



# RESEARCH DEGREE AND PROFESSIONAL DOCTORATE STUDENTS' RESEARCH OUTPUT (July 2010 – June 2011)

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  
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## Summary of Research Output Produced by PhD Students in 2010-2011

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	3	-	1	-	-	-	3	4
Department of Information Systems	39	1	26	48	-	-	13	88
Department of Management	5	-	4	6	-	-	2	12
Department of Management Sciences	25	2	7	20	-	-	5	34
Department of Marketing	7	-	3	5	-	-	-	8
College of Liberal Arts and Social Sciences								
Department of Applied Social Studies	11	1	6	5	-	-	3	15
Department of Asian and International Studies	6	-	3	6	-	-	1	10
Department of Chinese, Translation and Linguistics	23	8	8	18	1	-	14	49
Department of English	5	-	-	2	-	-	4	6
Department of Media and Communication	9	1	4	10	-	-	2	17
Department of Public and Social Administration	11	1	2	16	-	-	7	26
College of Science & Engineering								
Department of Biology and Chemistry	86	2	115	67	-	-	41	225
Department of Civil and Architectural Engineering	56	-	70	44	-	-	16	130
Department of Computer Science	62	-	45	81	-	-	19	145
Department of Electronic Engineering	93	3	85	83	-	-	25	196
Department of Mechanical and Biomedical Engineering Department of Systems Engineering and Engineering Management	40	2	32	51	-	-	13	98
Department of Mathematics	27	-	18	1	-	-	20	39
Department of Physics and Materials Science	59	5	149	40	-	1	19	214
School of Creative Media								
School of Creative Media	1	-	-	-	-	-	1	1
School of Energy and Environment								
School of Energy and Environment	5	-	3	3	-	-	-	6
School of Law								
School of Law	2	-	5	-	-	-	1	6
Sub-total	<b>575</b>	<b>26</b>	<b>586</b>	<b>506</b>	<b>1</b>	<b>1</b>	<b>209</b>	<b>1329</b>

## Summary of Research Output Produced by MPhil Students in 2010-2011

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	-	-	-	-	-	6	6
Department of Information Systems	3	-	-	-	-	-	3	3
Department of Management	1	-	-	-	-	-	1	1
Department of Management Sciences	5	-	3	1	-	-	2	6
Department of Marketing	1	-	-	-	-	-	1	1
College of Liberal Arts and Social Sciences								
Department of Applied Social Studies	1	-	-	-	-	-	1	1
Department of Asian and International Studies	-	-	-	-	-	-	-	-
Department of Chinese, Translation and Linguistics	2	-	-	-	-	-	2	2
Department of English	-	-	-	-	-	-	-	-
Department of Media and Communication	2	-	-	1	-	-	1	2
Department of Public and Social Administration	-	-	-	-	-	-	-	-
College of Science & Engineering								
Department of Biology and Chemistry	14	-	11	10	-	-	10	31
Department of Civil and Architectural Engineering	5	-	4	2	-	-	3	9
Department of Computer Science	14	-	1	13	-	-	11	25
Department of Electronic Engineering	20	2	11	11	-	-	17	41
Department of Mechanical and Biomedical Engineering Department of Systems Engineering and Engineering Management	6	1	3	1	-	-	2	7
Department of Mathematics	3	-	-	-	-	-	3	3
Department of Physics and Materials Science	5	-	2	1	-	-	2	5
School of Creative Media								
School of Creative Media	4	-	-	-	-	-	4	4
School of Energy and Environment								
School of Energy and Environment	2	-	-	3	-	-	1	4
School of Law								
School of Law	-	-	-	-	-	-	-	-
Sub-total	<b>95</b>	<b>3</b>	<b>35</b>	<b>43</b>	<b>-</b>	<b>-</b>	<b>71</b>	<b>152</b>

## Summary of Research Output Produced by Professional Doctorate Students in 2010-2011

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	10	-	2	3	-	-	7	12
College of Science & Engineering								
Engineering Doctorate (Civil and Architectural Engineering)	3	-	1	2	-	-	2	5
Engineering Doctorate (Engineering Management)	10	-	1	2	-	-	8	11
School of Law								
Doctor of Juridical Science	1	-	-	-	-	-	1	1
Sub-total	<b>24</b>	-	<b>4</b>	<b>7</b>	-	-	<b>18</b>	<b>29</b>

## Section A: Publications of PhD Students

### College of Business

#### DEPARTMENT OF ECONOMICS AND FINANCE

##### *Journal publications*

**LIN Mi** WU, M N and LIN, M, "Determinants of government size: Evidence from China", *Public Choice*, 8 December 2010, doi: 10.1007/s11127-010-9746-y.

