

**1971**

**J.L. BRETAGNOLLE** . Processus à accroissements indépendants.

**S.D. CHATTERJI**. Les martingales et leurs applications analytiques.

**P.A. MEYER**. Présentation des processus de Markov.

**C. DELLACHERIE**. Théorie générale des processus.

**1972**

**S. DUBUC**. Processus en cascade

**G. KALLIANPUR**. Processus gaussiens et questions annexes.

**J.P. KEANE**. Transformations ergodiques des espaces de probabilité.

**1973**

**P.A. MEYER**. Transformation des processus de Markov.

**P. PRIOURET**. Processus de diffusion et équations différentielles stochastiques.

**F. SPITZER**. Introduction aux processus de Markov à paramètres dans  $Z^v$ .

**1974**

**X. FERNIQUE**. Régularité des trajectoires des fonctions aléatoires gaussiennes.

**J.P. CONZE**. Systèmes topologiques et métriques en théorie ergodique.

**J. GANI**. Processus stochastiques de population. (Notes écrites par Mme J. Badrikian)

**1975**

**A. BADRIKIAN**. Prolégomènes au calcul de probabilités dans les Banach.

**J.F.C KINGMAN**. Subadditive processes.

**J. KUELBS**. The law of the iterated logarithm and related strong convergence theorems for Banach space valued random variables.

**1976**

**J. HOFFMAN-JORGENSEN**. Probability in Banach space.

**T.M. LIGETT**. The stochastic evolution of infinite systems of interacting particles.

**J. NEVEU**. Processus ponctuels.

**1977**

**D. DACUNHA-CASTELLE**. Vitesse de convergence pour certains problèmes stochastiques.

**H. HEYER**. Semi-groupes de convolution sur un groupe localement compact et applications à la théorie des probabilités.

