LIM KIAN GUAN
林建源

Professor of (Quantitative) Finance
OUB Chair Professor
Lee Kong Chian School of Business
Singapore Management University
50 Stamford Road
Singapore 178899

Adjunct Professor of Mathematics
National University of Singapore

Email: kgl@smu.edu.sg
Contact Number: 65-68280889

AREAS OF EXPERTISE

I have worked in universities for over 26 years. Teaches quantitative finance, financial economics, financial econometrics, and risk management courses. Main current interests are in the research of multivariate econometrics, random fields, robustness in option pricing and hedging, and financial risk management of banking systems. Has experiences in an encompassing range of academic and institutional activities including being Interim Dean of Business School, Associate Dean, Vice-Dean, Sub-Dean, Head of Department/Unit, Journal Editor, Director of University level Research Centre, Directors of Degree Programs, Faculty Senate Chair, Chair of University Task Force, Organizer of International Conferences, Professional Society President, Advisory Board Member of external University, External Academic Advisor of international associations and schools, and others, at SMU and at NUS previously.

EDUCATION

Stanford University (Graduate School of Business), Finance, Ph.D. 1986
Stanford University, (Department of Economics), Economics, M.A. 1985
Stanford University, (Department of Statistics), Statistics, M.S. 1984
University of Manchester Institute of Science and Technology, UMIST, (Management Sciences), B Sc First Class Honours 1978
Raffles Institution, 1969 – 1974

EMPLOYMENT HISTORY

2001 – Professor of Quantitative Finance/Finance, Lee Kong Chian Business School, Singapore Management University

2000 – 2001 Professor, Department of Finance and Accounting, National University of Singapore

1980 – 2000 Senior Tutor, Lecturer, Senior Lecturer, Associate Professor, Department of Finance and Accounting, Faculty of Business Administration, National University of Singapore
1980 Administrative Service, Prime Minister's Office

ACADEMIC RESEARCH / SEMINARS / PUBLICATIONS SINCE 2010

Presentation at Conference (co-authors: Joel Goh, Melvyn Sim, Weina Zhang), "Portfolio Value-at-Risk Optimization for Asymmetrically Distributed Asset Returns", IEEE International Conference on Computational Intelligence and Software Engineering (Special Session on Applied Mathematics and Information Management), Wuhan December 9-11, 2011.

Lim Kian Guan, Presentation at Conference, "Statistical Tests of Conditional Shortfalls and Change-Point Estimation in Risk Management," The 30th International Annual Conference on Multivariate Statistical Analysis MSA 2011, Lodz, Poland, 7 to 9 November 2011.

Lim Kian Guan, Presentation at Conference, "Statistical Tests of Conditional Shortfalls and Change-Point Estimation in Risk Management," Analytical Methods in Statistics Workshop (AMISTAT 2011) Prague, October 28-30, 2011.

Lim Kian Guan, Visit and Invited Lecture: "The Econometrics of Testing Risk Changes using Distributional Theory," at Faculty of Economics, Chiang Mai University, 28 September, 2011.

Lim Kian Guan, Presentation at Conference, "Global Financial Risks and Changes in Conditional Value-at-Risk," World Business, Economics and Finance Conference 26, 27 September 2011, Novotel Hotel, Bangkok, Thailand.
(Won the Best Paper Award, Appointed Fellow of the World Business Institute, Australia)

Lim Kian Guan, Invited Talk, 2011 "Structural Changes and Change-Point Estimation in Tails of Loss Distributions," 2nd Singapore Conference on Statistical Science, at NUS September 19, 20.

Lim Kian Guan, Invited Presentation: "Central Counter-Parties and Default Risks," presented at Asian Development Bank, Economic Research Dept (ERD) and Financial Services Dept (FSD), Manila, 4 August 2011.

Lim Kian Guan, Invited Seminar Presentation: "Investment Risks and Tests of Changes in Tail Distributions," research seminar presented at the University of the Philippines Dilimon Economics Dept, 5 August 2011.

Lim Kian Guan, Invited Talk: “Managing Cultural Diversity and Change,” at Our Lady of Fatima University Manila, 6 August 2011.

Lim Kian Guan, Invited Presentation: “The Econometrics of Risk Measurement and Management Part I,” Workshop for Faculty and Doctoral Students, University of the Philippines Dilimon Economics Dept, 8 August 2011.

Lim Kian Guan, Invited Presentation: “The Econometrics of Risk Measurement and Management Part II,” Workshop for Faculty and Doctoral Students, University of the Philippines Dilimon Economics Dept, 9 August 2011.

Lim Kian Guan, “Financial Valuation and Econometrics,” with World-Scientific Publisher, 2011. (Technical Text Book)

Lim Kian Guan, “Probability and Finance Theory,'' with World-Scientific Publisher, 2011. (Technical Text Book)

Presentation of paper: Carolyn Chang, Jack Chang, and Kian Guan Lim, “Climate Risk Management: The Case of Tropical Cyclones”, presented at the 2010 *World Risk and Insurance Economics Congress*, July 25-29, Singapore.

Lim Kian Guan, “Climate Risk Management: The Case of Tropical Cyclones” (co-authored paper), presented at Rutgers Business School, 26th May 2010.

Lim Kian Guan, Discussant of paper, “Insurance Cycle and Business Cycle: An International Perspective,” by Q. Sun, W. Zheng, and Z. Xiao from Peking University, Melbourne University Finance Down-under Conference, March 2010.

Lim Kian Guan, “Global Financial Risks and Changes in Conditional Value-at-Risk,” invited by Journal of Business and Policy Research for publication, 2011.

WORKING PAPER(S)

Kian-Guan Lim and Christopher Ting, "On the Term Structure of Model-Free Volatilities and Volatility Risk Premium," revise and re-submit for Quantitative Finance, 2011.

Carolyn Chang, Jack Chang, and Kian Guan Lim, “Global Warming, Extreme Weather Events, and Forecasting Tropical Cyclones: A Market-Based Forward-Looking Approach,” revise and re-submit for ASTIN Bulletin, The Journal of the International Actuarial Association, 2011.

Lim Kian Guan, “Structural Changes and Change-Point Estimation in Tails of Loss Distributions” 2011.

Lim Kian Guan, “A New Skewness-Based Equilibrium Asset Pricing Model” 2011.

Zhou Yi, K.G. Lim, and Li Yun, “An Empirical Investigation on the Shape of Credit Spread Term Structures,” 2011.

REFEREED PUBLICATIONS BEFORE 2010

QUANTITATIVE FINANCE AREA

Zhan-Yong Liu, Gang-Zhi Fan and Kian Guan Lim, “Extreme Events and the Copula Pricing of Commercial Mortgage-Backed Securities,” *Journal of Real Estate Finance and Economics*, Volume 38, Issue 3, 2009.

LJ Cao, Zhang JQ, Lim Kian Guan, and Zhonghui Zhao, “An Empirical Study of Pricing and Hedging Collaterized Debt Obligation (CDO),” *Advances in Econometrics*, 2008, Volume 22, 15-54. Emerald Group Publishing Limited.

Zhe Zhang and Kian-Guan Lim, “A Non-Lattice Pricing Model of American Options under Stochastic Volatility,” May 2006, Vol 26, No 5, *Journal of Futures Markets*, 417-448.

T.F. Sing, S.E.Ong, G.Z. Fan, and K.G. Lim, “Pricing Credit Risk of Asset-Backed Securitization Bonds in Singapore,” *International Journal of Theoretical and Applied Finance,* 2005, Vol. 8, No. 3, 321-338.

Yuan Gao, Lim Kian Guan, and Ng Kah Hwa, “An Approximation Pricing Algorithm in an Incomplete Market: A Differential Geometric Approach”, *Finance & Stochastics*, Vol 8, No 4, Nov 2004, 501-523.

Kian Guan Lim, Fenghua Song, and Mitch Warachka, “The Effect of Taxes on the Pricing of Defaultable Debt,” *The Journal of Risk*, Vol. 6, No. 2, Winter 2004.

Kian-Guan Lim and Eric Terry, “The Valuation of Multiple Stock Warrants,” *Journal of Futures Markets*, Vol. 23, No. 6, June 2003, pp.517-534.

Kian-Guan Lim, Chang Shiwei, and Tsui Kai Chong, “Defaultable Debt Pricing in Multi-Factor Models,” *International Journal of Theoretical and Applied Finance*, Vol. 5, No. 8, 2002, pp. 823-844.

