li (Chinese University of Hong Kong)

Speakers:

- (a) Haotian Xu (University of Warwick, UK)
- (b) Michael Minyi Zhang (University of Hong Kong)
- (c) Lynna Chu (Iowa State University, USA)
- (d) Daren Wang (University of Notre Dame, USA)

(15) Ordinal Pattern Statistics

Annika Betken (University of Twente, The Netherlands), Alexander Schnurr (University of Siegen, Germany)

Speakers:

- (a) Christian Weiß (Helmut-Schmidt-University Hamburg, Germany)
- (b) Svenja Fischer (Ruhr University Bochum, Germany)
- (c) Massimiliano Zanin (IFISC, Palma de Mallorca, Spain)
- (d) Marisa Mohr (Inovex, Germany)

(16) Modern Topics in Branching Processes

Carmen Minuesa Abril (University of Extremadura, Spain)

Speakers:

- (a) Götz Kersting (University of Frankfurt, Germany)
- (b) Sophie Hautphenne (University of Melbourne, Australia)
- (c) Carmen Minuesa Abril (University of Extremadura, Spain)
- (d) Serik Sagitov (Chalmers University of Technology, Sweden)

(17) Qualitative Behavior of Stochastic Partial Differential Equations

Ngartelbaye Guerngar (University of North Alabama, USA)

Speakers:

- (a) Ngartelbaye Guerngar (University of North Alabama, USA)
- (b) Mohammad Foondun (University of Strathclyde, UK)
- (c) Erkan Nane (Auburn University, USA)
- (d) Jingyu Huang (University of Birmingham, UK)

(18) Percolation and Growth Processes: Long Range, Metastability, Random Environment

Maria Eulalia Vares (Universidade Federal de Rio de Janeiro, Brazil), Bernardo

Lima (Universidade Federal de Minas Gerais, Brazil)

Speakers:

- (a) Bernardo Lima (Universidade Federal de Minas Gerais, Brazil)
- (b) Mariela Penton Machado (Universidade de Sao Paulo, Brazil)
- (c) Daniel Ungaratti (Universidade Federal de Rio de Janeiro, Brazil)
- (d) Pablo Almeida Gomes (Universidade de Sao Paulo, Brazil)

(19) Bayesian Inference for Rank and Preference Data

Valeria Vitelli (University of Oslo, Norway)

Speakers:

- (a) Kate Lee (University of Auckland, New Zealand)
- (b) Arnaldo Frigessi (University of Oslo, Norway)
- (c) Valeria Vitelli (University of Oslo, Norway)
- (d) Geoff Nichols (Oxford University, UK)

(20) New Trends in Bayesian Nonparametrics

Marta Catalano (Luiss University, Italy), Beatrice Franzolini (Bocconi University, Italy)

Speakers:

- (a) Igor Prünster (Bocconi University, Italy)
- (b) Zacharie Naulet (Université Paris-Saclay, France)
- (c) Francesco Gaffi (University of Notre Dame, USA)

(d) Riccardo Passaggeri (Imperial College, London, UK)

(21) Approximate Bayesian Inference with Variational Methods and Dimension Reduction

Giuseppe Carere (University of Potsdam, Germany), Han Cheng Lie (University of Potsdam, Germany)

Speakers:

- (a) Dennis Niemann (Vrije Universiteit Amsterdam, The Netherlands)
- (b) Bernhard Stankewitz (Bocconi University, Italy)
- (c) Giuseppe Carere (University of Potsdam, Germany)
- (d) Han Cheng Lie (University of Potsdam, Germany)

(22) Gibbs Measures - Continuum and Discrete

Jonas Köppl (Weierstraß Institute, Berlin, Germany), Benedikt Jahnel (TU Braunschweig, Germany)

Speakers:

- (a) Quirin Vogel (TU München, Germany)
- (b) Florian Henning (TU Eindhoven, The Netherlands)
- (c) Christof Külske (Ruhr University Bochum, Germany)
- (d) Frank Redig (TU Delft, The Netherlands)

(23) Statistical Methods for High-Dimensional Data

Yizhe Zhu (University of California, Irvine, USA), Simone Zhou (University of California, Riverside, USA)

Speakers:

- (a) Anderson Ye Zhang (University of Pennsylvania, USA)
- (b) Arun Kumar Kuchibhotla (Carnegie Mellon University, USA)
- (c) Fanny Yang (ETH Zürich, Switzerland)
- (d) Yizhe Zhu (University of California, Irvine, USA)

(24) Limit Theorems in Stochastic Geometry

Matthias Schulte (TU Hamburg, Germany)

Speakers:

- (a) Anna Gusakova (University of Münster, Germany)
- (b) Moritz Otto (Aarhus University, Denmark)
- (c) Mathew Penrose (University of Bath, UK)
- (d) Joseph E. Yukich (Lehigh University, USA)

(25) New Trends in Approximate Sampling

Daniel Rudolf (University of Passau, Germany), Björn Sprungk (University of Freiberg, Germany)

Speakers:

- (a) Louis Grenioux (Ecole Polytechnique, France)
- (b) Paul Hagemann (TU Berlin, Germany)
- (c) Federica Milinanni (KTH Royal Institute of Technology, Sweden)
- (d) Mareike Hasenpug (University of Passau, Germany)

