



# RESEARCH DEGREE AND PROFESSIONAL DOCTORATE STUDENTS' RESEARCH OUTPUT (July 2012 – June 2013)

This report summarizes the research outputs of our research degree and professional doctorate students, and serves to recognize their hard work and perseverance. It also acts as a link between the University and the community, as it demonstrates the excellent research results that can benefit the development of the region.

Chow Yei Ching School of Graduate Studies  
February 2014

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## Summary of Research Output Produced by PhD Students in 2012-2013

Departments/Schools	Number of students who have produced publications	Category of Publications						Total No. of Publications
		Scholarly books, monographs and chapters	Journal publications	Conference papers	Creative and literary works, consulting reports and case studies	Patents, agreements, assignments and companies	All other outputs	
College of Business								
Department of Accountancy	1	-	-	-	-	-	1	1
Department of Economics and Finance	6	-	2	4	-	-	2	8
Department of Information Systems	38	-	12	51	-	-	6	69
Department of Management	6	-	-	2	-	-	4	6
Department of Management Sciences	12	-	8	3	-	-	3	14
Department of Marketing	4	-	-	2	-	-	3	5
College of Liberal Arts and Social Sciences								
Department of Applied Social Studies	16	3	19	16	-	-	5	43
Department of Asian and International Studies	11	1	4	8	-	-	5	18
Department of Chinese, Translation and Linguistics	28	2	9	24	-	-	9	44
Department of English	4	-	2	2	-	-	4	8
Department of Media and Communication	24	1	8	37	1	-	7	54
Department of Public Policy	15	2	6	18	-	-	6	32
College of Science and Engineering								
Department of Biology and Chemistry	99	-	105	109	-	-	23	237
Department of Civil and Architectural Engineering	58	-	84	23	1	-	16	124
Department of Computer Science	88	-	55	95	-	-	27	177
Department of Electronic Engineering	121	9	141	90	-	-	28	268
Department of Mathematics	24	-	14	2	-	-	13	29
Department of Mechanical and Biomedical Engineering	39	2	40	37	-	-	13	92
Department of Physics and Materials Science	88	-	261	28	-	-	19	308
Department of Systems Engineering and Engineering Management	32	6	26	22	2	-	12	68
School of Creative Media								
School of Creative Media	2	-	-	2	1	-	-	3
School of Energy and Environment								
School of Energy and Environment	13	-	16	8	-	-	2	26
School of Law								
School of Law	4	-	3	-	1	-	2	6
<b>Sub-total</b>	<b>733</b>	<b>26</b>	<b>815</b>	<b>583</b>	<b>6</b>	<b>-</b>	<b>210</b>	<b>1640</b>

## Summary of Research Output Produced by MPhil Students in 2012-2013

Departments/Schools	Number of students who have produced publications	Category of Publications						Total No. of Publications
		Scholarly books, monographs and chapters	Journal publications	Conference papers	Creative and literary works, consulting reports and case studies	Patents, agreements, assignments and companies	All other outputs	
College of Business								
Department of Accountancy	-	-	-	-	-	-	-	-
Department of Economics and Finance	-	-	-	-	-	-	-	-
Department of Information Systems	1	-	-	-	-	-	1	1
Department of Management	-	-	-	-	-	-	-	-
Department of Management Sciences	2	-	-	1	-	-	1	2
Department of Marketing	-	-	-	-	-	-	-	-
College of Liberal Arts and Social Sciences								
Department of Applied Social Studies	-	-	-	-	-	-	-	-
Department of Asian and International Studies	-	-	-	-	-	-	-	-
Department of Chinese, Translation and Linguistics	2	-	-	-	-	-	2	2
Department of English	-	-	-	-	-	-	-	-
Department of Media and Communication	-	-	-	-	-	-	-	-
Department of Public Policy	-	-	-	-	-	-	-	-
College of Science and Engineering								
Department of Biology and Chemistry	6	-	3	4	-	-	2	9
Department of Civil and Architectural Engineering	4	-	2	1	-	-	2	5
Department of Computer Science	2	-	1	1	-	-	-	2
Department of Electronic Engineering	7	-	9	6	-	-	2	17
Department of Mathematics	1	-	-	-	-	-	1	1
Department of Mechanical and Biomedical Engineering	2	-	1	-	-	-	1	2
Department of Physics and Materials Science	2	-	2	-	-	-	-	2
Department of Systems Engineering and Engineering Management	-	-	-	-	-	-	-	-
School of Creative Media								
School of Creative Media	-	-	-	-	-	-	-	-
School of Energy and Environment								
School of Energy and Environment	1	-	1	2	-	-	-	3
School of Law								
School of Law	-	-	-	-	-	-	-	-
<b>Sub-total</b>	<b>30</b>	<b>-</b>	<b>19</b>	<b>15</b>	<b>-</b>	<b>-</b>	<b>12</b>	<b>46</b>

## Summary of Research Output Produced by Professional Doctorate Students in 2012-2013

Departments/Schools	Number of students who have produced publications	Category of Publications						Total No. of Publications
		Scholarly books, monographs and chapters	Journal publications	Conference papers	Creative and literary works, consulting reports and case studies	Patents, agreements, assignments and companies	All other outputs	
College of Business								
Doctor of Business Administration	6	-	-	1	-	-	5	6
College of Science and Engineering								
Engineering Doctorate (Civil and Architectural Engineering)	4	-	-	-	-	-	4	4
Engineering Doctorate (Engineering Management)	9	-	-	-	-	-	9	9
School of Law								
Doctor of Juridical Science	6	-	-	3	-	-	5	8
Doctor of Juridical Science (Chinese Judges)	5	1	7	1	-	-	-	9
<b>Sub-total</b>	<b>30</b>	<b>1</b>	<b>7</b>	<b>5</b>	<b>-</b>	<b>-</b>	<b>23</b>	<b>36</b>

## Section A: Publications of PhD Students

### College of Business

#### DEPARTMENT OF ACCOUNTANCY

##### *All other outputs*

WANG Ke                      #WANG, K, ACCA Hong Kong Top Score Paper Winner of Paper P5 (December 2012), ACCA Hong Kong / ACCA, Hong Kong, PRC, 19 March 2013.