Kian-Guan Lim and Da Zhi, “Pricing Options using Implied Trees: Evidence from FTSE-100 Options,” *Journal of Futures Markets*, Vol. 22 No. 7, July 2002, pp 601-626.

Lim K.G. and Guo XQ, “Pricing American Options with Stochastic Volatility: Evidence from S&P 500 Futures Options,” *Journal of Futures Markets*, Vol. 20, No. 7, 2000, pp. 625-659, USA.

<u>EMPIRICAL FINANCE AREA</u>

Lim Kian Guan, Christopher Ting, and Mitch Warachka, “The implied jump risk of LIBOR rates,” *Journal of Banking and Finance*, 2005, Vol 29, Issue 10, 2503-2522.

C.W. Chang, J.S.K. Chang, and K.G. Lim, “Pricing and Hedging Emerging Market Derivatives: The Case of Hong Kong Derivative Warrants,” *Asia Pacific Journal of Finance*, Vol. 3, Issue 1, May 2000.

Wang SY, Lim K.G., and C.W. Chang, “A New Methodology for Studying Intraday Dynamics of Nikkei Index Futures using Markov Chains,” *Journal of International Financial Markets, Institutions and Money*, Vol.9, pp.247-265, 1999, Elsevier-North Holland, USA.

Lim K.G., WY Yeo, KA Wong, and SC Wong, “Information and Liquidity Effect of Government Approved Stock Investments,” *Pacific-Basin Finance Journal*, Vol 7, 1999, pp. 523-538, North-Holland, USA.

Lim K.G. and E.H.K. Ng, “A Theory of IPO Pricing using Tender Prices,” Vol.9, pp. 433-442, 1999, *Applied Financial Economics*, UK.

C.W. Chang, J.S.K. Chang, and K.G. Lim, “Information-Time Option Pricing: Theory and Empirical Evidence,” *Journal of Financial Economics*, Vol 48, No 2, USA, May 1998.

K.G. Lim, K.C. Loo, and Ruth Tan, “Arbitrage in Nikkei Stock Average Futures across Osaka and SIMEX,” *Accounting Research Journal*, Vol.11, No.1, pp.218-232, 1998 Australia.

K.G. Lim, D. How, and Eric Terry, “Information Transmission across Eurodollar Futures Markets,” *International Journal of Theoretical and Applied Finance*, World Scientific Publisher, Vol.1, No.2, pp.235-245, 1998.

Lim KG, and C Teo, “Pricing and informational efficiency of the Nikkei futures options,” *Research in Finance*, Vol 15, pp. 197-254, 1997, USA.

Lim, KG, “Information Content of Japanese Management Earnings Forecasts,” *Accounting Research Journal*, 8, No.1, 1995. 27-35. (Australia)

Lim, KG and J Muthuswamy, “The Impact of Transaction Costs on Nikkei Stock Index Futures Arbitrage,” *The Review of Futures Markets*. Vol.12, No.3, 1993, 717-738 (USA).

Lim, KG, "Arbitrage and Price Behavior of the Nikkei Stock Index Futures," *The Journal of Futures Markets*, USA, Vol.12, No.2, April 1992, 151-161. (US)

Dean Corbae, KG Lim and Sam Ouliaris, "On Cointegration and Tests of Forward Market Unbiasedness," *Review of Economics and Statistics*, Vol 74, Issue 4, Nov 1992, 728-732. (US)

Lim, KG, "Speculative, Hedging, and Arbitrage Efficiency of the Nikkei Index Futures," *Pacific-Basin Capital Markets Research*, 3, 1992, 441-461. (US)

Lim, KG and Phoon Kok-Fai, "Tests of Rational Bubbles using Cointegration Theory. *Applied Financial Economics*, Vol.1, No.2, June 1991, 85-88. (UK)

Lim, KG and K F Phoon, “Testing the Warrant Pricing Model," *Economic Letters* 35, 1991, 451-455. (US)

Lim, KG, "A new test of the three moment capital asset pricing model," *Journal of Financial and Quantitative Analysis*, June 1989, Vol.24, No.2, 205-216.(US)

Lim, KG, "Dividend Policy and Tax Structure," *Economic Letters* 31, 1989, 269-272. (US)

RISK MANAGEMENT AREA

Lim Kian Guan, Liu Xiaoqing, and Tsui Kai Chong, “Asymptotic Dynamics and VAR of Large Diversified Portfolios in a Jump-Diffusion Market,” *Quantitative Finance*, Journal of the Institute of Physics, UK, 2004, Vol 4, issue 2, 129-139.

Lim Kian Guan and Low Teng Yong, “Swap book risk valuation using convexity adjustments,” *Derivatives Use, Trading & Regulation*, an International Journal of the Futures and Options Association UK, Vol. 8, No. 2, 2002, pp. 123-139.

Kian-Guan Lim, “Estimating Credit Risk Premia,” *ICFAI Journal of Financial Risk Management*, Vol. III, No.3, September 2006, 7-29.

Li Yun, Lim Kian Guan, and Tsui Kai Chong, “Estimating the Credit Risk Premium Adjustments of Corporate Bonds,” *Asia-Pacific Journal of Financial Studies*, Journal of the Korean Securities Association, Vol. 32, No.2, 2003, 245-274.

Lim Kian Guan, "Credit Portfolio Management," *Aoyama Management Review*, 4, 2003, 54-61.

Lim, KG, "Portfolio Hedging and Basis Risk," *Applied Financial Economics*, 6, U.K. 1996, 543-549.

Lim, KG and T Y Low, "Volatility and margining in futures exchange," *Singapore Management Review*, Vol 18, No 1, 1996, 15-26.

COMPUTATIONAL METHODS AREA

Cai LJ, Zhang JQ, Cai Zongwu, Lim Kian Guan, "An empirical study of dimensionality reduction in support vector machine," June 2006, Vol. 16, *Neural Network World*, 177-192.

Lijuan Cao, Lim Kian Guan, Zhang Jingqing, "Bond Rating Using Support Vector Machine," 2006, Vol 10, No 3 (May-June), *Intelligent Data Analysis*, IOS Press, 285-296.

Kian Guan Lim and Qin Xiao, "Computing Maximum Smoothness Forward Rate Curves," *Statistics and Computing*, Vol.12, 2002, pp. 275-279, ISSN 0960-3174.

Kian Guan Lim, Qin Xiao, and Jimmy Ang, "Estimating Forward Rate Curve in Pricing Interest Rate Derivatives," *Derivatives Use, Trading & Regulation*, an International Journal of the Futures and Options Association UK, Vol. 6 No.4, 2001, pp. 299–305

BUSINESS & ECONOMICS AREA

Lim K.G. and T.Y. Tan, "China and the Asian Financial Crisis: Policy Options and Political Role," *Business and the Contemporary World*, Global Focus, Vol 11, No 2, pp.109-119, 1999, John Wiley, USA.

K.G. Lim and S.C. Wong, "Financial Markets Trends and Studies of Singapore Futures Markets," *Asia-Pacific Financial Markets*, formerly Financial Engineering and The Japanese Markets, Vol.5, pp.45-63, 1998. (Japan)

K.G. Lim and S.C. Wong, "New Financial Markets Trends and some Experiences of Singapore Markets," *Singapore Management Review*, 1998.

Lim, KG, K B Chow and K C Tsui, "Estimating Singapore's import function using demand systems theory," *Singapore Economic Review*, Vol. 41, No.1, pp 1-12, 1997.

Sudin Haron and Lim K.G., “An Equilibrium Characterization of Profitability in Islamic Banking,” *The Middle East Business and Economic Review*, Vol 9, No 2, 1997, 39-47, (Australia).

Leong SM and KG Lim, "Extending Financial Portfolio Theory for Product Management," *Decision Sciences*, Vol.22, No.1, Winter 1991, 181-193. (US)

Lim Chin and KG Lim, "Equilibrium pricing in the scrap car market," *Transportation Research* Part B Methodological, Vol.25B, No.4, 1991, 203-213. (UK)

OTHER AREAS

Lim, KG and IPL Png, "Dual Distribution in the Singapore Stock Brokerage Industry," *Singapore Management Review*, Vol.13, No.1, January 1991, 31-36.

