

# JOURNAL OF APPLIED PROBABILITY

---

VOLUME 60

NUMBER 4

DECEMBER 2023



EDITOR-IN-CHIEF (2019–) **P. G. TAYLOR**

FOUNDING EDITOR (1964–1989) **J. GANI**

PAST EDITORS-IN-CHIEF (1990–2007) **C. C. HEYDE**  
(2005–2015) **S. ASMUSSEN**  
(2016–2018) **P. W. GLYNN**

# JOURNAL OF APPLIED PROBABILITY

This is an international journal published by the Applied Probability Trust and a companion publication to *Advances in Applied Probability*. It contains mathematical and scientific papers of interest to probabilists, with emphasis on applications in a broad spectrum of disciplines. An annual volume is published in four issues appearing in March, June, September and December.

## EDITORIAL BOARD

### *Editor-in-Chief*

PETER TAYLOR (University of Melbourne)

### *Deputy Editor-in-Chief*

NICOLE BÄUERLE (Karlsruhe Institute of Technology)

### *Coordinating Editors*

ONNO BOXMA (Eindhoven University of Technology)

CHRISTINA GOLDSCHMIDT (Oxford University)

REMCO VAN DER HOFSTAD (Technische Universiteit Eindhoven)

ILYA MOLCHANOV (University of Bern)

### *Editors*

HANSJÖRG ALBRECHER (Université de Lausanne)

ERIK BAURDOUX (London School of Economics and Political Science)

JORIS BIERKENS (TU Delft)

MOGENS BLADT (University of Copenhagen)

PIERRE CALKA (University of Rouen Normandy)

XINYUN CHEN (Chinese University of Hong Kong, Shenzhen)

SÖREN CHRISTENSEN (Christian-Albrechts University Kiel)

CORINA CONSTANTINESCU (University of Liverpool)

JOAQUIN FONTBONA (University of Chile)

SERGEY FOSS (Heriot-Watt University)

SASHA GNEDIN (Queen Mary University of London)

XIN GUO (University of California Berkeley)

ENKELEJD HASHORVA (Université de Lausanne)

SOPHIE HAUTPHENNE (University of Melbourne)

QI-MING HE (University of Waterloo)

MARK HUBER (Claremont McKenna College)

JONATHAN JORDAN (University of Sheffield)

KENGO KAMATANI (The Institute of Statistical Mathematics)

FIMA KLEBANER (Monash University)

ANDREAS KYPRIANOU (Warwick University)

HENRY LAM (Columbia University)

*Executive Editor*  
MARK YARROW (University of Sheffield)

MARK LEWIS (Cornell University)

JINGCHEN LIU (Columbia University)

HOSAM MAHMOUD (The George Washington University)

CÉCILE MAILLER (University of Bath)

MICHEL MANDJES (Universiteit van Amsterdam)

OLIVIER MENOUCHEU PAMEN (University of Liverpool)

THOMAS MIKOSCH (University of Copenhagen)

MARTIN MÖHLE (University of Tübingen)

ALFRED MÜLLER (Universität Siegen)

JORGE NAVARRO (University of Murcia)

GORAN PESKIR (University of Manchester)

MATTHIAS REITZNER (Universität Osnabrück)

CHRIS ROGERS (University of Cambridge)

ADRIAN RÖLLIN (National University of Singapore)

MATHIEU ROSENBAUM (École Polytechnique)

GENNADY SAMORODNITSKY (Cornell University)

MARCO SCARSINI (Università Bocconi)

MATTHIAS SCHULTE (Hamburg University of Technology)

MARTIN SCHWEIZER (ETH Zürich)

EVGENY SPODAREV (Universität Ulm)

CHRISTOPH THÄLE (Ruhr-Universität Bochum)

NURIA TORRADO (Universidad Autónoma de Madrid)

AMANDA TURNER (University of Leeds)

ANDREW WADE (Durham University)

JOSEPH YUKICH (Lehigh University)