JUSSI KEPPO

Department of Analytics & Operations
NUS Business School
National University of Singapore
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ACADEMIC POSITIONS

2013-present **National University of Singapore**, Singapore
Associate Professor (with Tenure) in NUS Business School

2019-present **National University of Singapore**, Singapore
Dean's Chair in NUS Business School

2019-present **National University of Singapore**, Singapore
Research Director, Institute of Operations Research and Analytics

2013-2019 **National University of Singapore**, Singapore
Co-Director, NUS Business Analytics Center and Master of Science in Business Analytics Program

2008-2012 **University of Michigan**, Ann Arbor, MI
Associate Professor (with Tenure) in Industrial and Operations Engineering Department

2000-2008 **University of Michigan**, Ann Arbor, MI
Assistant Professor in Industrial and Operations Engineering Department

2011-2012 **Aalto University**, Helsinki, Finland
Visiting Professor in Department of Economics

Summer 2011 **Simon Fraser University**, Vancouver, Canada
Visiting Professor in Finance Department at the Beedie School of Business

Summer 2007 **Norwegian University of Science and Technology**, Trondheim, Norway
Visiting Professor in Department of Industrial Economics and Technology Management

Summers 2001-2003 **Helsinki University of Technology**, Espoo, Finland (currently Aalto University)
Visiting Professor in Systems Analysis Laboratory

1998-2000 **Columbia University**, New York, NY
Postdoctoral Researcher in Department of Statistics

CONSULTING AND INDUSTRY PROJECTS

Agri-Food and Veterinary Authority of Singapore, Alfred Berg ABN AMRO, ANZ, Applifier, ArrowStreet Capital, AXA Insurance, Bank of Finland, Bayer Health Care, CD

Financial Technology Ltd., ConocoPhillips, DBS Bank, Dimension Data, Dow Chemicals, DTE Energy Trading, EigenValue Ltd., Eli Lilly and Company, Facebook, Finnish Options Exchange, Fortum Power and Heat, Gaia Group, GrabTaxi Holdings, Helsinki Energy, Institute for Infocomm Research, Integrys Energy Services, Kulicke & Soffa, Maplewood Ltd., Merit Network, Necessity & Chance LLC, NTUC First Campus Co-operative, OCBC Bank, Postipankki Ltd., Precision Executive Search360 Ltd., R-Klinik, Unilever, University Financial Associates LLC, Xerox, X0PA Artificial Intelligence, and WorldQuant

EDUCATION

Helsinki University of Technology, Espoo, Finland (currently Aalto University)

1995-1998 Dr.Tech in Applied Mathematics

1992-1995 M.Sc. in Applied Mathematics, B.Sc. in Industrial Economics

TEACHING EXPERIENCE AND COURSE DEVELOPMENT

Business Analytics for Strategic Decisions, online executive education open program at NUS Business School (program director and instructor)
Topics: Analytics challenges and opportunities, analytics maturity and quality, evaluation metrics for different business use cases, data science personnel and analytics infrastructure, causal and predictive analytics

Leading with Big Data Analytics & Machine Learning, executive education open program and customized programs at NUS Business School (program director and instructor)
Topics: Big data analytics, data-driven opportunities, analytics strategy roadmap, disruptive innovation, and change management

Competing on Big Data and Machine Learning, executive education at Cheung Kong Graduate School of Business
Topics: Big data, predictive analytics, and data-driven business models

Leveraging Fintech for Business, executive education open program at NUS Business School (program co-director and instructor)
Topics: Digital transformation, digital payments, cryptocurrencies, fraud analytics, blockchain, cybersecurity, and business model innovation

Cybersecurity for Business Managers, executive education open program and customized programs at NUS Business School (program director and instructor)
Topics: Cyber economics, anatomy of a cyberattack, predictive tools, risk management, cybersecurity ecosystems, and resilient organizations

Analytics in Managerial Economics, graduate course at NUS Business School
Topics: Monopoly and market power, oligopolistic markets, causal identification, technological change, and network industries