##### *All other outputs*

**FENG Liling** FENG, L, *Essays on Risk-Related Issues*, PhD Thesis, Department of Economics and Finance, City University of Hong Kong, Hong Kong, PRC, 15 November 2010.

**LAI Te** LAI, T, *Essays on International and Intra-national Capital Mobility of China*, PhD Thesis, Department of Economics and Finance, City University of Hong Kong, Hong Kong, PRC, 7 June 2011.

**LIN Mi** LIN, M, *Essays on Foreign Direct Investment in China*, PhD Thesis, Department of Economics and Finance, City University of Hong Kong, Hong Kong, PRC, 27 July 2010.

#### DEPARTMENT OF INFORMATION SYSTEMS

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

**SHEN Xiaoliang** SHEN, A X, LEE, M K O and CHEUNG, C M K, "Harness the Wisdom of Crowds: The Importance of We-Intention in Social Computing Research", *Social Computing Theory And Practice: Interdisciplinary Approaches*, Panagiota Papadopoulou (University of Athens, Greece), Panagiotis Kanellis (University of Athens, Greece) and Drakoulis Martakos (University of Athens, Greece) (eds), IGI-Global, Athens, Greece, 15 October 2010, pp 19-35.

##### *Journal publications*

**CHEN Kun** CHEN, K, WANG, H Q and LAI, H Y J, "A general knowledge mediation infrastructure for multi-agent systems", *Expert Systems with Applications*, 38(1), January 2011, pp 495-503, doi: 10.1016/j.eswa.2010.06.091.

**JIANG Chungping** SUN, Y, LIM, K, JIANG, C, PENG, Z and CHEN, X, "Do males and females think in the same way? An empirical investigation on the gender differences in Web advertising evaluation", *Computers in Human Behavior*, Vol 26, July 2010, p 1614-1624, doi: 10.1016/j.chb.2010.06.009.

**JIANG Hongbing** WANG, G, HAO, J X, MA, J and JIANG, H, "A comparative assessment of ensemble learning for credit scoring", *Expert Systems with Applications*, 38(1), 2011, pp 223-230, doi: 10.1016/j.eswa.2010.06.048.

**KONG Siu Lung, Joseph** KWOK, C W R, CHENG, S H, IP, H S H and KONG, S L J, "Design of Affectively Evocative Smart Ambient Media for Learning", *Computers & Education*, 56(1), January 2011, pp 101-111.

**LAI Hok Yin, Jean** CHEN, K, WANG, H Q and LAI, H Y J, "A general knowledge mediation infrastructure for multi-agent systems", *Expert Systems with Applications*, 38(1), January 2011, pp 495-503, doi: 10.1016/j.eswa.2010.06.091.

**LIU Hefu** LIU, H, KE, W L, WEI, K K, GU, J B and CHEN, H P, "The role of institutional pressures and organizational culture in the firm's intention to adopt internet-enabled supply chain management systems", *Journal of Operations Management*, 28(5), September 2010, pp 372-384, doi: 10.1016/j.jom.2009.11.010.

**LIU Long** XU, K, WANG, W, REN, J, XU, J, LIU, L and LIAO, S, "Classifying Consumer Comparison Opinions to Uncover Product Strengths and Weaknesses", *International Journal of Intelligent Information Technologies*, 7(1), January-March 2011, pp 1-14.