#### DEPARTMENT OF ECONOMICS AND FINANCE

##### *Journal publications*

JIANG Xin                    FANG, J Z M and #JIANG, X, "Effects of differences of opinions and short-sale constraints on the dual listed Chinese shares", *China Finance Review International*, 3(1), 2013, pp 61-89.

TANG Chi Ho                CHU, A C, LEUNG, C K Y and #TANG, C H, "Intellectual property rights, technical progress and the volatility of economic growth", *Journal of Macroeconomics*, 34(3), September 2012, pp 749-756, doi: 10.1016/j.jmacro.2012.04.002.

##### *Conference papers*

LI Tingting                 #LI, T, LAI, T and WANG, Y, "Income Inequality and Economic Growth in the Post-Reform China: The Factor Accumulation Channels", *The 2013 CES Annual Conference*, The Chinese Economists Society (CES), Chengdu, PRC, 8-10 June 2013.

PANG Yu                    #PANG, Y and LU, C H, "Pollution from China's Manufacturing: the Role of FDI", *The 7th Biennial Conference of Hong Kong Economic Association*, Hong Kong, PRC, 13-14 December 2012.

#PANG, Y and LU, C H, "Pollution from China's Manufacturing: the Role of Foreign Direct Investment", *2012 Joint Conference of the CEANA and the Taiwanese Economic Association*, Taiwan, 15 December 2012.

#PANG, Y and LU, C H, "Pollution from China's Manufacturing--the Role of Multinational Firms", *2012 Asia Pacific Trade Seminars*, Singapore Management University, Singapore, 2-3 July 2012.

##### *All other outputs*

LIN Jing                    #LIN, J, *Essays on Cross-listed Issues*, PhD Thesis, Department of Economics and Finance, City University of Hong Kong, Hong Kong, PRC, 7 May 2013.

ZHUANG Ziyin             #ZHUANG, Z, *Two Essays on Financing and Value of R&D: Evidence from Global Markets*, PhD Thesis, Department of Economics and Finance, City University of Hong Kong, Hong Kong, PRC, 12 September 2012.

#### DEPARTMENT OF INFORMATION SYSTEMS

##### *Journal publications*

HAO Jinxing                XU, Y, GUO, X, #HAO, J X, MA, J, LAU, R Y K and XU, W, "Combining social network and semantic concept analysis for personalized academic researcher recommendation", *Decision Support Systems*, 54(1), December 2012, pp 564-573, doi: 10.1016/j.dss.2012.08.003.

Section A: Publications of PhD Students

- HUA Zhimin HU, D, ZHAO, J L, #HUA, Z and WONG, C S M M, "NETWORK-BASED MODELING AND ANALYSIS OF SYSTEMIC RISK IN BANKING SYSTEMS", *MIS Quarterly*, 36(4), December 2012, pp 1269-1291.
- JIANG Hongbing #SILVA, T P, GUO, Z, MA, J, #JIANG, H and CHEN, H, "A Social Network-Empowered Research Analytics Framework for Project Selection", *Decision Support Systems*, 1(5), 9 January 2013, pp 1-33, doi: <http://dx.doi.org/10.1016/j.dss.2013.01.005>.
- JIANG Qiqi SUTANTO, J and #JIANG, Q, "Knowledge Seekers' and Contributors' Reactions to Recommendation Mechanisms in Knowledge Management Systems", *Information & Management*, 50(5), 2013, pp 258-263.
- #JIANG, Q, TAN, C H, PHANG, C W, SUTANTO, J and WEI, K K, "Understanding Chinese online users and their visits to websites: Application of Zipf's law", *International Journal of Information Management*, 33(5), October 2013, pp 752-763.
- LI Meng Xiang #LI, M X, TAN, C H, TEO, H H and WEI, K K, "Effects of Product Learning Aids on the Breadth and Depth of Recall", *Decision Support Systems*, 53(4), November 2012, pp 793-801, doi: [10.1016/j.dss.2012.05.016](http://dx.doi.org/10.1016/j.dss.2012.05.016).
- LI Mengxiang #LI, M X, HUANG, L, TAN, C H and WEI, K K, "Helpfulness of Online Product Reviews as Seen by Consumers: Source and Content Features", *International Journal of Electronic Commerce*, 17(4), Summer 2013, pp 101-136.
- LOU Jie #LOU, J, FANG, Y, LIM, K and PENG, J Z, "Contributing High Quantity and Quality Knowledge to Online Q&A Communities", *Journal of the American Society for Information Science and Technology*, 64(2), February 2013, pp 356-371.
- SILVA Thushari Priyangika #SILVA, T P, GUO, Z, MA, J, #JIANG, H and CHEN, H, "A Social Network-Empowered Research Analytics Framework for Project Selection", *Decision Support Systems*, 1(5), 9 January 2013, pp 1-33, doi: <http://dx.doi.org/10.1016/j.dss.2013.01.005>.
- WEI Jie #WEI, J, SEEDORF, S and LOWRY, P B, "Investigation of radio-frequency identification assimilation process in China: A stage-based model perspective", *Electronic Journal of Information Systems in Developing Countries*, 57(4), 31 May 2013, pp 1-17.
- YAN Ziyu GUO, X, SUN, Y, WANG, N, PENG, Z and #YAN, Z, "The dark side of elderly acceptance of preventive mobile health services in China", *Electronic Markets*, 23(1), March 2013, pp 49-61, doi: [10.1007/s12525-012-0112-4](http://dx.doi.org/10.1007/s12525-012-0112-4).
- ZHAO Jing SUN, S X Y and #ZHAO, J, "A decomposition-based approach for service composition with global QoS guarantees", *Information Sciences*, Vol 199, 15 September 2012, pp 138-153, doi: [10.1016/j.ins.2012.02.061](http://dx.doi.org/10.1016/j.ins.2012.02.061).