Business Analytics Capstone Module, graduate course at NUS Business School
Topics: Different practical instruments for exercising business analytics in enterprises, identifying analytics opportunities, detecting critical information sources, data collection and analysis; this course includes three-month capstone project with industry partners

Quantitative Risk Management, graduate course at the University of Michigan, Norwegian University of Science and Technology, and at NUS Business School
Topics: Basic concepts and risk measures, multivariate models, financial time series, copulas and dependency, aggregate risk, Extreme Value Theory, and credit risk management

Analytical Tools for Consulting, undergraduate course at NUS Business School
Topics: Decision trees, regression modeling, simulation, and optimization

Field Action Project, graduate course at the University of Michigan
Topic: Faculty advised industry projects

Financial Engineering Practitioners Seminar, graduate seminar series at the University of Michigan
Topic: Seminar talks by visitors from financial industry

Financial Engineering II, graduate course at the University of Michigan
Topics: Interest rate models (short rate and forward rate), LIBOR and SWAP market models, portfolio optimization, fair pricing, derivative pricing under transaction costs and jump-diffusion processes

Financial Engineering I, graduate course at the University of Michigan
Topics: Introduction to stochastic calculus, hedging and arbitrage in continuous-time, Black-Scholes model, incomplete markets, and foreign exchange rate options

Capital Budgeting, undergraduate course at the University of Michigan
Topics: Net present value, capital asset pricing model, mean-variance portfolio optimization, real options, Modigliani-Miller Theorem, short term financial planning and cash management

Derivative Instruments, undergraduate course at the University of Michigan
Topics: Futures and forward contracts, swaps, option pricing with binomial trees, Black-Scholes model, hedging, and value-at-risk

Numerical Methods, graduate course at Simon Fraser University
Topics: Finite difference methods, Monte Carlo Simulation, lattice models, and model calibration

Introduction to Stochastic Differential Equations, graduate course at Helsinki University of Technology
Topics: Brownian motion, stochastic integral, Itô Formula, Martingale Representation Theorem, stochastic differential equations, Dynkin Formula, Feynman-Kac Formula, Girsanov Theorem, applications to optimal stopping and stochastic control

Introduction to Stochastic Processes, graduate course at Helsinki University of Technology
Topics: Markov chains, optimal stopping, martingales, renewal processes, Brownian motion, and stochastic integration

STIPENDS, GRANTS, AND AWARDS

2020	"Early Detection of Field Quality Signals" (PI: J. Keppo), ResMed, Singapore
2019	Research Award, Foundation for the promotion of security markets in Finland
2019-2021	"Application of Machine Learning for Smart Manufacturing" (PI: J. Keppo), Kulicke & Soffa Industries, Inc., Singapore
2018-2023	"N-CRiPT: **N**US **C**entre for **R**esearch **i**n **P**rivacy **T**echnologies" (PI: M. S. Kankanhalli, Co-PIs: A. Tung, P. Li-Shiuan, B. Leong, L. W.C. Wong, H. K. Garg, B. Sikdar, T. Sim, C. M. Choon, X. X. Kui, C. Ee-Chien, R. Shokri, J. Keppo, B. L. Y. Liang, R. T. Tan, B. Low K. Hsiang), National Research Foundation, Singapore
2018-2023	"AI- and Data-driven Financial Management and Analytics" (PI: B. C. Ooi, Co-PIs: Y. M. Chee, J. Keppo, R. Kimmel, E. B. A. Lim, T. Q. Phan, and X. Xiao), Ministry of Education, Singapore
2018-2020	"Models and algorithms for risk-aware stochastic games" (PI: J. Keppo), Institute of Operations Research and Analytics, National University of Singapore
2017-2019	"Digital Economy" (PI: B. Ke, Co-PIs: J. Chu and J. Keppo), Ng Teng Fong Charitable Foundation, Hong Kong
2016-2017	"Taxes and Financial Distress: Evidence from Credit Registry and Twins Data from Finland" (PI: S. Agarwal, Co-PI: J. Keppo), National University of Singapore
2013-2016	"Learning and Incentives" (PI: J. Keppo), National University of Singapore
2013-2016	"Unintended Consequences of Financial Regulation" (PI: J. Keppo), Risk Management Institute, National University of Singapore
2012	"The Value of Tax Payers' Put Option," BIS Research Fellowship
2010	"Credit Rating" (PIs: J. Keppo and H. Li), Rackham Graduate School Spring/Summer Research Grant, University of Michigan
2009-2012	"Behavior-based contract optimization" (PI: J. Keppo), Xerox Foundation Grant
2008-2009	"Pricing and Managing Risks in Global Manufacturing Enterprise" (PI: R. Saigal, Co-PI: J. Keppo), National Science Foundation
2006-2009	"A Global Theory of Information and its Nonconcavity, with Economics and Social Applications" (PI: L. Smith, Co-PI: J. Keppo), National Science Foundation
2007	Research Award, Foundation for the promotion of security markets in Finland
2005-2006	"Integrated Risk Management in Operations and Global Supply Chain Management: Risk Contracts and Insurance" (PI: V. Babich, Co-PIs: G. Aydin and J. Keppo), National Science Foundation
2005-2006	Rackham Grant and Fellowship, University of Michigan (PI: J. Keppo)
2002-2003	Fortum Power and Heat Ltd (PI: J. Keppo)
2001-2002	Fortum Power and Heat Ltd (PI: J. Keppo)
2000-2001	Ivo Foundation (PI: J. Keppo)
2000	Finnish Cultural Foundation (PI: J. Keppo)
1999-2000	The Fund of Emil Aaltonen (PI: J. Keppo)
1998-2000	The Academy of Finland (PI: J. Keppo)
1998-1999	Research Foundation of Säästöpankki (PI: J. Keppo)