Lim, KG and K S Chia, "Intra-day price behavior of the Nikkei Stock Average index futures," *Securities Industry Review*, Vol.17, No.1, April 1991. 55-62 (Singapore)

Ariff, M, KG Lim and L W Johnson, "The Normal Distribution in Applied Finance," *Singapore Journal of Statistics*, Vol.1 No.1, 1990. 147-155 (Singapore)

Lim, KG and CL Law, "Pricing of convertible coupon bonds in Singapore," *Singapore Business Review*, Vol.1, No.1, 1990.

Chow KB and KG Lim, "Small and Medium-Sized Enterprises: The Case of Japanese Investments in Singapore," *Singapore Management Review*, Vol.11, No.2, July 1989, 29-40.

Lim, KG and BS Foo, "Pricing of pure warrants in Singapore," *Singapore Management Review*, Vol.11, No.1, January 1989, 1-14.

Lim, KG and CL Law, "The Empirical Pricing of Singapore Treasury Bills," *Securities Industry Review*, Vol.15, No.1, April 1989, 39-43.

Ariff, M and KG Lim, "The Rate of Return under Re-Capitalization: A Note," *Asia Pacific Journal of Management*, Vol.6, No.1, October 1988, 141-147.

Lim, KG and C C Goh, "Pricing of warrants with an option to exercise with loan stocks," *Securities Industry Review*, Vol.14, No.1, April 1988, 1-20.

Lim, KG, "A Generalized Method of Moments Test of the Capital Asset Pricing Model," *Securities Industry Review*, Vol.14, No.2, October 1988, 1-18.

NON-REFEREED PUBLICATIONS BEFORE 2010

Kian-Guan Lim, 2007, “The Asia Pacific Journal of Management Between 1992 and 1995,” 25th Anniversary Special Issue, *Asia Pacific Journal of Management*, Vol.24, No.4, 397-400.

Kian-Guan Lim, “Singapore Economy and Financial Markets in the New Millennium,” November 2001, *Aoyama Gakuin Finance Research Paper Collection*.

Kian Guan Lim, “Completing Market with Index Futures and Options,” *PULSES*, Singapore Exchange Publication, Jan 2001, pp. 14-20.

KG Lim, “Selecting Derivatives Software,” *MarketLink*, published by the Singapore Exchange, March 2000.

Xu DL, Loy, KY Lam, and KG Lim, “Three Dominant Cycles in Singapore’s Stock Index,” *Stock Exchange Journal Singapore*, Sep 1999, 25-27.

Xu DL, Loy, KY Lam, and KG Lim, “Chaos Theory for Stock Market Forecasting,” *Stock Exchange Journal Singapore*, Dec 1998.

Lim KG, Review of “Islamic Banking System: Concepts and Applications” by Sudin Haron and B. Shanmugam, Pelanduk Publisher, *Asia Pacific Journal of Management*, 1997.

Lim, KG, J Ang, and E S Terry, “Managing Crude Oil Price Risks using Brent Futures,” *Energy* (January 1997), Singapore.

Lim K.G., and Wong S.C., “Interesting Features of Securities in China,” *Today’s Manager*, Nov 1996, 31-33 (Singapore).

Lim, KG. Review of “Barings Bankruptcy and Financial Derivatives,” by P C Zhang, compiled by World Scientific, UK, 1995, in *Asia Pacific Journal of Management*, April 1996. Singapore

Lim, KG, "Financial Risk Management and Productivity," National Productivity Association 20th Anniversary Commemorative Publication, (Invited Paper), Singapore, 1993. Edited by National Productivity Association, pp 93-99.

Lim, K.G. Review of "FOREX" by Carew & Slatyer, Accounting and Finance, May 1990.

TECHNICAL REPORTS & CASE STUDIES

Lim, KG, J Ang and E S Terry, Managing Asia-Pacific Crude Oil Price Risks with Brent Futures. Technical Report. Singapore: SIMEX, December 1996, 13pp.

Lim, KG, Weekly Volatility Study of SIMEX Nikkei 225 Futures Contracts using GARCH Methodology. Technical Report. Singapore: SIMEX, December 1996, 15pp.

Lim, KG, QQ Xian, and T Y Low, Optimal Setting of Initial Margin. Technical Report. Singapore: SIMEX, December 1996. 9 pp.

Lim, KG and Q Q Xian, Hedging Defaulted Position. Technical Report. Singapore: SIMEX, December 1996. 35 pp.

Lim, KG and QQ Xian, Maintenance Margin Determination of Euroyen Futures Using GARCH Methodology. Technical Report. Singapore: SIMEX, December 1996. 14 pp.

Chow, K B, C C Lee, K C Tsui and KG Lim, Survey of Capital Stocks 1991. CBRD 6/47/93. Singapore, 28 February 1993. 11 pp. (Research prepared for Institute of Developing Economies, Tokyo) (Capital stocks survey).

Tsui, K C, K B Chow and KG Lim, "The Singapore Economy. Centre for Business Research and Development, Singapore, Paper 39/92, 11 December 1992. 4 pp. (Research prepared for Institute of Developing Economies, Tokyo) (GDP forecasts as at the third quarter 1992).

Lim, KG, K C Tsui and K B Chow, "Estimating Import Demand Functions: The Case of Singapore. Center for Business Research and Development paper 33/92, 20 August 1992. 12 pp (Research prepared for Institute of Developing Economies, Tokyo) (Import estimations of three commodity groups)

Koh, FCC, KG Lim, KF Phoon, KY Tan and KA Wong, Strategic Study of the Flow of Funds. Citibank NA, 1989, 204 pp.

Kian-Guan Lim, Raj Komaran, and Gilbert Tan, “Yeo’s Trans-Pacific Watershed Story,” Case written for Aoyama Gakuin Asian MBA Case Project with International Consortium, 2005.

Lim, KG, MaxBell Prosthodontics Private Limited. Case Study for Executive Development Programme. 1994, 18 pp

Lim, KG, Pullman Publications Private Limited. Case Study for Executive Development Programme. 1994, 5 pp.

Lim, KG, The International Dimension - Yeo Hiap Seng Limited. Case Study for Executive Development Programme. 1993, 4 pp

Lim, KG, Raffles Shipping Transport Company, Case Study. Singapore 1991,7pp.

Lim, KG, Kono Trading Company. Case Study. Singapore, 1991, 5 pp.

Lim, KG and W M Fong, Unocal, 1987. (Case Study)

CONFERENCE PAPERS & PROCEEDINGS BEFORE 2010

Kian-Guan Lim and Christopher Ting, "On the Term Structure of Model-Free Volatilities and Volatility Risk Premium," *2008 China International Conference in Finance*, Dalian, China, July 2-5, 2008.

ZY Liu, GZ Fan, and KG Lim, "Extreme Events and the Copula Pricing of Commercial Mortgaged-Backed Securities," *2007 Association of Asia Pacific Rim Universities Real Estate Research Symposium*, Singapore York Hotel, July 16-17.

Lim Kian-Guan, "Estimating Credit Risk Premia," *Financial Management Association Conference 2005*, Chicago October 11-14, 2005.

Tien Foo Sing, Seow Eng Ong, Gang Zhi Fan, and Kian Guan Lim, "Credit Spread Analysis for ABS Transactions in Singapore," *2003 Summer Meeting of the American Real Estate and Urban Economics Association's* (AREUEA), June 15-17, Cracow, Poland.

Li Juan Cao, Kok Seng Chua, Lim Kian Guan, "Combining KPCA with Support Vector Machine for Time Series Forecasting," *2003 IEEE International Conference on Computational Intelligence for Financial Engineering*, Mar 21-23, Hong Kong.

Li Juan Cao, Kok Seng Chua, Lim Kian Guan, "c-Ascending Support Vector Machines for Financial Time Series Forecasting," *2003 IEEE International Conference on Computational Intelligence for Financial Engineering*, Mar 21-23, Hong Kong.

Gao Yuan, KG Lim, and Ng KH, "Information differential geometry of equivalent martingale measures in an incomplete market," *2nd World Congress of the Bachelier Finance Society*, Crete June 12-15, 2002.

KG Lim, KT Uschi Phuah, and Wong SC, "The Impact of Credit Event on Treasury Bond Prices," (no printed proceedings) *8th Annual Asia Pacific Finance Association Conference, 2001*, July 22-25, Bangkok.

KG Lim, and Li Yun, "Credit Rating as a Noisy Signal of Bond Risk Premia," (no printed proceedings) *8th Annual Asia Pacific Finance Association Conference, 2001*, July 22-25, Bangkok.