**B. ROYNETTE**. Marches aléatoires sur les groupes de Lie.

**1978**

**R. AZENCOTT**. Grandes déviations et applications.

**Y. GUIVARC'H**. Quelques propriétés asymptotiques des produits de matrices aléatoires.

**R.F. GUNDY**. Inégalités pour martingales à un et deux indices : l'espace  $H_p$ .

**1979**

**J.P. BICKEL**. Quelques aspects de la statistique robuste.

**N. EL KAROUI**. Les aspects probabilistes du contrôle stochastique.

**M. YOR**. Sur la théorie du filtrage.

**1980**

**J.M. BISMUT.** Mécanique aléatoire.

**L. GROSS.** Thermodynamics, statistical mechanics and random fields.

**K. KRICKEBERG.** Processus ponctuels en statistique.

**1981**

**X. FERNIQUE.** Régularité des fonctions aléatoires non gaussiennes.

**P.W. MILLAR.** The minimax principle in asymptotic statistical theory.

**D.W. STROOCK.** Some application of stochastic calculus to partial differential equations.

**M. WEBER.** Analyse infinitésimale de fonctions aléatoires.

**1982**

**R.M. DUDLEY.** A course on empirical processes.

**H. KUNITA.** Stochastic differential equations and stochastic flow of diffeomorphisms.

**F. LEDRAPPIER.** Quelques propriétés des exposants caractéristiques.

**1983**

**D.J. ALDOUS.** Exchangeability and related topics.

**I.A. IBRAGIMOV.** Théorèmes limites pour les marches aléatoires.

**J. JACOD.** Théorèmes limites pour les processus.

**1984**

**R. CARMONA.** Random Schrödinger operators.

**H. KESTEN.** Aspects of first passage percolation.

**J.B. WALSH.** An introduction to stochastic partial differential equations.

**1985**

**S.R.S. VARADHAN.** Large deviations.

**P. DIACONIS.** Applications of non-commutative Fourier analysis to probability theorems.

**P. CARTIER.** Méthodes d'analyse non standard en probabilités.

**1986**

**H. FÖLLMER.** Random fields and diffusion.

**G.C. PAPANICOLAOU.** Waves in one-dimensional random media.

**O.E. BARNDORFF-NIELSEN.** Parametric statistical models and likelihood.

**1987**

**D. ELWORTHY.** Geometric aspects of diffusions on manifolds.

**E. NELSON.** Stochastic mechanics and random fields.

**L. ELIE.** Marches aléatoires et fonctions harmoniques.

**1988**

**A. ANCONA.** Théorie du potentiel sur les graphes et les variétés.

**D. GEMAN.** Random fields and inverse problems in imaging.

**N. IKEDA.** Probabilistic methods in the study of asymptotics.

**1989**

**D.L. BURKHOLDER.** Explorations in martingale theory and its applications.

**E. PARDOUX.** Filtrage non linéaire et équations aux dérivées partielles stochastiques associées.

**A.S. SZNITMAN.** Topics in propagation of chaos.

## 1990

**M.I. FREIDLIN.** Semi-linear PDE's and limit theorems for large deviations.

**J.-F. LE GALL.** Some properties of planar Brownian motion.

**D. DONOHO.** Function estimation and the white noise model.

## 1991

**D.A. DAWSON.** Measure-valued Markov processes.

**B. MAISONNEUVE.** Processus de Markov : naissance, retournement, régénération.

**J. SPENCER.** Nine lectures on random graphs.

## 1992

**D. BAKRY.** L'hypercontractivité et son utilisation en théorie des semi-groupes.

**R.D. GILL.** Lectures on survival analysis.

**S.A. MOLCHANOV.** Lectures on the random media.

## 1993

**P. BIANE.** Calcul stochastique non commutatif.

**R. DURRETT.** Interacting particle systems.

**R. KARP.** Probabilistic algorithms in computer science.

## 1994

**S. DOBRUSHIN.** Perturbation methods in the theory of Gibbs fields.

**P. GROENEBOOM.** Inverse problems in statistics.

**M. LEDOUX.** Isopérimétrie et analyse gaussienne.

## 1995

**M.T. BARLOW.** Diffusion on fractals.

**D. NUALART.** Analysis on Wiener.

**G. BEN AROUS.** Méthode de Laplace et grandes déviations.

## 1996

**E. GINÉ.** Decoupling and limit theorems for U-statistics and U-processes.

**E. GINÉ.** Lectures on some aspects of the bootstrap.

**G. GRIMMETT.** Percolation and disordered systems.

**L. SALOFF-COSTE.** Lectures on finite Markov chains.

## 1997

**J. BERTOIN.** Subordinators : examples and applications.

**F. MARTINELLI.** Lectures on Glauber dynamics for discrete spin models.

**Y. PERES.** Probability on trees : an introductory climb.

## 1998

**M. EMERY.** Martingales continues dans les variétés différentiables.

**A. NEMIROVSKI.** Topics in non-parametric statistics.

**D. VOICULESCU.** Lectures on free probability theory.

## 1999

**E. BOLTHAUSEN.** Large deviations and interacting random walks.

**E. PERKINS.** Dawson-Watanabe superprocesses and measure-valued diffusions.

**A. VAN DER VAART.** Semiparametric statistics.

## 2000

- S. ALBEVERIO.** Theory of Dirichlet forms and applications.  
**W. SCHACHERMAYER.** Introduction to the mathematics of financial markets.  
**M. TALAGRAND.** Mean field models for spin glasses : a first course.

## 2001

- S. TAVARÉ.** Ancestral inference in population genetics.  
**O. ZEITOUNI.** Random walks in random environment.  
**O. CATONI.** Statistical learning theory and stochastic optimization.

## 2002

- B. TSIRELSON.** Scaling limit, noise, stability.  
**W. WERNER.** Random planar curves and Schramm-Loewner evolutions.  
**J.PITMAN.** Combinatorial stochastic processes.

## 2003

- A.DEMBO.** Favorite points, cover times and fractals.  
**T. FUNAKI.** Stochastic interface models.  
**P. MASSART.** Concentration inequalities and model selection.

