

JOURNAL OF APPLIED PROBABILITY

VOLUME 58

NUMBER 4

DECEMBER 2021



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. In addition, short communications and letters specifically relating to papers appearing in either JAP or AAP are published here. 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)

Coordinating Editors

ONNO BOXMA (Eindhoven University of Technology)

CHRISTINA GOLDSCHMIDT (Oxford University)

REMCO VAN DER HOFSTAD (Eindhoven University of Technology)

ILYA MOLCHANOV (University of Bern)

Editors

HANSJÖRG ALBRECHER (University of Lausanne)

NICOLE BÄUERLE (Universität Karlsruhe)

JORIS BIERKENS (TU Delft)

MOGENS BLADT (University of Copenhagen)

PIERRE CALKA (University of Rouen)

XINYUN CHEN (Chinese University of Hong Kong, Shenzhen)

CORINA CONSTANTINESCU (University of Liverpool)

MIA DEIJFEN (Stockholm University)

JOAQUIN FONTBONA (University of Chile)

SERGEY FOSS (Heriot-Watt University and Sobolev Institute of Mathematics)

ALEXANDER GNEDIN (Queen Mary, University of London)

ENKELEJD HASHORVA (University of Lausanne)

SOPHIE HAUPHENNE (University of Melbourne)

QIMING HE (University of Waterloo)

MARK HUBER (Claremont McKenna College)

JONATHAN JORDAN (University of Sheffield)

KENGO KAMATANI (Osaka University)

FIMA KLEBANER (Monash University)

ANDREAS KYPRIANOU (University of Bath)

HENRY LAM (Columbia University)

FLORENCIA LEONARDI (University of Sao Paulo)

JINGCHEN LIU (Columbia University)

CÉCILE MAILLER (University of Bath)

HOSAM MAHMOUD (The George Washington University)

MICHEL MANDJES (University of Amsterdam)

THOMAS MIKOSCH (University of Copenhagen)

MARTIN MÖHLE (Eberhard Karls University of Tübingen)

ALFRED MÜLLER (University of Siegen)

JORGE NAVARRO (University of Murcia)

GIANG NGUYEN (University of Adelaide)

GORAN PESKIR (University of Manchester)

MATTHIAS REITZNER (University of Osnabrück)

CHRIS ROGERS (University of Cambridge)

ADRIAN RÖLLIN (National University of Singapore)

MATHIEU ROSENBAUM (Pierre and Marie Curie University)

GENNADY SAMORODNITSKY (Cornell University)

MARCO SCARSINI (LUISS)

MATTHIAS SCHULTE (University of Bern)

MARTIN SCHWEIZER (ETH, Zürich)

EVGENY SPODAREV (Ulm University)

CHRISTOPH THÄLE (Ruhr University Bochum)

NURIA TORRADO (Universidad Autónoma de Madrid)

ANDREW WADE (Durham University)

RUTH WILLIAMS (University of California, San Diego)

JOSEPH YUKICH (Lehigh University)

EDITORIAL OFFICE

Executive Editor

MARK YARROW (University of Sheffield)