KG Lim, and Weina Zhang, "Interest Rate Volatility in the Shanghai Bond Repurchase Market," (no printed proceedings) *8th Annual Asia Pacific Finance Association Conference, 2001*, July 22-25, Bangkok.

KG Lim, R Poskitt, and K Yip, "New Zealand Derivative Warrants: Price Modelling in Thin Markets," *CBOT Conference Proceedings*, Hong Kong, Feb 2000.

Lim KG and Wang SJ, "Kalman Filtering of Continuous Poisson-Gaussian HJM Model," *QMF 1999 Conference*, July 15-17, Sydney.

Lim KG and Qin X, "Estimating Maximum Smoothness and Maximum Flatness Forward Rate Curve," *QMF 1999 Conference*, July 15-17, Sydney.

Lim KG and Zhang Zhe, "An Analytical Approach to Pricing American Options under Stochastic Volatility," *QMF 1999 Conference*, July 15-17, Sydney.

Lim KG and Zhao L, "Recombining Tree for Deterministic Volatility Functions," *QMF 1999 Conference*, July 15-17, Sydney.

Lim KG and Wang SJ, "Kalman Filtering of Continuous Poisson-Gaussian HJM Model," *Asia Pacific Finance Association 6th Annual Conference*, July 12-14, 1999 Melbourne.

Lim KG and Qin X, "Estimating Maximum Smoothness and Maximum Flatness Forward Rate Curve," *Asia Pacific Finance Association 6th Annual Conference*, July 12-14, 1999 Melbourne.

Lim KG and Wong SC, "A Study of Market Microstructure Volatility using Hidden Markov Chain," *Asia Pacific Finance Association 6th Annual Conference*, July 12-14, 1999 Melbourne.

Chang SW and Lim KG, "Pricing Defaultable Bond," *Asia Pacific Finance Association 6th Annual Conference*, July 12-14, 1999 Melbourne.

Lim KG and Zhang Zhe, "An Analytical Approach to Pricing American Options under Stochastic Volatility," *Asia Pacific Finance Association 6th Annual Conference*, July 12-14, 1999 Melbourne.

Lim KG, Zhang Z, and Qian J, "Heteroskedastic Pricing Kernel and Evidence from the Shanghai Repo Market," *Asia Pacific Finance Association 6th Annual Conference*, July 12-14, 1999 Melbourne.

Lim KG and Zhao L, "Recombining Tree for Deterministic Volatility Functions," *Asia Pacific Finance Association 6th Annual Conference*, July 12-14, 1999 Melbourne.

Wang SY, KG Lim, and CW Chang, “A New Methodology for Studying Intraday Dynamics of Nikkei Index Futures using Markov Chains,” *11th Annual Australasian Finance and Banking Conference*, Sydney, 15-16 Dec 1998.

KG Lim and Wang ShiYun, “Intraday Behavior of Nikkei Index Futures Prices, Volumes, and Spreads,” *Institute of High Performance Computing Asia 1998 International Conference*, 22-25 Sep 98, Singapore.

Chng PL and KG Lim, “Sources of Risk and Risk Premia in Asian versus G7 Equity Markets,” *Institute of High Performance Computing Asia 1998 International Conference*, 22-25 Sep 98, Singapore.

Chang CCY, JSK Chang, and KG Lim, “Pricing and Hedging Hong Kong Derivative Warrants in Information-Time,” *Asia Pacific Finance Association 5th Annual Conference Proceedings and Joint Conference with Nippon Finance Association*, 19-22 July 1998, Tokyo.

D How, K.G. Lim, and Eric Terry, “Information Transmission across Eurodollar Futures Markets,” in the *4th Asia Pacific Finance Association International Conference abstract Proceedings*, 14-16 July Kuala Lumpur 1997, Malaysia.

Chang CCY, JSK Chang, and KG Lim, “Information-Time Valuation of Nikkei 225 Futures Options,” in the *4th Asia Pacific Finance Association International Conference abstract Proceedings*, 14-16 July Kuala Lumpur 1997, Malaysia.

Lim, KG, “A comment on The Pricing of Australian Imputation Tax Credits: Evidence from Individual Share Futures Contracts” (Discussant) - *Proceedings of 1997 Chicago Board of Trade Research Symposium*, 24-25 February 1997, Hong Kong.

Lim, KG. and Wee C.H., Strategic Management of Business Research in East Asia, In *Proceedings of the Association of Deans of Southeast Asian Graduate School of Management Business Research Conference*, Aug 22-24, Manila, 1996.

Lim, KG and C Teo, Pricing and informational efficiency of the Nikkei futures options. In (Abstract) *Proceedings of the 3rd Annual Conference of the Asia-Pacific Finance Association/PACAP* , Taipei July 8 - 10 1996, pp.65.

Lim, KG and Low T Y, Volatility and Margining in Futures Exchange, In Proceedings, *Academy of International Business Southeast Asia Regional Conference, at University of Otago*, New Zealand, 18-20 June 1996.

Lim, KG, “A comment on interest rate futures estimation” (Discussant) - *Proceedings of 1996 Chicago Board of Trade Research Symposium*, 26-27 February 1996, Singapore.

Lim, KG and EHK Ng, A theory of IPO using tender prices (Abstract). In *Proceedings of the 2nd Annual Conference of the Asia-Pacific Finance Association*, compiled by K C Chan, pp 44-57. Hong Kong: APFA, July 1995. Paper was also presented at TIMS XXXIII Conference, 25-28 June 1995, Suntec City, Singapore.

Lim, KG, Pricing options with alternative exercise costs. In *Proceedings of the Asia Pacific Finance Association 1st Annual Conference*, 29 September 1994, Sydney, Australia, pp 276-287.

Lim, KG, Estimating diffusion processes and financial applications. In *Proceedings of the Asia Pacific Finance Association 1st Annual Conference*, 28 September 1994, Sydney, Australia, pp 427-456.

Lim, KG, K B Chow and K C Tsui, European Community Market Integration and Singapore. In *Impact of EC Integration on Asian Industrializing Region*, edited by Mitsuru Toida, pp 236-262. Japan: Institute of Developing Economies, 1994. (Paper presented at IDE International Symposium, 22-24 June 1993, IDE, Tokyo, Japan).

Lim, KG and J Muthuswamy. The impact of transaction costs on Nikkei stock index futures arbitrage. *Fourth Chicago Board of Trade Conference*, 1-2 March 1993, Hong Kong.

Lim, KG, Arbitrage and price behavior of the Nikkei stock index futures. In *Proceedings of 2nd International Conference on Asian-Pacific Financial Markets*, 1991. (Paper presented at 2nd International Conference on Asian-Pacific Financial Markets, September 1991, Hong Kong)

Lim, KG, Speculative, hedging and arbitrage efficiency of the Nikkei index futures. In *Third Annual Pacific-Basin Finance Conference Proceedings*, edited by G Rhee, compiled by University of Rhode Islands, 1991. (Paper presented at 3rd Annual Pacific-Basin Finance Conference, June 1991, Seoul, South Korea)

Lim, KG, Pricing of bond-option of warrants in Singapore. In *Proceedings, Academy of International Business Southeast Asia Regional Conference*, 23-25 June 1988, Bangkok, Thailand.

Lim, KG, The equilibrium pricing pure warrants in Singapore. In *Proceedings, Academy of International Business Southeast Asia Regional Conference*, 23-25 June 1988, Bangkok, Thailand.

Lim, KG, Taxation and optimal dividend policy. In *Proceedings, International Conference on Optimisation: Techniques and Applications*, 1987, Singapore.

Lim, KG and JS Seah, Corporate financing during recession. In *Proceedings, Academy of International Business Southeast Asia Regional Conference*, 1987, Malaysia.

Lim, KG, The forward risk premium in a heterogeneous international exchange model. In Proceedings (abstracts), *Eastern Finance Assoc Conference*, 1985, United States.

Lim, KG, Valuation of foreign investment projects with a non-linear tax option adjustment. In Proceedings (abstracts), *Eastern Finance Assoc. Conference*, 1985, United States.

SEMINAR PRESENTATIONS / DISCUSSANTS INCLUDING SOME INVITED PRESENTATIONS BEFORE 2010

Lim Kian Guan, "Portfolio Value-at-Risk Optimization," presentation at Hitotsubashi University CFEE Conference in *Financial Engineering and Mathematical Finance*, August 8, 2009.

