APPLIED PROBABILITY TRUST PRIZES 2005

The Trustees of the Applied Probability Trust (APT) have much pleasure in announcing the names of the APT Prize winners for 2005. We offer them our warmest congratulations, and look forward to their pursuing further studies and eventually careers in probability, statistics and their applications.

Australian National University, Canberra   Joe Gani
June 2006   for the APT Trustees

The following prize awards for undergraduate and postgraduate achievement in 2005 were funded by the Applied Probability Trust.

University of Adelaide (Applied Probability Trust Prize) .... Not yet announced
Australian National University
  The Faculties (Applied Probability Trust Prize) .... Han Ming Wong
  Institute of Advanced Studies (P. A. P. Moran Prize) .... Not yet announced
University of California, Santa Barbara
  (Abraham Wald Prize) .... Not yet announced
  (Ruth and Joe Gani Prize for PhD Thesis) .... Tiejun Tong (advisor: Yeudong Wang)
University of Cambridge (Bartlett Prize) .... Not yet announced
CWI, Amsterdam (Applied Probability Trust Prize) .... Rene Bekker
University of Hull (Toby Lewis Prize) .... Jodi Simmester
Imperial College, London (Hyman Levy Prize) .... Not yet announced
University of Kentucky (R. L. Anderson Prize) .... Not yet announced
University of Manchester (M. S. Bartlett Prize) .... Not yet announced
University of Melbourne (Norma McArthur Prize) .... Stefan Rampertshammer
Open University (George Barnard Prize) .... Not yet announced
University of Sheffield (Sir Edward Collingwood Prize) .... Not yet announced
University of Sydney (Applied Probability Trust Prize) .... Han Qing Zhu
University of Waterloo (George Barnard Prize) .... Ling Guo
University of Western Australia (Richard Tweedie Memorial
  Applied Probability Trust Prize) .... Anton Hallam
University of Wollongong
  (William Sealy Gosset Prize) .... Tara Kerr
                                  Michael Espinoza
  (Applied Probability Trust Prize) .... Jennifer Gordon

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JOURNAL OF APPLIED PROBABILITY

O. L. V. COSTA AND F. DUFOUR. Ergodic properties and ergodic decompositions of continuous-time Markov processes

JESÚS DE LA CAL AND JAVIER CÁRCAMO. Stochastic orders and majorization of mean order statistics

R. G. DOLGOARSHINNYKH AND STEVEN P. LALLEY. Critical scaling for the SIS stochastic epidemic

LAURENT DOYEN AND OLIVIER GAUDOIN. Imperfect maintenance in a generalized competing risks framework

M. DRAIEF AND A. GANESH. Efficient routeing in Poisson small-world networks

ERIK EKSTRÖM. Bounds for perpetual American option prices in a jump diffusion model

ALEXIS GILLETT, RONALD MEESTER AND PETER VAN DER WAL. Maximal avalanches in the Bak–Sneppen model

NOBUAKI HOSHINO. A discrete multivariate distribution resulting from the law of small numbers

HUW W. JAMES AND E. J. COLLINS. An analysis of transient Markov decision processes

GEORGE KORDZAKHIA AND STEVEN P. LALLEY. Ergodicity and mixing properties of the northeast model

CLAUDIO MACCI AND GABRIELE STABILE. Large deviations for risk processes with reinsurance

COLIN L. MALLOWS AND JEAN MELOCHE. Searching for searchers

TOSHINAO NAKATSUKA. The untraceable events method for absorbing processes

BIRGIT NIESE. A martingale characterization of Pólya–Lundberg processes

L. PEREIRA AND H. FERREIRA. Limiting crossing probabilities of random fields

J. PREATER. On-line selection of an acceptable pair

MARINA SANTACROCE. Derivatives pricing via p-optimal martingale measures: some extreme cases

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YUEBAO WANG AND KAIYONG WANG. Asymptotics for the density of the supremum of a random walk with heavy-tailed increments

CHUANCUN YIN AND JUNSHENG ZHAO. Nonexponential asymptotics for the solutions to renewal equations, with applications

J. E. YUKICH. Ultra-small scale-free geometric networks

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General Applied Probability

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A. D. BARBOUR AND AIHUA XIA. Normal approximation for random sums

CHRISTIAN BENDER AND JOHN SCHOENMAKERS. An iterative method for multiple stopping: convergence and stability

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MICHAEL SCHRÖDER. On ladder height densities and Laguerre series in the study of stochastic functionals. I: Basic methods and results

MICHAEL SCHRÖDER. On ladder height densities and Laguerre series in the study of stochastic functionals. II: A constructive structure theory of exponential functionals of Brownian motion

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