## **Subscription rates**

Subscription rates for volume **42** (2010) of *Advances in Applied Probability* (*AAP*) are as follows (post free and including online access at http://projecteuclid.org/aap/): US\$312.00; A\$390.00; £186.00 for libraries and institutions; or US\$104.00; A\$130.00; £62.00 for individuals belonging to a recognised scientific society. The subscription rates for volume **47** (2010) 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, *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 Accepted papers will not be published elsewhere without the written permission of the Trust.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 2000 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 Latest 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 PostScript<sup>TM</sup> (.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 Lnash@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. 0001–8678/10

## Volume 42 Number 2

Stochastic Geometry and Statistical Applications

- 293 ROBERT J. ADLER, GENNADY SAMORODNITSKY AND JONATHAN E. TAYLOR. Excursion sets of three classes of stable random fields
- 319 JONATHAN JORDAN. Degree sequences of geometric preferential attachment graphs
- 331 H. LE AND D. BARDEN. On the induced distribution of the shape of the projection of a randomly rotated configuration
- 347 JESPER MØLLER AND FREDERIC PAIK SCHOENBERG. Thinning spatial point processes into Poisson processes
- 359 YI-CHING YAO. On variances of partial volumes of the typical cell of a Poisson–Voronoi tessellation and large-dimensional volume degeneracy

## General Applied Probability

- 371 ANNA RUSINEK. Mean reversion for HJMM forward rate models
- 392 ACHIM KLENKE AND LUTZ MATTNER. Stochastic ordering of classical discrete distributions
- 411 GUUS BALKEMA AND NATALIA NOLDE. Asymptotic independence for unimodal densities
- 433 FEDERICO BASSETTI, IRENE CRIMALDI AND FABRIZIO LEISEN. Conditionally identically distributed species sampling sequences
- 460 ANTHONY G. PAKES. Critical Markov branching process limit theorems allowing infinite variance
- 489 G. LINDGREN. Slope distribution in front–back asymmetric stochastic Lagrange time waves
- 509 DONATA PUPLINSKAITĖ AND DONATAS SURGAILIS. Aggregation of a random-coefficient AR(1) process with infinite variance and idiosyncratic innovations
- 528 D. A. CROYDON. Scaling limits for simple random walks on random ordered graph trees
- 559 EMILIO DE SANTIS, FABRIZIO GRANDONI AND ALESSANDRO PANCONESI. Low degree connectivity of ad-hoc networks via percolation
- 577 YANA VOLKOVICH AND NELLY LITVAK. Asymptotic analysis for personalized Web search

Published by the **Applied Probability Trust** Copyright © **Applied Probability Trust** 2010 ISSN 0001–8678