Lim Kian Guan, "Latest Development in Credit Risk Modelling," presentation in *Risk Modelling and Validation*, a Marcus Evans Conference, 6-7 July 2009, Marriott Hotel, Singapore.

Kian-Guan Lim, *First Singapore Conference on Quantitative Finance*, "The Term Structure of Model-Free Volatilities and Volatility Risk Premium," 23 Feb 2009, NUSS Kent Ridge Guild House.

Kian-Guan Lim, Discussant, Second Annual Risk Management Conference: "The Challenges of Risk Management in Volatile Financial Markets," by the Risk Management Institute, NUS, at Grand Hyatt Hotel, Singapore, 30 June – 2 July, 2008.

Kian-Guan Lim, Talk, "Quantitative Techniques in VaR," at the Risk Management Association meeting, February 14, 2006.

Kian-Guan Lim, seminar presentation, "Estimating Default Risk Premia under Stochastic Covariates," Simon Fraser University Segal Graduate School of Business, October 27, 2005.

Lim Kian Guan, discussant of "Homeownership as a constraint on asset allocation," by Stephen Cauley, at the 2005 NUS-HKU Symposium on Real Estate Research, July 14 and 15, Gallery Hotel, Singapore.

Lim Kian Guan, "Technology of Information Aggregation and Financial Asset Pricing," Symposium on "Globalization of Finance and Advancement of Financial Technology" at Aoyama Gakuin University, February 28, 2004.

Lim Kian Guan, discussant of "Estimating Implied Volatility and Risk Neutral Distributions based on option to wait to lease model," by Patel and Shiue, at the Singapore – Hong Kong Research Symposium, 18 – 19 July 2003, Pan Pacific Hotel, Singapore.

Lim Kian Guan (co-authored with Christopher Ting and Mitch Warachka), "The Impact of Macroeconomic Announcements on Interest Rate Dynamics," March 12, 2003, Paper presented at School of Economics, University of Madras.

Lim Kian Guan, "Credit Risk: Measurement and Management," Aoyama Gakuin University Business School 2002 Global Knowledge Network Lecture/Open Seminar held in Aoyama Business School, Tokyo, Friday December 13, 2002, #932 Auditorium.

Lim Kian Guan, "Estimating Stochastic Volatility Models," in Financial Mathematics Day, a one-day conference in conjunction with the Symposium on Stochastics and Applications (SSA: an ICM 2002 satellite conference) held in National University of Singapore, 15 to 17 August 2002.

Kian-Guan Lim, "Advanced Techniques in Credit Risk Modelling and Credit Derivatives Valuation," Monetary Authority of Singapore Risk Conference 2002, 31 Jan- 1 Feb, Pan Pacific Hotel.

Kian-Guan Lim and Song Fenghua, "Pricing Corporate Coupon Bonds," Quantitative Methods in Finance Annual Conference 2001, Sydney, December 12-15th 2001. (Invited Speaker)

Kian Guan Lim and Da Zhi, "Pricing Options using Implied Trees," Singapore-MIT Alliance first annual symposium, Jan 16, 2001, NUS University Cultural Centre.

Kian Guan Lim and Da Zhi, "Pricing Options using Implied Trees: Evidence from FTSE-100 Options," 4th Columbia University-Japanese Association for Financial Engineering and Econometrics Conference on Mathematical Finance and Financial Engineering, Tokyo, 16-17th December 2000. (Invited Speaker)

K.G. Lim, "Modelling, measuring and managing Credit Risk," RISK seminar, Hong Kong, 30-31 March 2000.

KG Lim and Wang SJ, "Kalman Filtering of Continuous Poisson-Gaussian HJM Model," MATLAB-Computing Beyond the Next Millennium Conference organised by TechSource Systems 18-19 October 1999, Singapore NTU.

Chang SW and Lim KG, "Pricing Defaultable Bond," QMF 1999 Conference, July 15-17, Sydney. (Invited Speaker)

KG Lim, "Developing Contents for Distance Education in Finance," Talk presented at the Third Global Classroom Conference, Aoyama Gakuin University, Tokyo, Japan, June 25-26, 1999.

KG Lim and Chang SW, "Pricing Defaultable Bonds," Seminar presented at Tokyo University Department of Mathematical Sciences, Japan, June 23, 1999.

Lim KG, "Financial Engineering and Exotic Options," at School of Economics and Management, Tsinghua University, China, 24 Nov 1998.

Lim K.G., "Distance Learning and IT in Singapore," Global Teleconferencing Talk linkup with Aoyama Gakuin University (Tokyo) 6 Nov 1998.

C Chang, J S K Chang, and KG Lim, "Pricing and Hedging Hong Kong Derivative Warrants in Information-Time," Paper presented at the Economics and Finance Department, Waikato University, New Zealand, 19 June 1998.

K.G. Lim, D. How, and Eric Terry, "Information Transmission across Eurodollar Futures Markets," Paper presented at the Accountancy, Finance, and Information Systems Department of the University of Canterbury, New Zealand, 5 June 1998..

KG Lim, presented in forum on 2nd Global Classroom Conference, July 28, 1997, Aoyama Gakuin University, Tokyo, Japan.

KG Lim, "New Financial Markets Trends and some Experiences of Singapore Markets," Paper presented at the 4th Japanese Association of Financial Econometrics and Engineering Conference, held at Aoyama Gakuin University, Tokyo, 29-31 July 1997. (Invited Speaker)

KG Lim, "Financial Markets Trends and Empirical Research," Paper presented at Entrepreneurial Development Institute Seminar, 13th July 1997, Universiti Utara Malaysia at Sintok, Malaysia.

Chang CCY, JSK Chang, KG Lim, "Theory and Empirical Evidence on the Valuation of Futures Option with Systematic Jump Risk: A Randomized Operational Time Approach," Paper presented at Finance and Economics Seminar, University of Technology Sydney, Australia, 18 April 1997.

Chang CCY, JSK Chang, KG Lim, "Theory and Empirical Evidence on the Valuation of Futures Option with Systematic Jump Risk: A Randomized Operational Time Approach," Paper presented at Finance and Economics Seminar, Royal Melbourne Institute of Technology, Australia, 4 April 1997.

Lim, KG, Keynote address at PHP Asia 21 Journal inauguration, Hotel New Otani, 21 Dec 1995, Singapore. (Invited Speaker)

Lim, KG, Weekly volatility study of SIMEX contracts using GARCH methodology. Paper presented at SIMEX Clearing House Committee Meeting, 18 October 1995, SIMEX, Singapore. (Invited Presentation)

Lim, KG, Estimating diffusion processes and financial applications. Paper presented at Monash University Department of Accounting & Finance Staff Seminar Series, September 1994, Monash University at Clayton, Australia.

Lim KG, Distribution-free estimation of diffusion coefficient and its financial applications. Paper presented at Wharton School Finance Department Staff Seminar Series, 18 May 1994, Wharton Business School, Philadelphia, United States.

Lim, KG, K B Chow and K C Tsui, Estimating the impact of European Community integration on Singapore trade sector. Paper presented at Institute of Developing Economies Seminar, 16-17 March 1993, IDE, Tokyo, Japan.

Lim, KG, Speculative, hedging and arbitrage efficiency of the Nikkei index futures. Paper presented at Seminar at Australian Graduate School of Business, December 1990, Sydney, Australia.

Lim, KG, Speculative, hedging and arbitrage efficiency of the Nikkei index futures. Paper presented at Seminar at Melbourne Graduate School of Business, December 1990, Melbourne, Australia.

Lim, KG, Speculative, hedging and arbitrage efficiency of the Nikkei index futures. Paper presented at Seminar at Institute of Developing Economics, October 1990, IDE, Tokyo, Japan.

Lim, KG, discussant at International Conference on Financial Systems and Policy, 1988, Indonesia.

Chow, K B and KG Lim, “Guidelines on Input-Output Analysis of Tourism” Paper presented at Expert group Meeting on the Measurement of the Economic Impact of Tourism by Input-Output Analysis, UN ESCAP, 22-25 November 1988, Bangkok, Thailand.

KG Lim, “Pricing American CEV Options,” NUS Inter-Faculty Seminar on Applications of Mathematics in Finance and Engineering, 17 Apr 1998, organised by the Dept of Mathematics, NUS.