*Conference papers*

- BI Qingqing #BI, Q, "A netnography study of the Vancl Star community: How users' engagement in e-retailer sponsored virtual community influences their loyalty to e-retailer?", *2012 IS Resaerch Workshop*, Department of Information Systems, Hong Kong, Hong Kong, PRC, 4-6 July 2012.
- #BI, Q and VOGEL, D, "Does your backyard nurture loyal customers?: The role of personal reciprocity in the relationship between satisfaction with an e-retailer sponsored virtual community and customer loyalty", *18th Americas Conference on Information Systems*, The Association for Information Systems (AIS), Seattle, USA, 9-12 August 2012.

Section A: Publications of PhD Students

- #BI, Q and VOGEL, D, "Influences of e-retailer sponsored virtual community on consumer loyalty: A multiple methods approach", *2013 Pacific Asia Conference on Information Systems (PACIS)*, Association for Information Systems (AIS), Jeju Island, South Korea, 18-22 June 2013, pp 1-29.
- #BI, Q and #KANG, L, "Influences of e-retailer sponsored virtual community on consumer loyalty: an exploration of underlying mechanisms", *2013 Pacific Asia Conference on Information Systems (PACIS)*, Association for Information Systems (AIS), Jeju Island, South Korea, 18-22 June 2013, pp 1-8.
- JIANG Hongbing #SUN, J, MA, J, #LIU, X, LIU, Z, WANG, G, #JIANG, H and #SILVA, T P, "A Novel Approach for Personalized Article Recommendation in Online Scientific Communities", *Proceedings of the 46th Annual Hawaii International Conference on System Sciences, HICSS*, USA, 7-10 January 2013.
- #SILVA, T P, MA, J, YANG, C, #JIANG, H and SUN, J S, "Process Oriented Research Analytics Framework for R&D Project Selection", *SIGBPS Workshop on Business Processes and Services*, AIS, Orlando, USA, 15-19 December 2012, pp 82-89.
- JIANG Qiqi #JIANG, Q, TAN, C H and WEI, K K, "Cross-website Navigation Behavior and Purchase Commitment: A Pluralistic Field Research", *The 16th Pacific Asia Conference on Information Systems*, Vietnam, 13-15 July 2012.
- #JIANG, Q, TAN, C H, CHI, J Y, PHANG, C W and WEI, K K, "Offline and Online Channels for Customer Relationship Management: An Investigation in the Inter-Organizational Context", *17th Pacific Asia Conference on Information Systems*, South Korea, 20-22 June 2013.
- KANG Lele #BI, Q and #KANG, L, "Influences of e-retailer sponsored virtual community on consumer loyalty: an exploration of underlying mechanisms", *2013 Pacific Asia Conference on Information Systems (PACIS)*, Association for Information Systems (AIS), Jeju Island, South Korea, 18-22 June 2013, pp 1-8.
- #KANG, L, "Understanding the Effects of the Live-Chat Medium in Alleviating Online Consumers' Purchase Uncertainty", *Information Systems Research Summer Workshop*, Department of Information Systems, Hong Kong, Hong Kong, PRC, 4-6 July 2012.
- KONG Siu Lung, Joseph #KONG, S L J and KWOK, C W R, "Knowledge Conversion in Massive Peers: a Preliminary Study on Mutualistic Co-Presence", *Proceedings of Pacific Asia Conference on Information Systems*, South Korea, 18-22 June 2013.
- #KONG, S L J and KWOK, C W R, "MMOG Game-Based Knowledge Conversion: An Ecological View of Mutualistic Co-Presence", *Proceedings of Pacific Asia Conference on Information Systems*, Vietnam, 13-15 July 2012.
- LI Huifang #LI, H, FANG, Y, WANG, Y, LIM, K and LIANG, L, "Platform-Based Online Services, Competitive Actions, and E-Marketplace Seller Performance", *Proceedings of the Sixteenth Pacific Asia Conference on Information Systems (PACIS2012)*, Vietnam, 7-10 July 2012.
- LIU Libo #ZHENG, X, #XIANG, L, #LIU, L and #ZHANG, H, "Enhancing Consumer Engagement in Online Shopping Platforms through Economic Incentives", *Proceedings of the 18th Americas Conference on Information Systems*, USA, 9-11 August 2012.
- #YANG, X, #LIU, L and DAVISON, R M, "Reputation Management in Social Commerce Communities", *18th Americas Conference on Information Systems*, AIS, USA, 9-12 August 2012.