## 2004

- R. CERF.** The Wulff crystal in Ising and percolation models.  
**G. SLADE.** The lace expansion and its applications.  
**T. LYONS.** Differential equations driven by rough paths. (with M.J. CARUANA and T. LÉVY).

## 2005

- R.A. DONEY.** Fluctuation theory for Lévy processes.  
**S.N. EVANS.** Probability and real trees.  
**C. VILLANI.** Optimal transport, old and new.

## 2006

- M. BRAMSON.** Stability of queuing networks.  
**A. GUIONNET.** Large random matrices : lectures on macroscopic asymptotics.

## 2007

- J. BUZZI.** Hyperbolicity through entropies for dynamical systems.  
**F. DEN HOLLANDER.** Random polymers.  
**J. MATTINGLY.** Ergodicity of stochastic partial differential equations.

## 2008

- R. KENYON.** Dimers and random surfaces.  
**V. KOLTCHINSKII.** Oracle inequalities in empirical risk minimization and sparse recovery problems.  
**Y. LE JAN.** Markov paths, loops and fields.

## 2009

- A.ETHERIDGE.** Some mathematical models from population genetics.  
**R. ADLER.** Topological complexity of smooth random functions.(with J. TAYLOR.)

## 2010

- F. FLANDOLI.** Random perturbation of PDE's and fluid dynamics models.  
**G. GIACOMIN.** Disorder and critical phenomena through basic probability models.  
**T. KUMAGAI.** Random walks on disordered media and their scaling limits.

## 2011

- I. BENJAMINI.** Coarse geometry and randomness.  
**E. CANDES.** The power of convex relaxation : the surprising stories of compressed sensing and matrix completion.  
**G. SCHAEFFER.** Enumerative and bijective combinatorics for random walks, trees and planar maps.

## 2012

- J. QUASTEL.** The KPZ equation and its universality class.  
**Z. SHI.** Branching random walks.  
**G. STEIFF.** Noise sensitivity and percolation.

## 2013

- K. BURDZY.** Brownian motion and its applications to mathematical analysis.  
**A. MONTANARI.** Statistical mechanics on random graphs.  
**A. TSYBAKOV.** Aggregation and high-dimensional statistics.

## 2014

- M. HAIRER.** Regularity structures.  
**G. MIERMONT.** Aspects of random maps.

## 2015

- S. CHATTERJEE.** Large deviations for random graphs.  
**S. VAN DE GEER.** Theory for high-dimensional statistics.  
**L. ZAMBOTTI.** Random obstacle problems.

## 2016

- P. BOURGADE.** Large random matrices, microscopic asymptotics  
**F. COMETS.** Directed polymers in random environments.  
**S. SHEFFIELD and J. MILLER.** Universal randomness in 2D

## 2017

- T. BODINEAU :** Large scale dynamics of dilute gases.  
**R. VAN DER HOFSTAD :** Stochastic processes on random graphs.  
**G. LUGOSI :** Elements of combinatorial statistics.

## 2018

- H. DUMINIL-COPIN :** Graphical representations of the Ising model.  
**A. NACHMIAS :** Planar maps, random walks and the circle packing theorem.  
**B. TOTH :** Scaling limits for random walks and diffusion with long memory.

## 2019

- N. CURIEN :** Random discrete surfaces  
**E. MOSSEL :** Probabilistic aspects of voting, intransitivity and manipulation.  
**P. RIGOLLET :** Statistical optimal transport

**2020-2021**

**POSTPONED DUE TO COVID-19**

**2022**

**S. MELEARD** : Interplay between scales for eco-evolutionary mathematical models

**A. SLY** : Random constraint satisfaction problems

**R. VAN HANDEL** : Nonasymptotic random matrix theory

**2023**

**I. Castillo** : Bayesian nonparametric statistics

**I. Corwin** : Integrable probability and Gibbsian line ensembles

**F. Otto** : Malliavin calculus and spectral gap in stochastic homogenization and regularity structures