1997	The Fund of Jenny and Antti Wihuri (PI: J. Keppo)
1996	Master's Thesis Award, Foundation for the promotion of security markets in Finland
1994	Excellent Academic Achievement, Helsinki University of Technology

JOURNAL PUBLICATIONS, CONFERENCE PROCEEDIGNS, AND BOOK CHAPTERS

"Are Monthly Market Returns Predictable?" (co-authored with T. Shumway and D. Weagley), conditionally accepted in *Review of Asset Pricing Studies.*

"Discrete dividend payments in continuous time," (co-authored with M. Reppen and H. M. Soner), forthcoming in *Mathematics of Operations Research.*

"Travel Time Uncertainties and Commuter Behavior: Evidence from Smart Card Data in Singapore," (co-authored with S. Agarwal, M. Diao, and T. F. Sing), forthcoming in *Journal of Urban Economics*.

"Project IDentif.AI: Harnessing Artificial Intelligence to Rapidly Optimize Combination Therapy Development for Infectious Disease Intervention," (authors: A. Abdulla, B. Wang, F. Qian, T. Kee, A. Blasiak, Y. H. Ong, L. Hooi, F. Parekh, R. Soriano, G. G. Olinger, J. Keppo, C. L. Hardesty, E. K. Chow, D. Ho, and X. Ding), *Advanced Therapeutics*, 2020. DOI link: https://doi.org/10.1002/ADTP.202000034

"The Role of Financial Literacy in Online Peer-to-Peer Lending: An Empirical Approach," (co-authored with X. Ran, T. Tan, and T. Q. Phan), in Proceedings of the 40th International Conference on Information Systems (ICIS 2019), Munich, Germany, December 15-18, 2019. Available at:
https://aisel.aisnet.org/icis2019/blockchain_fintech/blockchain_fintech/15/

"Opaque Bank Assets and Optimal Equity Capital," (co-authored with M. Dai and S. Huang), *Journal of Economic Dynamics and Control*, 2019, 100, pp. 369-394. DOI link: https://doi.org/10.1016/j.jedc.2019.01.005

"Implied Efficiency Curves from Analysis of Operational Patterns," (co-authored with S. Brelin, M.A. Lien, S.-E. Fleten., and A. Pichler) in Proceedings of the 6th International Workshop on Hydro Scheduling in Competitive Electricity Markets (edited by A. Helseth), Springer, 2019. DOI link: https://doi.org/10.1007/978-3-030-03311-8_9