Section A: Publications of PhD Students

- LIU Xiaoyan                   #SUN, J, MA, J, #LIU, X, LIU, Z, WANG, G, #JIANG, H and #SILVA, T P, "A Novel Approach for Personalized Article Recommendation in Online Scientific Communities", *Proceedings of the 46th Annual Hawaii International Conference on System Sciences, HICSS, USA*, 7-10 January 2013.
- LOU Jie                        #LOU, J, FANG, Y, LIM, K and PENG, Z, "Knowledge Contribution in Online Question and Answering Communities: Effects of Groups Membership", *Proceedings of the International Conference on Information Systems (ICIS 2012)*, USA, 9-12 December 2012.
- MARK Kai Pan                #MARK, K P, HODGSON, P and VRIJMOED, L L P, "A social networking analysis approach for early prediction of assessment results", *The 8th eLearning Forum Asia 2013 (eLFA Asia 2013)*, Hong Kong Baptist University, Hong Kong, Hong Kong, PRC, 29-31 May 2013.
- HODGSON, P, VRIJMOED, L L P, #MARK, K P and WONG, C S K, "Building capacity to discover and creating knowledge-building community through technology", *The 8th eLearning Forum Asia 2013 (eLFA Asia 2013)*, Hong Kong Baptist University, Hong Kong, PRC, 29-31 May 2013.
- #MARK, K P, VRIJMOED, L L P and HODGSON, P, "Predicting students' examination performance with discovery-embedded assessment using a prototype diagnostic tool", *CSEdu 2013 – 5th International Conference on Computer Supported Education*, RWTH Aachen University, Aachen, Germany, 6-8 May 2013, p 361–368.
- LEUNG, H, LEE, H, #MARK, K P and LUI, K M, "Unlocking the secret of 3D content for education: Case study of automultiscopic display used for school teaching in Hong Kong", *1st IEEE International Conference on Teaching, Assessment, and Learning for Engineering, TALE 2012*, Hong Kong, Hong Kong, PRC, 20-23 August 2012, pp W1C13-W1C15.
- MIRKOVSKI Kristijan        #MIRKOVSKI, K, DAVISON, R M and SCHNEIDER, C, "Emergence and Development of Inter-Organizational Relationships in International Supply Chains: The Macedonian Winery Case", *18th Americas Conference on Information Systems*, AIS, Seattle, USA, 9-11 August 2012.
- #MIRKOVSKI, K and DAVISON, R M, "The Emergence and Development of Inter-Organizational Relationships in the Wine Industry: Moderating Roles of Trust and Distrust in ICT Use", *17th Pacific Asia Conference on Information Systems*, PACIS, Soegwipo, South Korea, 19-22 June 2013.
- REN Sijie                     WANG, J, #REN, J, WANG, W, LI, X, LI, Q and LIAO, S S, "When Multivariate Forecasting Meets Unsupervised Feature Learning - Towards a Novel Anomaly Detection Framework for Decision Support", *International Conference on Information Systems*, USA, 12-19 December 2012.
- SILVA Thushari  
Priyangika                    #SUN, J, MA, J, #LIU, X, LIU, Z, WANG, G, #JIANG, H and #SILVA, T P, "A Novel Approach for Personalized Article Recommendation in Online Scientific Communities", *Proceedings of the 46th Annual Hawaii International Conference on System Sciences, HICSS, USA*, 7-10 January 2013.
- #SILVA, T P, MA, J, YANG, C, #JIANG, H and SUN, J S, "Process Oriented Research Analytics Framework for R&D Project Selection", *SIGBPS Workshop on Business Processes and Services*, AIS, Orlando, USA, 15-19 December 2012, pp 82-89.
- SONG Long                    #SONG, L, #ZHANG, W, LAU, R Y K, LIAO, S S and KWOK, C W R, "A Critical Analysis of the State-of-the-Art on Automated Detection of Deceptive Behavior in Social Media", *Proceedings of the 2012 Pacific Asia Conference on Information Systems*, paper 91, Hochiminh City, Vietnam, 13-15 July 2012.