Yeo WY, KG Lim, and KA Wong, "Economic Impact of CPF Approved Investment Scheme," Paper presented at Second NUS Finance Conference, 30 August 1996, Singapore.

Lim, KG and C Teo, Pricing Nikkei futures options. Paper presented at 1st NUS Finance Seminar, 8 September 1995, Marriott Hotel, Singapore.

Lim, KG, Pricing future options: Analytical solutions. Paper presented at NUS Mathematics Dept. Seminar, September 1995. Mathematics Dept, NUS, Singapore.

Lim, KG, Estimating diffusion processes and financial applications. Paper presented at Decision Sciences Department Seminar Series, July 1994, National University of Singapore, Singapore.

<u>BOOK, CHAPTERS OF BOOKS, JOURNAL EDITIONS, & CD-ROM BEFORE 2010</u>

Kian-Guan Lim, 2007, "Investment and Financial Data Analysis," *Mc-Graw Hill Publisher* (ACE – class distribution only), ISBN 978-007-126650-5. (Please note that sales outside of class/SMU are not in the terms as the publication is a set of pre-edited compiled class notes.)

Kian-Guan Lim, "Appreciation of Financial Engineering," a *Center for Financial Engineering CD-ROM*, produced 2001.

Kian-Guan Lim, "The efficient markets hypothesis: a developmental perspective," Chapter 9 in *Pioneers of Financial Economics Volume II Twentieth-Century Contributions* edited by Geoffrey Poitras, Edward Elgar Publisher, 2007.

Leong SM and KG Lim, "Cross-track betting: Is the grass greener on the other side?" In *Efficiency of Racetrack Betting Markets*, edited by Donald B Hausch, Victor S Y Lo, and William T Ziemba, pp 617-629. USA. Academic Press, 1994.

Koh, FCC, KG Lim, T Walter and KA Wong, editors, *Asia Pacific Journal of Management* 11, no.2. Singapore, October 1994. (Special Issue on Asian-Pacific Financial Markets).

Fang, Z, YK Ho, KG Lim and KA Wong, editors, *Asia Pacific Journal of Management*, October 1992. (Special Issue on Asian-Pacific Financial Markets).

KG Lim, edited *Asia Pacific Journal of Management* Vol 10, Issue 1, April 1993, Vol 10, Issue 2, October 1993, Vol 11, Issue 1, April 1994, and Vol 12, Issue 1, April 1995.

Chow K B, KG Lim, K C Tsui and CC Lee, "1992 Economic Forecasts for Asian Industrializing Region, The Singapore Economy: Review and Outlook," Chapter 5, in *Institute of Developing Economies, PAIR Economic Forecasting Report* edited by M. Toida and D. Hiratsuka, Tokyo, March 1992.

Lim, KG and C C Goh, Pricing of warrants with an option to exercise with loan stocks. In *Investment Analysis and Management*, edited by S H Saw and C P Lim. Singapore: Longman Singapore Publishers and Singapore Stock Exchange, 1990.

Lim, KG, A generalised method of moments test of the capital asset pricing model. In *Investment Analysis and Management*, edited by S H Saw and C P Lim. Singapore: Longman Singapore Publishers and Singapore Stock Exchange, 1990.

Lim, KG and CL Law, The empirical pricing of Singapore treasury bills. In *Investment Analysis and Management*, edited by S H Saw and C P Lim. Singapore: Longman Singapore Publishers and Singapore Stock Exchange, 1990.

Ariff, M, KG Lim, TA Wilkins and KA Wong, editors, *Asia Pacific Journal of Management*, December 1990. (Special Issue on Asian-Pacific Financial Markets).

Lim, KG, and S F Boon, Pricing of pure warrants in Singapore. In *Securities Pricing in Singapore*. Singapore: Longmans Publications, 1990.

Lim, KG, editor, *Singapore Banking & Finance*, 1989, published by the Singapore Institute of Banking and Finance.

TEACHING

SMU Teaching Honor List 2007-08 (some other classes not on list due to small class size)

TAUGHT THE FOLLOWING UNDERGRADUATE COURSES

Finance Theory (NUS)
Options and Futures (NUS)
Time Series Analysis (NUS)
Corporate Finance (NUS)
International Finance (NUS)
Business Research (NUS)

Empirical Methods in Finance (SMU)
Investment and Financial Data Analysis (SMU)
Probability and Finance Theory (SMU)
Global Financial Risk Management (SMU)
Workshop in Fixed Income (SMU)
Finance FNCE101 (SMU)

TAUGHT THE FOLLOWING MBA COURSES

Empirical Finance (NUS)
Corporate Finance (NUS)
Investment Finance (NUS)
International Financial Management (NUS)
MBA Risk Management (SMU), July-August 2010

TAUGHT THE FOLLOWING MS APPLIED FINANCE COURSES

Advanced Fixed Income Securities (NUS, SMU)
Advanced Derivatives (NUS, SMU)

TAUGHT THE FOLLOWING MS FINANCIAL ENGINEERING COURSE

Advanced Financial Mathematics and Theory (NUS)

TAUGHT THE FOLLOWING MS QUANTITATIVE FINANCE COURSE

Risk Management (NUS MS in Quantitative Finance, Math Dept), June-July 2010, Jan-Apr 2011.

TAUGHT THE FOLLOWING MS (RESEARCH) COURSES

Corporate Finance (SMU)
Risk Management (SMU)

Note: Some of the available teaching evaluations are shown in the Attachments.

Held Research Workshops and Discussion with my doctoral and research Masters students.

BUSINESS EXECUTIVE COURSES

Taught in the SMU-Singapore Investment Bankers Association “Fixed Income Markets” course 2002, 2003.

Taught in Financial Management Executive Development programs at NUS various years from 1989 – 1996.

Taught in the UCLA – NUS Executive Finance Program, 1992.

Taught in Risk Management 12–week Industry Seminar organized by NUS CFE and Reuters, 1999–2000.

Taught in Bond Analytics 10–week Industry Seminar organized by NUS CFE and Bloomberg and IMAS, 2000–2001.

Taught in the first CFA course organized by the Institute of Finance and Banking in 1987-1989.

RESEARCH THESIS SUPERVISION

Supervised 5 Masters of Science at SMU

Supervised/co-supervised 4 PhDs at NUS

Supervised 16 Masters of Science at NUS

Supervised several dozens of Honours Year Academic Exercises and MBA Advanced Study Projects at NUS

EXTERNAL THESIS EXAMINER

PhD thesis examiner, University of Technology of Sydney, Australia, 1996, 2009, 2011
PhD thesis examiner, University of Melbourne, Australia, 2003
PhD thesis examiner, City University of Hong Kong, 2002
External Examiner, National University of Singapore, 2002
External examiner, Universiti Utara Malaysia, Faculty of Business, 2000/2001
PhD thesis examiner, National University of Singapore, 2001

EXTERNAL CONSULTATIONS

Temasek Holdings (derivatives training)
Capital Securities Corporation, Taiwan (set up proprietary trading on warrants)
Bank of East Asia, Singapore
Singapore International Monetary Exchange (training)
Development Bank of Singapore (risk software validation & also training)
Ernst & Young Corporate Advisory Services
Citibank Corp, Singapore
American Express Group of Companies
Shearson Lehman Brothers
Marketing Institute of Singapore (training)
Institute of Banking and Finance (training and exams board)

Singapore Telecoms International Ltd. (training)
Singapore Airlines
Institute of Developing Economies, Japan
UNESCAP (United Nations)
Horizon Investments
Government of Singapore Investment Corporation (training)
Changi Airport Managers and Partners (Singapore) Pte. Ltd.
United Overseas Bank (risk software validation)

The consultancies are on project basis and for short durations usually of a few months, the longest being 3 years.

FINANCIAL EXPERT WITNESS

Expert witness for Drew & Napier Law firm for litigation case on Valuation of Bonds with Warrants between two international banks.