"Risk-Aversion and B2B Contracting under Asymmetric Information: Evidence from Managed Print Services," (co-authored with J. Ning, V. Babich, and J. Handley), *Operations Research*, 2018, 66, pp. 392-408. DOI link: https://doi.org/10.1287/opre.2017.1673

"Risk Targeting and Policy Illusions - Evidence from the Announcement of the Volcker Rule," (co-authored with J. Korte), *Management Science*, 2018, 64, pp. 215-234. DOI link: https://doi.org/10.1287/mnsc.2016.2583

"Hiring, Firing, and Relocation under Employment Protection," (co-authored with M. Dai and T. Maull), *Journal of Economic Dynamics and Control*, 2015, 56, pp. 55-81. DOI link: https://doi.org/10.1016/j.jedc.2015.04.005

"What is the true cost of active management? A comparison of hedge funds and mutual funds," (co-authored with A. Petäjistö), *Journal of Alternative Investments*, 2014, 17, pp. 9-24. DOI link: https://doi.org/10.3905/jai.2014.17.2.009

"The Credits that Count: How Credit Growth and Financial Aid Affect College Tuition and Fees," (co-authored with K. Best), *Education Economics*, 2012, pp. 1-25. DOI link: https://doi.org/10.1080/09645292.2012.687102

"Risk Management in Electric Utilities," (co-authored with S.-E. Fleten and E. Näsäkkälä) in Handbook of Integrated Risk Management in Global Supply Chains (edited by O. Boyabatli, L. Dong, P. Kouvelis, and R. Li), John Wiley & Sons, 2012. DOI link: https://doi.org/10.1002/9781118115800.ch18

"Risk, Financing and the Optimal Number of Suppliers," (co-authored with V. Babich, G. Aydin, P-Y. Brunet, and R. Saigal) in Supply Chain Disruptions (edited by H. Gurnani, A. Mehrotra, and S. Ray), Springer-Verlag, 2010. DOI link: https://doi.org/10.1007/978-0-85729-778-5_8

"Unintended Consequences of the Market Risk Requirement in Banking Regulation," (co-authored with L. Kofman and X. Meng), *Journal of Economic Dynamics and Control*, 2010, 34, pp. 2192-2214. DOI link: https://doi.org/10.1016/j.jedc.2010.06.006

"Optimal Consumption and Portfolio Decisions with Partially Observed Real Prices," (co-authored with A. Bensoussan and S.P. Sethi), *Mathematical Finance*, 2009, 19, pp. 215-236. DOI link: https://doi.org/10.1111/j.1467-9965.2009.00362.x

"Hydropower with Financial Information," (co-authored with E. Näsäkkälä), *Applied Mathematical Finance*, 2008, 15, pp. 1 – 27. DOI link: https://doi.org/10.1080/13504860701852494

"Optimal Electoral Timing: Exercise Wisely and You May Live Longer," (co-authored with L. Smith and D. Davydov), *Review of Economic Studies*, 2008, 75, pp. 597-628. DOI link: https://doi.org/10.1111/j.1467-937X.2008.00493.x

"The demand for information: more heat than light," (co-authored with G. Moscarini and L. Smith), *Journal of Economic Theory*, 2008, 138, pp. 21-50. DOI link: https://doi.org/10.1016/j.jet.2007.03.003

"A Computational Scheme for the Optimal Strategy in an Incomplete Market," (co-authored with X. Meng and M. G. Sullivan), *Journal of Economic Dynamics and Control*, 2007, 31, pp. 3591-3613. DOI link: https://doi.org/10.1016/j.jedc.2006.12.006

"Optimal bank capital with costly recapitalization," (co-authored with S. Peura), *Journal of Business*, 2006, 79, pp. 2163-2201. DOI link: http://dx.doi.org/10.1086/503660

"Pricing of point-to-point bandwidth contracts," *Mathematical Methods of Operations Research*, 2005, 61, pp. 191-218. DOI link: https://doi.org/10.1007/s001860400401