Section A: Publications of PhD Students

- #SONG, L, LAU, R Y K and XIA, Y -, "A novel fraudulent transaction detection model for enhanced reputation management at e-markets", *2012 International Conference on Machine Learning and Cybernetics, ICMLC 2012*, Xian, Shaanxi, PRC, 15-17 July 2012, pp 2013-2018.
- SUN Jianshan #SUN, J, MA, J, #LIU, X, LIU, Z, WANG, G, #JIANG, H and #SILVA, T P, "A Novel Approach for Personalized Article Recommendation in Online Scientific Communities", *Proceedings of the 46th Annual Hawaii International Conference on System Sciences, HICSS*, USA, 7-10 January 2013.
- VON BRIEL Frederik, Thorsten #VON BRIEL, F T and SCHNEIDER, C, "A Taxonomy of Web-Based Inbound Open Innovation Initiatives", *18th Americas Conference on Information Systems, AIS*, Seattle, USA, 9-11 August 2012.
- SCHNEIDER, C and #VON BRIEL, F T, "Crowdsourcing Large-Scale Ecological Monitoring: Identifying Design Principles to Motivate Contributors", *Information Systems Development*, Prato, Italy, 29-30 August 2012.
- WANG Chuang #WANG, C, JIN, X, LEE, M K O, FANG, Y, ZHOU, Z and HUA, Z, "Understanding status update in microblog: A perspective on media needs", *Pacific Asia Conference on Information Systems*, South Korea, 18-22 June 2013.
- WANG Mengyue LI, X and #WANG, M, "A Multitheoretical Framework for Social Network-based Recommendation", *International Conference on Information Systems (ICIS 2012)*, USA, 16-19 December 2012.
- WANG Nan #YANG, J, HUANG, L, SHI, Y, #WANG, N, SIA, C L and TAN, C H, "Understanding Factors Influencing an SME to Continue Adopting the B2B Marketplace to Maintain its Presence", *18th Americas Conference on Information Systems*, USA, 9-11 August 2012.
- WEI Shaobo #WEI, S, LIU, H, KE, W, WEI, K K and HUA, Z, "THE INTERACTION EFFECTS BETWEEN SUPPLY CHAIN INTEGRATION AND IT CAPABILITIES ON FIRM PERFORMANCE", *Pacific Asia Conference on Information Systems (PACIS) 2013*, Jeju Island, South Korea, 18-22 June 2013, (Paper 230).
- XIANG Li #ZHENG, X, #XIANG, L, #LIU, L and #ZHANG, H, "Enhancing Consumer Engagement in Online Shopping Platforms through Economic Incentives", *Proceedings of the 18th Americas Conference on Information Systems*, USA, 9-11 August 2012.
- YAN Ziyu #YAN, Z, GUO, X and VOGEL, D, "Understanding Dynamic Collaboration in Teleconsultation", *18th Americas Conference on Information Systems*, USA, 9-12 August 2012.
- YANG Jinbi #YANG, J, HUANG, L, SHI, Y, #WANG, N, SIA, C L and TAN, C H, "Understanding Factors Influencing an SME to Continue Adopting the B2B Marketplace to Maintain its Presence", *18th Americas Conference on Information Systems*, USA, 9-11 August 2012.
- YANG Xuan #YANG, X, HU, D and DAVISON, R M, "How Microblogging Networks Affect Project Success of Open Source Software Development", *Hawaii International Conference on System Sciences*, USA, 7-10 January 2013.
- #YANG, X, #LIU, L and DAVISON, R M, "Reputation Management in Social Commerce Communities", *18th Americas Conference on Information Systems, AIS*, USA, 9-12 August 2012.
- ZHANG Hong #ZHENG, X, #XIANG, L, #LIU, L and #ZHANG, H, "Enhancing Consumer Engagement in Online Shopping Platforms through Economic Incentives", *Proceedings of the 18th Americas Conference on Information Systems*, USA, 9-11 August 2012.

## Section A: Publications of PhD Students

- ZHANG Wenping      #SONG, L, #ZHANG, W, LAU, R Y K, LIAO, S S and KWOK, C W R, "A Critical Analysis of the State-of-the-Art on Automated Detection of Deceptive Behavior in Social Media", *Proceedings of the 2012 Pacific Asia Conference on Information Systems*, paper 91, Hochiminh City, Vietnam, 13-15 July 2012.
- #ZHANG, W, LAU, R Y K, LIAO, S S and KWOK, C W R, "A Probabilistic Generative Model for Latent Business Networks Mining", *Proceedings of the International Conference on Information Systems (ICIS)*, USA, 16-19 December 2012.
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## DEPARTMENT OF ASIAN AND INTERNATIONAL STUDIES

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## College of Science and Engineering

### DEPARTMENT OF BIOLOGY AND CHEMISTRY

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## DEPARTMENT OF ELECTRONIC ENGINEERING

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## DEPARTMENT OF MECHANICAL AND BIOMEDICAL ENGINEERING

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- FU Zhongxue #FU, Z, *Investigation of Boundary Effect on Elastohydrodynamic Lubrication*, PhD Thesis, Department of Mechanical and Biomedical Engineering, City University of Hong Kong, Hong Kong, PRC, 7 December 2012.
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## DEPARTMENT OF SYSTEMS ENGINEERING AND ENGINEERING MANAGEMENT

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CHEUNG Ho Nam,  
Hoffman

#CHEUNG, H N H and ZHOU, W, "Characteristic Blocking Events over Ural –Siberia in Boreal Winter under Present and Future Climate Conditions", *AOGS-AGU (WPGM) Joint Assembly*, Singapore, 13-17 August 2012.

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KWOK Lee Kan

#KWOK, L K, TAM, C Y F and LAM, Y F N, "Forecasting daily air quality in Hong Kong by using hybrid statistical approaches", *The 12th International Conference on Atmospheric Sciences and Applications to Air Quality*, South Korea, 3-5 June 2013.

LEE Wai Ki

#LEE, W K, TAM, C Y F, LEE, D Y and AHN, J B, "Forecasting ENSO and ENSO Modoki and their impacts on the tropical/East Asian circulation during their decaying phases", *AOGS Annual Meeting*, Australia, 24-28 June 2013.

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*All other outputs*

TANG Chi Kit

#TANG, C K, Best Student Poster Award, Asia Oceania Geosciences Society, Singapore, 27 June 2013.

ZHANG Zhenxi

#ZHANG, Z, *The Investigation of the Impact of Aerosol on Air Quality in Hong Kong Using the GOCART Model*, PhD Thesis, School of Energy and Environment, City University of Hong Kong, Hong Kong, PRC, 8 November 2012.

## School of Law

### SCHOOL OF LAW

#### *Journal publications*

HE Xiaoli                      WANG, G and #HE, X, "Mediation and International Investment: A Chinese Perspective", *Maine Law Review*, 65(1), Winter 2012, pp 215-236.

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#### *Creative and literary works, consulting reports and case studies*

HE Xiaoli                      #HE, X and ZHAO, S, "斯洛伐克的司法机构和法官的权利 (The Judiciary and Power of Judges in Slovakia)", China Law Press, PRC, August 2012.