AWARDS

USA Financial Management Association International 1997 Competitive Paper Award, the Chicago Board of Trade Prize in the Futures and Options on Futures category

National University of Singapore Outstanding Research Award, 1998

National Taiwan University International Conference Competitive Paper Award Prize for best paper in derivatives, 1998

Erskine Fellowship at University of Canterbury, 1998

French Exchange Fellowship at INSEAD, France, 1991

Best Graduating Student Award, University of Manchester Institute of Science and Technology, 1978

Republic of Singapore's President Scholarship and Overseas Merit Scholarship, 1975-78

NATIONAL & PUBLIC SERVICE

1991 – 1992	Singapore Public Service Commission President's Scholarship Selection Board
1986 – 2001	Captain (Res), Singapore Armed Forces Brigade Deputy Operations Staff Officer (Reservist Service) SAF Reserve Service Excellent Conduct Medal

1978 – 1980	Battalion Deputy Manpower Officer Infantry Platoon Commander Sea Patrol during Vietnamese refugee era Battalion Deputy Operations Staff Officer Commander, overseas live mortar firing exercise
1974 – 1975	Officer Cadet Course, SAF Training Institute

INTERNATIONAL JOURNAL EDITORIAL SERVICES

Associate Editor, International Review of Finance, official journal of the Asia Pacific Finance Association/Nippon Finance Association, Blackwell Publisher, 1998-

Associate Editor, International Journal of Theoretical and Applied Finance, World Scientific, 1997-

Associate Editor, Asia-Pacific Financial Markets (previously Financial Engineering and Japanese Markets), 1997-

Editorial Board Member, Accounting Research Journal (Australia), 1994-

Editorial Board Member, The International Journal of Banking and Finance, Penerbit Universiti Utara Malaysia Publishers, 2004-

Editorial Committee Member, Asian Institute of Finance Review, Malaysia, 2010 –

Associate Editor, African Finance Journal (South Africa), 1998-2011

Editorial Advisory Board, Asia-Pacific Business Review, 2011 –

Chief Editor, previously Editor (1990-92), of Asia Pacific Journal of Management, 1992-1995

Associate Editor, Asia-Pacific Journal of Financial Studies, 2003-2005.

Editorial Board Member, Pacific-Basin Finance Journal, USA, 1992-1997.

Regional Communications Editor, Asia Pacific Journal of Management, 1986-88
Editor, Singapore Banking and Finance, a journal of the Institute of Banking and Finance, 1988-89

PROFESSIONAL SERVICES

Advisory Committee Member, Republic Polytechnic Centre For Innovation And Enterprise, 2006 –

MAS Financial Scholarship Programme Scholarship Interview Panel member, 2008-2010

Member Advisory Board, and Chairman, Research Board, of the BNP Paribas Hedge Fund Centre at SMU, 2007 – 2008

Member, Advisory Council, Graduate School of International Management, Aoyama Gakuin University, Japan, 2001-2007

Board Member, ABEST21, 2005 - 2006, The Alliance on Business Education and Scholarship for Tomorrow – a 21st Century Organization

External Academic Advisor, Faculty of Business, City University of Hong Kong, BBA (Hons) Financial Engineering Program, 1 Oct 2002 – 2008

Assessor for Research Grants Council of Hong Kong, 2005.

Who's Who in Science and Engineering, published by Marquis Who's Who 2003-2004, and so on.

Assessor, Australian Research Council University Small Grant Program, 1997-2000.

External Assessor, Hong Kong Government University Research Grants, 1994-2000.

Member, Singapore University Press-World Scientific Sub-Committee for Banking, Economics and Business Studies, 1999-2001.

Founding President, Association for Financial Engineering Singapore, 1999.

Examinations Board Member of FOREX Association of Singapore, 1997-1999.

Committee Member of Association of International Financial Engineers (USA) Singapore Dinner Committee, 1997-1999.

Board Member, Honorary Secretary, Asia Pacific Finance Association (premier finance academic association based in Asia with academic members from Australia, Hong Kong, India, Japan, Korea, Malaysia, PRC, Singapore, UK, and USA etc.) 1993 – 1998.

Member, Business-Times & Deutsche Morgan Grenfell Stock Index Review Committee, Industry Panel, 1996.

Secretary, Pro-tempore Committee, Asia Pacific Finance Association, 1991-1993, founding secretary.

Member, Executive Committee of the Academy of Financial Services, 1987-88

REVIEW FOR JOURNALS AND BOOKS

Occasional reviewer for Mathematical Finance, Journal of Financial and Quantitative Analysis, Journal of Economic Dynamics and Control, Journal of Futures Markets, Quantitative Finance, IEEE Transactions, International Review of Economics and Finance, The Quarterly Review of Economics and Finance, Global Finance journal, Pacific-Basin Finance Journal, Accounting Research Journal, Australian Journal of Management, Applied Financial Economics, The Journal of Real Estate Finance and Economics, Asia Pacific Journal of Management, Asia Pacific Journal of Finance, Malaysian Journal of Economic Studies, Singapore Management Review, Securities Industry Review, Asian Case Research Journal

Book reviewer, John Wiley & Sons, 1998-2001

Book reviewer, Prentice-Hall International, 1993-2001

Book reviewer, Longmans Publisher, 1990-2001

Member, Pearson Education Asia Panel of Reviewers, 1999-2001

Book reviewer, Academic Press, 2001

Book reviewer, World Scientific, 1999-2001

ORGANIZATION OF & REVIEW FOR INTERNATIONAL CONFERENCES

International Program Committee Member, IASTED (International Association for Science and Technology Development) International Conference on Management Science and Risk (MSR 2011), Oct 17-19 2011, Beijing PRC.

Melbourne University Finance Down-under Conference paper selection committee, 2011.

International Program Committee Member, IASTED (International Association for Science and Technology Development) 2ND International Conference on Advances in Management Science and Risk Assessment (AMSRA 2010), Nov 24-26, 2010, Phuket, Thailand.

Scientific Program Committee Member, NUS Institute of Mathematical Sciences & RMI joint program in Mathematical Finance, November-December 2009.

International Program Committee Member, IASTED (International Association for Science and Technology Development) International Conference on Advances in Management Science and Risk Assessment (AMSRA 2009), October 12-14, 2009, Beijing.

Scientific Program Committee Member, NUS Risk Management Institute Risk Management 3rd Annual Conference, Singapore 16-18 July 2009.

International Program Committee member of the 4th IASTED International Conference on Financial Engineering and Applications (FEA 2006), September 24-26, 2007, UC Berkeley, USA.

International Program Committee member of the 3rd IASTED International Conference on Financial Engineering and Applications (FEA 2006), October 9-11, 2006, MIT, Cambridge MA, USA.

Organising Co-Chair, Workshop on Computational Finance, 29-30 August, 2005, Institute of Mathematical Sciences, National University of Singapore.

Reviewer, 15th Annual Asia-Pacific Futures Research Symposium (CBOT), Singapore, February 2005.

International Program Committee member of International Conference on Financial Engineering and Applications (FEA 2004), November 8-10, 2004, Cambridge MA, USA.

Program Committee, 2000 7th Asia Pacific Finance Association Annual Conference, Shanghai.

Program Committee/reviewer, 1999 FMA/PACAP Finance Conference, Singapore.

Program Committee member, 1999 Far Eastern Meeting of the Econometric Society, July 1-3, 1999, Singapore.

Program Committee /reviewer, 10th Annual PACAP Finance Conference, Kuala Lumpur, 1998.

Program Committee /reviewer, Institute of High Performance Computing Asia 98 International Conference & Exhibition, 22-25 Sep 98, Singapore.

Program Committee /reviewer, 4th Asia Pacific Finance Association Annual Conference, Kuala Lumpur, July 1997.

Program Committee /reviewer, 7th Annual PACAP Finance Conference, Manila, 1995.

Chairperson, Finance Cluster, Program Committee /reviewer, TIMS (International Management Science) XXXIII International Conference, Singapore, June 1995.

Program Committee Co-Chairman/reviewer, 3rd International Conference on Asian Pacific Financial Markets, Singapore 1993.

Program Committee /reviewer, 5th Annual PACAP Finance Conference, Kuala Lumpur, 1993.

Program Committee /reviewer, 4th Annual PACAP Finance Conference, Hong Kong, 1992.

Program Committee /reviewer, 2nd International Conference on Asian Pacific Financial Markets, Hong Kong 1991.

Program Committee /reviewer, Academy of International Business Southeast Asia International Conference, 1991.

VISITING SCHOLAR

2004	Kellogg School, Northwestern University
1997-2005	Graduate School of International Management, Aoyama Gakuin University
1998	University of Canterbury
1997	Universiti Utara Malaysia
1994	Stanford Graduate School of Business
1994	Wharton School, University of Pennsylvania
1991	INSEAD, Fontainebleau
1990	Australian Graduate School of Management, University of New South Wales

List excludes short visits of up to one or two weeks at various Universities, e.g. Melbourne Business School, University Technology Sydney, Simon Fraser University, Monash University, RMIT, University of Philippines, ChiangMai University etc.