(26) Risk Measures and Applications: Recent Advancements

Irene Gijbels (KU Leuven, Belgium)

Speakers:

- (a) Dieter Debrauwer (KU Leuven, Belgium)
- (b) Klaus Herrmann (Sherbrooke University, Canada)
- (c) Steven Vanduffel (Free University Brussels, Belgium)
- (d) Fan Yang (University of Waterloo, Canada)

(27) Challenges in High-Dimensional and Functional Time Series

Marie Düker (University Erlangen-Nürnberg, Germany)

Speakers:

- (a) Vladas Pipiras (University of North Carolina, Chapel Hill, USA)
- (b) Sumanta Basu (Cornell University, Ithaca, USA)
- (c) Anne van Delft (Columbia University, USA)
- (d) Shuyang Bai (University of Georgia, USA)

(28) Randomization-Based Inference and Experimental Design

Yuhao Wang (Tsinghua University, China), Xinran Li (University of Chicago,

USA)

Speakers:

- (a) Max Cytrynbaum (Yale University, USA)
- (b) Wenlong Mou (Tsinghua University, USA)
- (c) Yuhao Wang (Tsinghua University, China)
- (d) Xinran Li (University of Chicago, USA)

(29) Malliavin Calculus and Its Applications

Guangqu Zheng (University of Liverpool, UK)

Speakers:

- (a) Lluís Quer-Sardanyons (University of Barcelona, Spain)
- (b) Solesne Bourguin (Boston University, USA)
- (c) Christian Döbler (University of Düsseldorf, Germany)
- (d) Guangqu Zheng (University of Liverpool, UK)

(30) Hyperuniform Point Processes

Günter Last (Karlsruhe Institute of Technology, Germany)

Speakers:

- (a) Michael Björklund (Chalmers University, Sweden)
- (b) Michael Klatt (German Aerospace Center, Ulm, Germany)
- (c) Thomas Leblé (Université Paris-Cité, France)
- (d) D. Yogeshwaran (Indian Statistical Institute, Bangalore, India)

(31) Graphical Models in Extremes

Frank Röttger (TU Eindhoven, The Netherlands)

Speakers:

- (a) Stanislav Volgushev (University of Toronto, Canada)
- (b) Jane Ivy Coons (Oxford University, UK)
- (c) Manuel Hentschel (Université de Genève, Switzerland)
- (d) Ignacio Echave-Sustaete Rodriguez (TU Eindhoven, The Netherlands)

(32) Recent Advances in Goodness-of-fit and Model Validity Tests

Zdenek Hlavka (Charles University Prague, Czech Republic)

Speakers:

- (a) Bojana Milosevic (University of Belgrade, Serbia)
- (b) Bruno Ebner (Karlsruhe Institute of Technology, Germany)
- (c) Charl Pretorius (North-West University, South Africa)
- (d) Petr Coupek (Charles University Prague, Czech Republic)

(33) Rank-Based Measures and Tests of Dependence

Mona Azadkia (London School of Economics, UK)

Speakers:

- (a) Holger Dette (Ruhr University Bochum, Germany)
- (b) Fang Han (University of Washington, USA)
- (c) Nabarun Deb (Chicago Booth School of Business, USA)
- (d) Hongjian Shi (TU Munich, Germany)

(34) Algebraic Statistics and Graphical Models (Part I)

Benjamin Keith Hollering (TU Munich, Germany)

Speakers:

- (a) Piotr Zwiernik (University of Toronto, Canada)
- (b) Jane Ivy Coons (Oxford University, UK)
- (c) Shelby Cox (University of Michigan, USA)
- (d) Maximilian Wiesmann (Max Planck Institute for Mathematics in the Sciences, Germany)

(35) Algebraic Statistics and Graphical Models (Part II)

Jane Ivy Coons (Oxford University, UK)

Speakers:

- (a) Liam Solus (KTH Royal Institute of Technology, Sweden)
- (b) Carlos Enrique Amendola Ceron (TU Berlin, Germany)
- (c) Marina Garrote (Max Planck Institute for Mathematics in the Sciences, Germany)
- (d) Nils Sturma (TU Munich, Germany)

(36) Frontiers in Adaptive Experimentation

Khoulik Kamaru (Rutgers University, USA), Kelly Zhang (Columbia University, USA, Imperial College, London, UK)

Speakers:

- (a) Dean Foster (Amazon, Wharton School, USA)
- (b) Ruohan Zhang (Hong Kong University of Science and Technology)
- (c) Maria Dimakopoulou (Spotify, USA)
- (d) Kelly Zhang (Columbia University, USA, Imperial College, London, UK)

(37) Relational Event Models 2.0

Ernst Wit (Universita della Svizzera Italiana, Switzerland)

Speakers:

- (a) Viviana Amati (Univeristy of Milan, Italy)
- (b) Martina Boschi (Universita della Svizzera Italiana, Switzerland)
- (c) Cornelius Friz (Pennsylvania State University, USA)
- (d) Ernst Wit (Universita della Svizzera Italiana, Switzerland)

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