#### *All other outputs*

DONG Hao                    #DONG, H, *China's Copyright Reform for the Digitized World: Lessons and the Prospects*, PhD Thesis, School of Law, City University of Hong Kong, Hong Kong, PRC, 15 August 2012.

YUAN Yanguo                #YUAN, Y, *Civil Liability for Misrepresentation in the Securities Market: A Comparative Study of China, Taiwan and U.S.*, PhD Thesis, School of Law, City University of Hong Kong, Hong Kong, PRC, 4 June 2013.

## Section B: Publications of MPhil Students

### College of Business

#### DEPARTMENT OF INFORMATION SYSTEMS

##### *All other outputs*

XU Wanying                    #XU, W, *Understanding the Sustainability of Micro-blogging Sites: An Investigation of Users' Quality Perceptions and Continuance Intentions*, MPhil Thesis, Department of Information Systems, City University of Hong Kong, Hong Kong, PRC, 17 September 2012.

#### DEPARTMENT OF MANAGEMENT SCIENCES

##### *Conference papers*

LIU Fangtao                    TSO, G K F, #LIU, F and LIU, K, "The influence factor analysis of comprehensive energy consumption in manufacturing enterprises", *The 7th International Workshop on Computational Methods in Energy Economics*, Information Technology and Quantitative Management (ITQM 2013), Souzhou, PRC, 16-18 May 2013, pp 752-758.

##### *All other outputs*

LI Xiaobo                      #LI, X, *Convex Bounds for Dependent Risks with Applications to Robust Optimization*, MPhil Thesis, Department of Management Sciences, City University of Hong Kong, Hong Kong, PRC, 17 September 2012.

### College of Liberal Arts and Social Sciences

#### DEPARTMENT OF CHINESE, TRANSLATION AND LINGUISTICS

##### *All other outputs*

YU Hoi Yan                    #YU, H Y, *Production and Perception of the Cantonese Tones*, MPhil Thesis, Department of Chinese, Translation and Linguistics, City University of Hong Kong, Hong Kong, PRC, 29 May 2013.

YUEN Yin Shan                #YUEN, Y S, *Doing Disagreement in the Decision-Making Process of Formal Meetings : A Conversation-analytic Study of Interactions between Colleagues in a Medical Laboratory*, MPhil Thesis, Department of Chinese, Translation and Linguistics, City University of Hong Kong, Hong Kong, PRC, 17 September 2012.

### College of Science and Engineering

#### DEPARTMENT OF BIOLOGY AND CHEMISTRY

##### *Journal publications*

JIN Ling                        #LEUNG, H W, #JIN, L, #WEI, S, #TSUI, M P M, ZHOU, B, JIAO, L, CHEUNG, P C, CHUN, Y K, MURPHY, M and LAM, K S P, "Pharmaceuticals in Tap Water: Human Health Risk Assessment and Proposed Monitoring Framework in China", *Environmental Health Perspectives*, 121(7), 2013, pp 839-846.

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LIANG Yimin #LIANG, Y, *Bridging the Gap between Proteomics and Microscopy: Combining Subcellular Fractionation, Quantitative Proteomics and Confocal Imaging in Cell Biology*, MPhil Thesis, Department of Biology and Chemistry, City University of Hong Kong, Hong Kong, PRC, 6 March 2013.

## DEPARTMENT OF CIVIL AND ARCHITECTURAL ENGINEERING

### *Journal publications*

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POON Tin Yan                   #POON, T Y, *Real-time Integrated Computer Interface and GMR Current Sensor of Extended Linear Range for Power Quality Measurement in Building Microgrid*, MPhil Thesis, Department of Civil and Architectural Engineering, City University of Hong Kong, Hong Kong, PRC, 21 June 2013.

## **DEPARTMENT OF COMPUTER SCIENCE**

### *Journal publications*

YU Lijuan                       LI, Q, #CHEN, W and #YU, L, "Distributed cooking recipe recommendation and adaptation", *Journal of Software*, 8(3), March 2013, pp 528-537, doi: 10.4304/jsw.8.3.528-537.

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XU Wenjian                   #XU, W, CHOW, C Y, YIU, M L, LI, Q and POON, C K, "MobiFeed: A location-aware news feed system for mobile users", *20th ACM SIGSPATIAL International Conference on Advances in Geographic Information Systems, ACM SIGSPATIAL GIS 2012*, Redondo Beach, CA, USA, 6-9 November 2012, pp 538-541.

## **DEPARTMENT OF ELECTRONIC ENGINEERING**

### *Journal publications*

FU Qikai                       #LEUNG, H Y, CHENG, L M, #LIU, F and #FU, Q, "Adaptive reversible data hiding based on block median preservation and modification of prediction errors", *Journal of Systems and Software*, 36(3), 2013, pp 2204-2219, doi: 10.1016/j.jss.2013.04.020.

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LI Bo      #LI, B, LIAO, S and XUE, Q, "Omnidirectional circularly polarized antenna combining monopole and loop radiators", *IEEE Antennas and Wireless Propagation Letters*, Vol 12, April 2013, pp 607-610, doi: 10.1109/LAWP.2013.2255578.

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#MAK, K M, LAI, H W and LUK, K M, "Wideband dual polarized antenna fed by L- and M-probe", *2012 Asia-Pacific Microwave Conference, APMC 2012*, Kaohsiung, Taiwan, 4-7 December 2012, pp 1058-1060.