"Electricity load pattern hedging with static forward strategies," (co-authored with E. Näsäkkälä), special issue on Energy Pricing and Risk Management, *Managerial Finance*, 2005, 6, pp. 115-136. DOI link: https://doi.org/10.1108/03074350510769721

"Pricing of Swing Options," *Journal of Derivatives*, 2004, 11, pp. 26-43. DOI link: https://doi.org/10.3905/jod.2004.391033

"Modeling Electricity Forward Curve Dynamics in the Nordic Market," (co-authored with N. Audet, P. Heiskanen, and I. Vehviläinen) in Modeling Prices in Competitive Electricity Markets (edited by D. W. Bunn), Wiley Series in Financial Economics, 2004. ISBN: 978-0-470-84860-9

"Timing of investments in oligopoly under uncertainty: A framework for numerical analysis," (co-authored with P. Murto and E. Näsäkkälä), *European Journal of Operational Research*, 2004, 157, pp. 486-500. DOI link: https://doi.org/10.1016/S0377-2217(03)00234-0

"Real Options and a Large Producer: the Case of Electricity Markets," (co-authored with H. Lu), *Energy Economics*, 2003, 25, pp. 459-472. DOI link: https://doi.org/10.1016/S0140-9883(03)00048-3

"Optimality with telecommunications network," *IMA Journal Management Mathematics*, 2003, 13, pp. 211-224. DOI link: https://doi.org/10.1093/imaman/13.3.211

"Managing electricity market price risk," (co-authored with I. Vehviläinen), *European Journal of Operational Research*, 2003, 145, pp. 136-147. DOI link: https://doi.org/10.1016/S0377-2217(01)00399-X

"Option pricing for large agents," (co-authored with M. Jonsson), *Applied Mathematical Finance*, 2002, 9, pp. 261-272. DOI link: https://doi.org/10.1080/1350486022000025471

"Optimality with hydropower system," *IEEE Transactions on Power Systems*, 2002, 3, pp. 583-589. DOI link: https://doi.org/10.1109/MPER.2002.4312286

"A Game Model of Irreversible Investment under Uncertainty," (co-authored with P. Murto), *International Game Theory Review*, 2002, 4, pp. 127-140. DOI link: https://doi.org/10.1142/S0219198902000604

"The impact of delivery lags on irreversible investment under uncertainty," (co-authored with L. Alvarez), *European Journal of Operational Research*, 2002, 136, pp. 173-180. DOI link: https://doi.org/10.1016/S0377-2217(01)00057-1

"Optimal portfolio hedging with nonlinear derivatives and transactions costs," (co-authored with S. Peura), *Computational Economics*, 1999, 13, pp. 117-145. DOI link: https://doi.org/10.1023/A:1008651416896

"Pricing of electricity tariffs in competitive markets," (co-authored with M. Räsänen), *Energy Economics*, 1999, 21, pp. 213-223. DOI link: https://doi.org/10.1016/S0140-9883(99)00005-5

"Calling for the true margin," *Applied Financial Economics*, 1997, 7, pp. 207-212. DOI link: https://doi.org/10.1080/096031097333781

SELECTED WORKING PAPERS (available at https://jussikeppo.com/)

"The Crowdfunding Effects on Venture Capital Investments," (with Ming Hu and Yannan Jin)

"Shepherding the Herd," (with Ville Satopää)

Herding in Probabilistic Forecasts (with Yanwei Jia and Ville Satopää)

"Misconduct in Organizations," (with Minglong Zhou and Esa Jokivuolle)

"Smart City Investments," (with Hong Ming Tan and Chao Zhou)

"Learning Manipulation Through Information Dissemination, (with Michael Jong Kim and Xinyuan Zhang)

"Bonus Caps, Deferrals and Bankers' Risk-Taking," (with Esa Jokivuolle and Xuchuan Yuan)

"Fickle Fingers: Ride-Hail Surge Factors and Taxi Bookings," (with Sumit Agarwal, Ben Charoenwong, and Shih-Fen Cheng)

"The Impact of Volcker Rule on Bank Profits and Default Probabilities," (with Sohhyun Chung and Xuchuan Yuan)