INSTITUTIONAL SERVICES

SINGAPORE MANAGEMENT UNIVERSITY

2008 – 2009	Interim Dean, Lee Kong Chian School of Business
2008 June	Deputy Dean, Lee Kong Chian School of Business
	Chair, Senior Faculty Search and Hire Committee
2006 – 2009	Head, Quantitative Finance Unit
2005 –2006	Master of Science (Finance) Program Coordinator
	Dean Search Committee
2003 – 2005	Associate Dean of Faculty, LKC School of Business

	University President Search Committee
2002 – 2005	Provost's Advisory Committee
2008 – 2009	Provost's Advisory Committee
2003 – 2004	Chairman University Task Force on Faculty Policies and Procedures University Graduate Research Program Committee
2003	Founding Chairman of University Faculty Senate

KEY CONTRIBUTIONS

- As Interim Dean of the Lee Kong Chian School of Business, 2008-2009, initiated the Graduate Program Office, the School Admissions Committee to select competitive, entrepreneurial and creative type of business students; started actual process of AACSB accreditation planning, implementation, and submission. Empowered Area faculty to make more budgetary and invitation decisions for senior scholars. Continued to strongly facilitate and support faculty research, and strongly facilitate and support student achievements such as case competitions and business quizzes. Completed the room expansion renovation of the school premise.
- As Head of Quantitative Finance Unit, created and put in operation the Quantitative Finance major program at SMU in 2006. Recruited the QF faculty and worked with them to prepare the necessary Quantitative Finance courses and workshops (over 10 such courses and workshops) as well as to network industry speakers, prepare a computing Laboratory, oversee a QED Quant Finance student society to champion the extra-curricular activities including starting a national Quant Finance Competition in conjunction with DBS, and generated a CFE Award for the Best Graduating student in Quantitative Finance.
- As Chairman of The University Task Force on Faculty Policies and Procedures, the Task Force recommended for approval by the Trustee Board to extend the tenure clock from six to eight years in the University's faculty tenure system.
- As Associate Dean of Faculty of the Business School from 2003 to end 2005, managed the appointment of over 45 new faculty members and the re-appointments, promotions, track conversions, and tenures of over 20 faculty cases based on due diligence process complete with external reviews, assessment reports, and presentations at the Provost Committee and the Academic Affairs Committee meetings.

NATIONAL UNIVERSITY OF SINGAPORE

2006 –	Adjunct Professor, Department of Mathematics, Faculty of Science
1997 – 2001	Director, NUS Centre for Financial Engineering
1999 – 2001	Director, Master of Science Program in Financial Engineering
2000 – 2001	Associate Fellow, Singapore-MIT Alliance
1995 – 1999	Vice-Dean, Faculty of Business Administration

	Chairman, Postgraduate Research Program Committee Deputy Chairman to Dean, Faculty Research Committee
1996 – 1999	Chairman, Faculty Financial Database Committee
1991 – 1992	University Senate Member
1995 – 1999	University Senate Member
1998 – 1999	University High Performance Computing Committee
1996 – 1997	University Task Force on Research
1992 – 1995	Chief Editor of Asia Pacific Journal of Management, Faculty Journal Office
1991 – 1992	Acting Head, Department of Finance and Banking
1987, 1991 – 1992	MBA and Diploma Board of Admissions
1988 – 1990	Sub-Dean, Faculty of Business Administration Chairman, Faculty Audio–Visual and HRM Behavioral Laboratory Committee Chairman, Faculty Building Maintenance and Renovation Committee Chairman, Staff Welfare and Recreation Committee Faculty Adviser to Student Investment Club AIESEC Chairman, Junior Colleges Visitation & Publicity Committee
1990	Faculty Committee for NUS 10th Anniversary Celebration
1988 – 1989	University Scholarships and Bursaries Selection Committee
1987 – 1989	University Library Committee Hon Sui Sen Memorial Library Advisory Committee Final Year BBA Program Co-ordinator, Faculty of Business Administration Faculty representative to Law Board of Examiners
1987 – 1988	Finance Department Seminar Coordinator
1986 – 1987	Chief Examiner, Ministry of Education GCE A Level Management Paper II

KEY CONTRIBUTIONS

- Directed a new Center for Computational Finance that was renamed Center for Financial Engineering and made a University level Center. Started the NUS Financial Engineering Masters program in Singapore. Led a quant finance team in several bank risk management software validation projects. Started the Association for Financial Engineering in Singapore. Raised about half a million dollars funding for the University through book prizes and awards for the MSc FE program.
- As Vice-Dean (Research) of the Faculty of Business Administration, I managed to help increase the School research budget from about $200,000 in 1995 to $1.5 million by 1998. Started the Faculty quarterly research newsletter, and co-started the Faculty Research Paper Series. Managed the recruitment of and increase in Masters and PhD research students from 20 in 1995 to over 120 in 1999.

- As Chief Editor of the Faculty Asia Pacific Journal of Management Office, I managed to help increase the journal circulation in US and Europe via direct marketing by mailing. The faculty flagship journal continued to become one of the top management journals in the world as evaluated by ANBAR Publishers in UK.

ATTACHMENTS:

STUDENT TEACHING EVALUATIONS AT SMU

QF204 Probability and Finance Theory *At least 10 students (Max score is 5.0)

S/N	Attributes Evaluated	My Score	Standard Deviation	School Percentile	School Ave*	Overall Percentile	SMU Ave*
1	Overall Assessment Score	4.267	0.762	80.392 %	4.029	74.286 %	4.047
2	Instructor Performance Average	4.233	0.745	79.085 %	4.035	75.556 %	4.015
3	Course Content Average	4.400	0.646	93.464 %	4.070	84.762 %	4.105

QF302 Investment and Financial Data Analysis *At least 10 students (Max score is 5.0)

S/N	Attributes Evaluated	My Score	Standard Deviation	School Percentile	School Ave*	Overall Percentile	SMU Ave*
1	Overall Assessment Score	4.329	0.722	84.916 %	4.018	78.470 %	4.068

2	Instructor Performance Average	4.143	0.775	55.866 %	4.058	56.091 %	4.054
3	Course Content Average	4.529	0.591	94.413 %	4.070	91.785 %	4.139

STUDENT TEACHING EVALUATIONS AT NUS

*Overall ranking position in terms of effectiveness and others amongst cohort of lecturers teaching in the same undergraduate year.

Undergraduate Teaching Evaluations

S/No	Year	Course	Level	Overall Ranking*
1	1987/88	Corporate Finance*	Year 3	10th out of 23
2	1987/88	Corporate Finance	Year 3	14th out of 39
3	1988/89	Corporate Finance	Year 3	2nd out of 25
4	1988/89	Corporate Finance	Year 3	6th out of 48
5	1989/90	Corporate Finance	Year 3	9th out of 31
6	1989/90	Corporate Finance	Year 3	11th out of 47
7	1990/91	Corporate Finance	Year 3	13th out of 30
8	1990/91	Corporate Finance	Year 3	8th out of 51
9	1990/91	International Financial Mgt	Honours Year	1st out of 11
10	1991/92	International Financial Mgt	Honours Year	1st out of 11
11	1992/93	International Financial Mgt	Honours Year	1st out of 11
12	1992/93	Time Series Analysis	Year 2	2nd out of 30
13	1992/93	Time Series Analysis	Year 2	1st out of 61
14	1993/94	Finance Theory	Year 3	8th out of 65
15	1993/94	Corporate Finance	Year 3	15th out of 68
16	1995/96	Business Research	Year 3 & 4	24th out of 64
17	1996/97	Business Research	Year 3 & 4	17th out of 70

MBA Teaching Evaluations

S/No.	Year	Course	General Knowledge	Overall Score
1	1987	Corporation Finance	4.62 out of 5.0	3.62 out of 5.0
2	1987	Investment Finance	4.71 out of 5.0	3.71 out of 5.0
3	1987	International Fin Mgt	4.66 out of 5.0	4.14 out of 5.0
4	1988	International Fin Mgt	4.66 out of 5.0	4.25 out of 5.0
5	1990	Empirical Finance	5.0 out of 5.0	4.14 out of 5.0
6	1992	International Fin Mgt	4.71 out of 5.0	4.29 out of 5.0

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