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**DEPARTMENT OF MATHEMATICS**

*All other outputs*

WONG Man #WONG, M, *Numerical Solution of Partial Differential Eigenvalue Problems with the Tau Method*, MPhil Thesis, Department of Mathematics, City University of Hong Kong, Hong Kong, PRC, 26 October 2012.

**DEPARTMENT OF MECHANICAL AND BIOMEDICAL ENGINEERING**

*Journal publications*

CHENG Wai Lun #CHENG, W L, ZHOU, Z F, SHUM, P W and LI, K Y L, "Effect of Ni addition on the structure and properties of Cr–Ni–N coatings deposited by closed-field unbalanced magnetron sputtering ion plating", *Surface & Coatings Technology*, Vol 229, 4 January 2013, pp 84-89.

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**DEPARTMENT OF PHYSICS AND MATERIALS SCIENCE**

*Journal publications*

CHAU Ka Shing LU, X Q, DENG, Z G, #CHAU, K S, LI, L F, WEN, Z Q, GUO, W Y and WU, C M L, "Mechanistic Insight into Catalytic Oxidation of Ammonia on Clean, O- and OH-Assisted Ir(111) Surfaces", *ChemCatChem*, 5(7), 25 February 2013, pp 1832-1841.

CHEUNG Lai Yin, Andy #CHOI, W Y, #CHEUNG, L Y A, CHENG, S H and YU, K N, "Hormetic Effect Induced by Alpha-Particle-Induced Stress Communicated In Vivo between Zebrafish Embryos", *Environmental Science & Technology*, 46(21), 6 November 2012, pp 11678-11683, doi: 10.1021/es301838s.

**School of Energy and Environment**

**SCHOOL OF ENERGY AND ENVIRONMENT**

*Journal publications*

TUNG Ying Lut #TUNG, Y L, TAM, C Y F, SOHN, S J and CHU, J L, "Improving the seasonal forecast for summertime South China rainfall using statistical downscaling", *Journal of Geophysical Research-Atmospheres*, Vol 118, 6 June 2013, pp 5147-5159, doi: 10.1002/jgrd.50367, 2013.

*Conference papers*

TUNG Ying Lut

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## Section C: Publications of Professional Doctorate Students

### College of Business

#### DOCTOR OF BUSINESS ADMINISTRATION

##### *Conference papers*

CHOI Chiu Fai Stanley     #CHOI, C F S, DONG, G and LAI, K K, “Generating Profit Using Option Selling Strategies”, Proceedings of *the 5th International Conference on Business Intelligence and Financial Engineering*, Lanzhou, China, IEEE Computer Society, August 2012, p177-180.

##### *All other outputs*

ALSLEBEN Markus     #ALSLEBEN, M, *Creating Global Dynamic Capabilities: R&D Network Management for Globally Distributed Research and Development in the Software Industry*, DBA Thesis, College of Business, City University of Hong Kong, Hong Kong, PRC, July 2012.

CHU Yuk Fung Fenella     #CHU, Y F F, *Global Supplier Selection in U.S. Dollars Stores: A Learning and Adaptive Decision Support System Approach*, DBA Thesis, College of Business, City University of Hong Kong, Hong Kong, PRC, August 2012.

KAN Chung Kan Clara     #KAN, C K C, *How a Hybrid Technologies Innovation Strategy Can Rejuvenate Fixed-line Telecommunications: A Punctuated Equilibrium Explanation*, DBA Thesis, College of Business, City University of Hong Kong, Hong Kong, PRC, August 2012.

LEE Yee Kai Charles     #LEE, Y K C, *Improving Communication between Multinational Fast Moving Consumer Goods Manufacturers and Chinese Wholesalers*, DBA Thesis, College of Business, City University of Hong Kong, Hong Kong, PRC, January 2013.

WAN Yuk Wing Albert     #WAN, Y W A, *Successful Implementation of Electronic Finance: A Case Study of Supply Chain in China and Hong Kong*, DBA Thesis, College of Business, City University of Hong Kong, Hong Kong, PRC, September 2012

### College of Science and Engineering

#### ENGINEERING DOCTORATE (CIVIL AND ARCHITECTURAL ENGINEERING)

##### *All other outputs*

CHAN Hon Chuen     #CHAN, H C, *A Study of Registered Inspectors and Aged Private Buildings in Hong Kong under the Mandatory Building Inspection Scheme*, EngD Thesis, Department of Civil and Architectural Engineering, City University of Hong Kong, Hong Kong, PRC, June 2013.

LAI Chi Ming Nicholas     #LAI, C M N, *Becoming an Architect in Hong Kong: An Inquiry into the Work-based Learning Process Transforming Architectural Graduates into Professionals*, EngD Thesis, Department of Civil and Architectural Engineering, City University of Hong Kong, Hong Kong, PRC, January 2013.

## Section C: Publications of Professional Doctorate Students

LEU Ching Yin      *#LEU, C Y, A Critical Analysis on the Effectiveness of Energy Performance Assessment for Green Building Labelling Scheme in Hong Kong*, EngD Thesis, Department of Civil and Architectural Engineering, City University of Hong Kong, Hong Kong, PRC, September 2012.

YEUNG Cho Hung      *#YEUNG, C H, A Study on the Fire Safety Management of Public Rental Housing in Hong Kong*, EngD Thesis, Department of Civil and Architectural Engineering, City University of Hong Kong, Hong Kong, PRC, September 2012.