"Anticipated Income Shock and Labor Supply," (with Sumit Agarwal, Shih-Fen Cheng, and Kang Mo Koo)

OTHER PUBLICATIONS AND COMMENTS (available at https://jussikeppo.com/)

"How to change bankers' bonuses to curb excessive risk-taking," The Straits Times, 2017

"Why employment regulations sometimes have unintended effects on workers," Business Times, 2016

"Having a knack for market timing," Business Times, 2015

"The Volcker Rule's Unintended Consequences," SUERF - The European Money and Finance Forum, 2015

"Reducing risk-taking by regulating bonuses: EU vs US Dodd-Frank," (co-authored with E. Jokivuolle and X. Yuan), VoxEU, 2015

“Compliance with risk targets - will the Volcker Rule be effective?” (co-authored with J. Korte), VoxEU, 2014

“College Tuition: Explaining the Increases,” Seeking Alpha, 2009

“The Effects of Oil Speculation,” Seeking Alpha, 2008

“Pricing options,” (co-authored with J. Lassila), *Telecomscapacity*, 2001, 4, pp. 30-32.

JOURNAL SERVICE

Associate Editor, Management Science, 2018-present
Editorial Board Member, Journal of Risk, 2015-present
Associate Editor, Mathematics of Operations Research, 2009-2020
Editorial Board Member, Journal of Energy Markets, 2008-2015
Area Editor of Operations Research Letters, 2009-2013
Editorial Review Board, Production and Operations Management, 2003-2010
Associate Editor of Operations Research Letters, 2002-2005

CONFERENCE PRESENTATIONS AND INVITED TALKS

2020: MIT (Institute for Data, Systems, and Society), McDonough School of Business (Georgetown University), INFORMS Annual Meeting, Essec Business School

2019: Chinese University of Hong Kong (Shenzhen), HSBC Business School (Peking University, Shenzhen), INSEAD, INFORMS Revenue Management & Pricing, Fifth Marketplace Innovation Workshop (Stanford), University of Michigan, MSOM, INFORMS Applied Probability Society Conference, Workshop on Fintech and Machine Learning (Risk Management Institute, NUS), INFORMS Annual Meeting, AI and Data Privacy Risk Management (SGInnovate)

2018: MIT (Institute for Data, Systems, and Society), Aalto University, Tsinghua University, NUS Institute of Operations Research and Analytics, UBC Sauder School of Business, Bank of Finland, INFORMS Annual Meeting

2017: 5th NUS Workshop on Risk & Regulation, National University of Singapore (Department of Statistics and Department of Economics), Hong Kong University of Science and Technology, Fifth Asian Quantitative Finance Conference, 2017 Supply Chain Finance & Risk Management Workshop (Olin Business School, Washington University in St. Louis), 11th Annual Risk Management Conference (RMI, NUS), INFORMS Applied Probability Society Conference, INFORMS Healthcare Conference, Bank of Finland, ETH (Zurich), INFORMS Annual Meeting, Leeds School of Business (University of Colorado Boulder), DeGroote School of Business (McMaster University), Rotman School of Management (University of Toronto), UBC Sauder School of Business

2016: Hong Kong University of Science and Technology, AACSB Data Analytics Seminar, Aalto University, Bank of Finland, National Institute for Health and Welfare (Finland), Loughborough University, IFABS 2016 Barcelona Conference, University of Michigan (Computer Science), University of Michigan (IOE Department), University of Michigan (Department of Mathematics), Ross School of Business (University of Michigan), INFORMS Annual Meeting, Harvard Business School

2015: Paris - Southeast Asia Conference in Mathematical Finance, Hong Kong University of Science and Technology, Berlin-Princeton-Singapore Workshop on Quantitative Finance, SUERF/Bank of Finland Conference

2014: Second NUS Workshop on Risk and Regulation, Hong Kong University of Science and Technology, Aalto University, Bank of Finland, International Symposium on Financial Engineering and Risk Management, 8th Annual Risk Management Conference (RMI, NUS), POMS International Conference, National University of Singapore (Department of Economics), Financial Research Workshop (IIM Calcutta)

