Subscription rates

Subscription rates for volume **43** (2011) of *Advances in Applied Probability* (*AAP*) are as follows (post free and including online access at http://projecteuclid.org/aap/): US\$312.00; A\$360.00; £195.00 for libraries and institutions; or US\$104.00; A\$120.00; £65.00 for individuals belonging to a recognised scientific society. The subscription rates for volume **48** (2011) of *Journal of Applied Probability*, the companion publication, are the same; if both journals are ordered directly from the Applied Probability office at the same time, the combined price is discounted by 10%. Please send all enquiries to: Applied Probability Subscriptions, School of Mathematics and Statistics, University of Sheffield, Sheffield S3 7RH, UK (telephone +44 114 222 3922; fax +44 114 272 9782; email s.c.boyles@sheffield.ac.uk). Cheques, money orders, etc. should be made payable to 'Applied Probability'. Payment is acceptable in US, Australian or UK currency, or by Visa or Mastercard. We can provide back issue prices on application.

Notes for contributors

Research papers are published in both *Journal of Applied Probability (JAP)* and *Advances in Applied Probability (AAP)*, with longer papers typically appearing in *AAP*. However, assignation of papers between the two journals is made by the Editor on an issue-by-issue basis. A submission to Applied Probability is considered as a submission to either journal. In addition, *AAP* publishes letters specifically related to papers that have appeared in *AAP* and *JAP* publishes short communications of a few printed pages in the nature of notes and letters specifically related to papers that have appeared in *JAP*. Review papers and papers in *stochastic geometry and statistical applications* are published in *AAP*.

Fifty offprints of each paper will be provided free, with additional offprints available at cost.

Papers submitted to the Applied Probability journals are considered on the understanding that they have not been published previously and are not under consideration by another publication. Accepted papers will not be published elsewhere without the written permission of the Trust. Submitted papers should be in English. It is the author's responsibility to ensure an acceptable standard of language, and a paper failing to meet this requirement may go back to the author for rewriting before being sent out for review.

Papers should include: (i) a **short abstract** of 4–10 lines giving a non-mathematical description of the subject matter and results; (ii) a list of **keywords** detailing the contents; and (iii) a list of **classifications**, using the 2010 Mathematics Subject Classification scheme (http://www.ams.org/msc/). Letters to the Editor need not include these. To assist authors in writing papers in the Applied Probability style, they may use the IATEX class file aptpub.cls, available from http://www.appliedprobability.org/. Use of this class file is not a condition of submission, but will considerably increase the speed at which papers are processed.

Papers should be submitted as hard copy or as electronic files (with hard copy back-up). All submissions will be acknowledged on receipt and **must be accompanied by a covering letter stating the author's postal address and affiliation**. Hard copy: Send **all** submissions to the Applied Probability office in Sheffield, and not to individual editors. Two copies of the paper, at least one of which should be double spaced, should be sent to: **Executive Editor, Applied Probability, School of Mathematics and Statistics, University of Sheffield, Sheffield S3 7RH, UK**. Electronic submission: Please email a **double-spaced** PostScriptTM (.ps) or portable document format (.pdf) file, not exceeding 1 Mb. **The files must be clearly identified by name in a separate covering message**. The address for email submissions is **l.nash@sheffield.ac.uk**. Authors should also submit one hard copy to the Executive Editor, as above.

Copyright

The copyright of all published papers is vested in the Applied Probability Trust. When a paper is accepted for publication, the Trust asks the authors to assign copyright by signing a form in which the terms of copyright are listed. Failure to do this promptly may delay or prevent publication.

Authorisation to photocopy items for internal or personal use, or the internal or personal use of specific clients, is granted by the Applied Probability Trust for libraries and other users registered with the Copyright Clearance Center (CCC) Transactional Reporting Service, provided that the corresponding processing and royalty fees (see http://www.copyright.com) are paid directly to CCC, 222 Rosewood Drive, Danvers, MA 01923, USA. 0001–8678/11

PRINTED IN NORTHERN IRELAND AT IMPRESSION PRINT AND DESIGN NI LTD

Volume 43 Number 2

Stochastic Geometry and Statistical Applications

- 301 FRANÇOIS CARON, PIERRE DEL MORAL, ARNAUD DOUCET AND MICHELE PACE. On the conditional distributions of spatial point processes
- 308 DANIEL HUG AND ROLF SCHNEIDER. Faces with given directions in anisotropic Poisson hyperplane mosaics
- 322 JESPER MØLLER AND MAN LUNG YIU. Probabilistic results for a mobile service scenario

General Applied Probability

- 335 RONALD MEESTER AND PIETER TRAPMAN. Bounding basic characteristics of spatial epidemics with a new percolation model
- 348 CLÉMENT FOUCART. Distinguished exchangeable coalescents and generalized Fleming–Viot processes with immigration
- 375 CLÉMENT DOMBRY, CHRISTIAN MAZZA AND VINCENT BANSAYE. Phenotypic diversity and population growth in a fluctuating environment
- 399 ALI DEVIN SEZER AND FERRUH ÖZBUDAK. Approximation of bounds on mixed-level orthogonal arrays
- 422 RAUL GOUET, F. JAVIER LÓPEZ AND GERARDO SANZ. Asymptotic normality for the number of records from general distributions
- 437 THIERRY HUILLET AND SERVET MARTINEZ. Duality and intertwining for discrete Markov kernels: relations and examples
- 461 YIZAO WANG AND STILIAN A. STOEV. Conditional sampling for spectrally discrete max-stable random fields
- 484 HONGSHENG DAI. Exact Monte Carlo simulation for fork-join networks
- 504 YANN DEMICHEL, ANNE ESTRADE, MARIE KRATZ AND GENNADY SAMORODNITSKY. How fast can the chord length distribution decay?
- 524 AMR ELMASRY AND HOSAM MAHMOUD. Analysis of swaps in radix selection
- 545 LEILA SETAYESHGAR AND HUI WANG. Large deviations for a feed-forward network
- 572 BERNT ØKSENDAL, AGNÈS SULEM AND TUSHENG ZHANG. Optimal control of stochastic delay equations and time-advanced backward stochastic differential equations

Published by the **Applied Probability Trust** Copyright © **Applied Probability Trust** 2011 ISSN 0001–8678