### **ENGINEERING DOCTORATE (ENGINEERING MANAGEMENT)**

#### *All other outputs*

CHO Yik Kit Geoffrey      *#CHO, Y K G, Pilot Study on Measuring Narrative Skills Using Multidimensional Recording Framework and Quantifiable Analysis Method*, EngD Thesis, Department of Systems Engineering & Engineering Management, City University of Hong Kong, Hong Kong, PRC, July 2012.

HA Wai Leung      *#HA, W L, Improving Embedded Software Development Performance through Modular Reuse*, EngD Thesis, Department of Systems Engineering & Engineering Management, City University of Hong Kong, Hong Kong, PRC, May 2013.

HO Ka Nam      *#HO, K N, A New Product Concept Formulation Framework for the Hong Kong/Pearl River Delta Consumable Electronics and Electrical Products Industry*, EngD Thesis, Department of Systems Engineering & Engineering Management, City University of Hong Kong, Hong Kong, PRC, August 2012.

KUN Chok Yee Gaby      *#KUN, C Y G, Developing and Implementing an Energy Conservation Model for Facilities Management Industry in Hong Kong*, EngD Thesis, Department of Systems Engineering & Engineering Management, City University of Hong Kong, Hong Kong, PRC, September 2012.

LAI Gor Amie      *#LAI, G A, An EHS Implementation Model for Non-Manufacturing Operations in China*, EngD Thesis, Department of Systems Engineering & Engineering Management, City University of Hong Kong, Hong Kong, PRC, November 2012.

LEUNG Wing Hung      *#LEUNG, W H, Emissions Trading in the Energy Sector between Hong Kong and Pearl River Delta Region a systems approach to trade decisions in Hong Kong's electricity industry*, EngD Thesis, Department of Systems Engineering & Engineering Management, City University of Hong Kong, Hong Kong, PRC, January 2013.

LOW Tsz Kin      *#LOW, T K, An Investigation of Using Navigation Aids for Web Searching and Their Disorientation*, EngD Thesis, Department of Systems Engineering & Engineering Management, City University of Hong Kong, Hong Kong, PRC, September 2012.

MAK Mount Tsun Dominic      *#MAK, M T D, Conventional Injection Moulding and Gas-assisted Injection Moulding of Rice Husk-filled High Density Polyethylene and Polypropylene Eco-composites*, EngD Thesis, Department of Systems Engineering & Engineering Management, City University of Hong Kong, Hong Kong, PRC, January 2013.

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## School of Law

### DOCTOR OF JURIDICAL SCIENCE

#### *Conference papers*

- WEI Shuai                    #WEI, S., A Wave of Retreat on the Right to Education? Assessing Migrant Students' Education Litigations in China, *Conference on Rethinking State-Society Relations in Contemporary China*, Department of Politics and International Relations, University of Oxford, UK, 10–11 May 2013.
- #WEI, S., Does Taiwan Securities and Futures Investors Protection Center Step Out of the Taiwan Court? *2013 Annual Congress of China Institute of Securities Law*, China Institute of Securities Law & Peking University Law School, PRC, 21-22 April 2013.
- #WEI, S., Specialized Courts in China—Are We Doomed to Repeat History? *International Conference on the Rule of Law with Chinese Characteristics in Transition*, Institute of Law, Chinese Academy of Social Sciences, P.R.C. & Centre for Chinese and Comparative Law, School of Law, City University of Hong Kong, Hong Kong, PRC, 5-7 June 2013.

#### *All other outputs*

- LIAO Yazhong            #LIAO, Y., *A Study on the Legal System of Resolving Bank Insolvency in the United States and Its Implications to China*, JSD Thesis, School of Law, City University of Hong Kong, Hong Kong, PRC, January 2013.
- SABAPATHY Sandy        #SABAPATHY, S., *Tort Recovery of Pure Economic Loss for Defective Premises in the United Kingdom: A Critical Analysis*, JSD Thesis, School of Law, City University of Hong Kong, Hong Kong, PRC, October 2012.
- TONG Kar Wai             #TONG, K W., *Medico-legal Aspects of Telemedicine Practice with Special Reference to Cross-Border Telemedicine Practice between Hong Kong and Mainland China*, JSD Thesis, School of Law, City University of Hong Kong, Hong Kong, PRC, January 2013.
- YANG Songling            #YANG, S., *Jurisdictional Conflicts Between the WTO and RTAs*, JSD Thesis, School of Law, City University of Hong Kong, Hong Kong, PRC, March 2013.
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### DOCTOR OF JURIDICAL SCIENCE (CHINESE JUDGES)

#### *Scholarly books, monographs and chapters*

- ZOU Tingqian            #邹挺谦，《论继承纠纷的诉讼时效及其裁判衡量》，载于杨立新主编：《继承法的现代化》，人民法院出版社 2013 年 1 月第一版第 103-114 页。

#### *Journal publications*

- LI Lihong                 #李立宏，《我国民事审前程序的价值分析和重构》，发表于《云梦学刊》2013 年第 2 期。

## Section C: Publications of Professional Doctorate Students

LIU Qiong                   #LIU, Q, “It is not correct to Conduct Registration for Land Usage Rights Change Directly Based on License of Land Development”, *People’s Judicature (case)*, No.24, 2012, pp 45-46.

#LIU, Q, “On Familial Responsibility and Social Responsibility from the Perspective of Juvenile Delinquency”, *China Juvenile Judicial*, Vol.1, 2013.

TAN Xiaoqing             许娟娟、#谭筱清，《诉讼与非诉讼衔接机制下的仲裁与司法之间关系重构——以仲裁协议效力司法审查为视角》，载於《人民司法》2012年第7期，第104-107页。

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