2013: Chinese University of Hong Kong, First Asian Quantitative Finance Conference, IMS-FPS Workshop (NUS), iFORM SIG 2013 Conference, 7th Annual Risk Management Conference (RMI, NUS), Asian Meeting of the Econometric Society

2012: Aalto University, Bank of Finland, NUS-Stanford Workshop on Risk and Regulation, INSEAD, University of Turku, National University of Singapore, INFORMS Annual Meeting

2011: Simon Fraser University - Beedie School of Business, University of British Columbia - Sauder School of Business, Norwegian University of Science and Technology, PURELEC Workshop (Oslo), Bank for International Settlements (BIS, Basel), Aalto University, Hong Kong University of Science and Technology, National University of Singapore

2010: McCombs School of Business (University of Texas at Austin), Sixth World Congress of the Bachelier Finance Society, INFORMS Annual Meeting

2009: iFORM SIG 2009 Conference, INFORMS Annual Meeting, University of Michigan (Mathematics Department)

2008: INFORMS Annual Meeting

2007: Energy Forum (London), INFORMS Annual Meeting, Commodities Finance Centre Conference (Birkbeck College, University of London), Norwegian University of Science and Technology, Trondheim Business School, Convergence between Finance and Industry Conference (University of Texas at Dallas), 4^{th} Mini-Conference on Integrated Risk Management in Operations and Global Supply Chains (Olin School of Business), 14^{th} INFORMS Applied Probability Society Conference

2006: Birkbeck College (University of London), NSF Risk Management in Operations and Global Supply Chain Management, Integrated Finance & Operation Management Workshop (University of Michigan), Workshop on Integrated Finance and Operations Management (Carnegie Mellon University), INFORMS Annual Meeting

2005: American Finance Association Meeting, University of California–Santa Cruz, Morningstar, North Carolina State University, NSF/NBER/CEME Decentralization Conference, Second Mini-conference on Integrated Risk Management in Operations and Global Supply Chain Management (Olin School of Business), Kaupthing Bank, 13th INFORMS Applied Probability Society Conference, INFORMS Annual Meeting, Duke University-The Fuqua School of Business

2004: New York University - Leonard N. Stern School of Business, Integrated Risk Management in Operations and Global Supply Chain Management, 12th INFORMS Applied Probability Society Conference, ChinaAMC Global Equity Select Fund (Shanghai), Bank of Communications (Shanghai), Third World Congress of the Bachelier Finance Society, Helsinki Finance Summer Seminar (Helsinki School of Economics), INFORMS Annual Meeting, 11th Annual CAP Workshop on Derivative Securities and Risk Management, Stockholm School of Economics

2003: Midwest Finance Association 52nd Annual Meeting, Finnish Operations Research Society Meeting, European Financial Management Association Annual Meeting, Georgia Institute of Technology, INFORMS Annual Meeting, DTE Energy Trading

2002: AMS Central Section Meeting (University of Michigan), Workshop on Stochastic Analysis and Finance (University of Jyväskylä), Conference on Stochastic Networks (Stanford University, poster), 28th Conference on Stochastic Processes and Their Applications, 24th European Meeting of Statisticians, INFORMS Annual Meeting, Purdue University

2001: Helsinki University of Technology, INFORMS International Meeting, IBM Zurich Research Center, 11th INFORMS Applied Probability Society Conference, INFORMS Annual Meeting

2000: Columbia University, Princeton University, University of Michigan, Helsinki University of Technology

DOCTORAL STUDENTS

Shan Huang, graduated in 2018, *United Overseas Bank*
Katharina Ley, graduated in 2013, *RAND Corporation*
Jie Ning, graduated in 2013, Assistant Professor at *Weatherhead School of Management, Case Western Reserve University*
Tim Maull, graduated in 2012, *Ford Motor Company*
Aniket Gune, graduated in 2007, *Amazon*
Xu Meng, graduated in 2005, *Trumpet Trading*
Dohyun Pak, graduated in 2005, Associate Professor at Business School, *Gachon University*