RESEARCH MATTERS
School of Finance and Economics
Research Newsletter

University of Technology, Sydney

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News

The BARDsNET National Journal Ranking result has been published by the Australian Business Deans Council (ABDC) and is available at: http://www.abdc.edu.au/3.36.0.0.1.0.htm The ranking levels are A* (premier international 'top 5%'), A (highly regarded 'top 15%'), B (well regarded 'top 50%'), and C (recognised journal). The journal rankings will now be included in each of the accepted and published articles in the FERN newsletter. This month we have 5 A journal articles published and 2 A journal articles accepted.

Feedback on the journal ranking list and usage would be appreciated by the School Research Committee.

Visitors

Dr Gerald Cheang, Nanyang Technological University, Singapore, April 25 to May 1

Dr Renée Fry, Centre for Applied Macroeconomic Analysis, Australian National University, April 30 to May 2

Dr Rod O'Donnell, former Professor of Economics, Macquarie University, April-June

Upcoming Seminars

2nd May Renee Fry ANU "A New Class of Tests of Contagion with Applications"

9th May Garry Barrett UNSW "Consistent Nonparametric Tests for Lorenz Dominance"

16th May Stanley Cho UNSW "Accounting for life-cycle wealth accumulation: the role of housing institution"

23rd May Heather Anderson, ANU

30th May Jack Gray, Paul Woolley Centre

QFRC Working Papers

217. P Pellizzari. The Toll of Subrational Trading in an Agent Based Economy. March 2008.

218. G Cheang and **C Chiarella.** Hedge Portfolios in Markets with Price Discontinuities. March 2008.

219. **C Chiarella, B Kang**, G Meyer and A Ziogas. The Evaluation of American Option Prices Under Stochastic Volatility and Jump-Diffusion Dynamics Using the Method of Lines. March 2008.

220. L Mercorelli, D Michayluk and AD Hall. Modeling Adverse Selection on Electronic Order-Driven Markets. March 2008.

QMF2008

17 — 20 December 2008

Focus: Credit Risk, Risk Management, Derivatives Pricing, High Dimensional Quantitative Methods and other areas of Quantitative Finance

For further information see the QMF2008 conference website at: www.qfrc.uts.edu.au/qmf

Published — Articles and Books

C Chiarella and F Szidarovszky, 2008 Dynamic oligopolies with production adjustment costs, *Scientia Iranica* 15 (1) , 120-124. BARDsNET: journal not ranked

C Chiarella, X He, D Wang, and **M Zheng**, 2008, The stochastic bifurcation behaviour of speculative financial markets, *Physica A* 387, 3837–3846. BARDsNET: A

C Chiarella, C Nikitopoulos Sklibosios, and **E Schlogl,** 2007, A control variate method for Monte Carlo simulations of Heath-Jarrow-Morton models with jumps, *Applied Mathematical Finance* 14(5), 365-399. BARDsNET: A

W Hogan, 2008, More policy action, *Australian Ageing Agenda*, May/June, 15. BARDsNET: journal not ranked

D Michayluk, 2008, The rise and fall of single-letter ticker symbols, *Business History* 50 (3), 368-385. BARDsNET: A

D Michayluk and L Prather, 2008, A liquidity motivated algorithm for discerning trade direction, *Multinational Finance Journal* 12 (1/2), 45-66. BARDsNET: A

RH Pettway, S Thosar and **S Walker**, Auctions versus book-built IPOs in Japan: A comparison of aftermarket volatility, *Pacific Basin Finance Journal* 16 (3), 224-235. BARDsNET: A

Papers and Book Chapters Accepted

K Petrichev and **S Thorp**, The private value of public pensions, *Insurance: Mathematics and Economics, forthcoming.* BARDsNET: A

H Bateman and **S Thorp**, Choices and constraints over retirement incomes streams: Comparing rules and regulations, *The Economic Record, forthcoming.*BARDsNET: A

C Chiarella and X He, "An adaptive model of asset price and wealth dynamics in a market with heterogeneous trading strategies," in Handbook on Information Technology in Finance eds.: Seese, Weinhardt and Scholttmann, Springer, 2008.

H Hulley and **E Platen**, "Laplace transform identities for diffusions, with applications to rebates and barrier options." Banach Center Publications, 2008.

Conference And Seminar Presentations

A Brown and S Angus, Social welfare costs of fraud: Evidence from an agent-based model, Sydney Agents Seminar, UNSW, April.

C Chiarella, The Evaluation of American compound option prices under stochastic volatility, 5th International Conference on Computational Management Science, FRB, San Francisco, April.

C Chiarella, **X He** and **M Zheng**, Heterogeneous expectations and exchange rate dynamics, 16th Society for Nonlinear Dynamics and Econometrics, FRB, San Francisco, April.

D Goldbaum, Learning and adaptation as a source of market failure, 16th Annual Symposium of the Society for Nonlinear Dynamics and Econometrics, San Francisco, USA, April.

E Platen, Portfolio optimization under partial information, Boston University, Boston, April.
E Platen, The Law of the minimal price, University of Santa Barbara, Santa Barbara, April.

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