Section A: Publications of PhD Students

- LIU Yuewen** LIU, Y, WEI, K K and CHEN, H, "A meta-analysis on the effects of online auction design options: The moderating effect of value uncertainty", *Electronic Commerce Research and Applications*, 9(6), NOV-DEC 2010, pp 507-521, doi: 10.1016/j.elerap.2010.03.003.
- MARK Kai Pan** MARK, K P, THADANI, D R, SANTANDREU, C D, PUN, C F K and CHIU, P H P, "From Neophyte to Experienced Facilitator: an Interactive Blended-Learning Course for Graduate Teaching Assistants in Hong Kong", *Knowledge Management & E-Learning: An International Journal (KM&EL)*, 3(2), 15 June 2011, pp 153-169.
- KWONG, T, NG, H M, MARK, K P and WONG, E, "Student's and faculty's perception of academic integrity in Hong Kong", *Campus-Wide Information Systems*, 27(5), Winter 2010, pp 341-355, doi: 10.1108/10650741011087766.
- PENG Zeyu** SUN, Y, LIM, K, JIANG, C, PENG, Z and CHEN, X, "Do males and females think in the same way? An empirical investigation on the gender differences in Web advertising evaluation", *Computers in Human Behavior*, Vol 26, July 2010, p 1614-1624, doi: 10.1016/j.chb.2010.06.009.
- REN Sijie** XU, K, WANG, W, REN, J, XU, J, LIU, L and LIAO, S, "Classifying Consumer Comparison Opinions to Uncover Product Strengths and Weaknesses", *International Journal of Intelligent Information Technologies*, 7(1), January-March 2011, pp 1-14.
- SHI Yani** SIA, C L, SHI, Y, YAN, J and CHEN, H, "Web personalization to build trust in E-commerce: A design science approach", *Proceedings of World Academy of Science, Engineering and Technology*, Vol 64, 2010, pp 325-329.
- SUN Yonghong** XU, Y, MA, J, SUN, Y H, HAO, G, WE, I X and ZHAO, D T, "A decision support approach for assigning reviewers to proposals", *Expert Systems with Applications*, 37(10), October 2010, pp 6948-6956.
- SUN Yongqiang** SUN, Y, LIM, K, JIANG, C, PENG, Z and CHEN, X, "Do males and females think in the same way? An empirical investigation on the gender differences in Web advertising evaluation", *Computers in Human Behavior*, Vol 26, July 2010, p 1614-1624, doi: 10.1016/j.chb.2010.06.009.
- THADANI Dimple Ramesh** MARK, K P, THADANI, D R, SANTANDREU, C D, PUN, C F K and CHIU, P H P, "From Neophyte to Experienced Facilitator: an Interactive Blended-Learning Course for Graduate Teaching Assistants in Hong Kong", *Knowledge Management & E-Learning: An International Journal (KM&EL)*, 3(2), 15 June 2011, pp 153-169.
- TIAN Wen** YU, Y A, TIAN, W S, VOGEL, D and KWOK, C W R, "Can learning be virtually boosted? An investigation of online social networking impacts", *Computers & Education*, 55(4), December 2010, pp 1494-1503, doi: 10.1016/j.compedu.2010.06.015.
- TIAN, W S, VOGEL, D, MA, J and GU, J, "IS-supported managerial control for China's research community: An agency theory perspective", *Journal of Global Information Management*, 18(4), 2010, pp 53-81, doi: 10.4018/jgim.2010100104.
- TIAN, W S, YU, Y A, VOGEL, D and KWOK, C W R, "The impact of online social networking on learning: A social integration perspective", *International Journal of Networking and Virtual Organisations (IJNVO)*, 8(3-4), 2011, pp 264-280, doi: 10.1504/IJNVO.2011.039999.
- GU, J, LIN, Y, VOGEL, D and TIAN, W S, "What are the major impact factors on research performance of young doctorate holders in science in China: a USTC survey", *Higher Education*, 5(2), 2010, pp 1-20, doi: 10.1007/s10734-010-9400-0.
- WANG Wei** XU, K, WANG, W, REN, J, XU, J, LIU, L and LIAO, S, "Classifying Consumer Comparison Opinions to Uncover Product Strengths and Weaknesses", *International Journal of Intelligent Information Technologies*, 7(1), January-March 2011, pp 1-14.
- XU Kaiquan** XU, K, WANG, W, REN, J, XU, J, LIU, L and LIAO, S, "Classifying Consumer Comparison Opinions to Uncover Product Strengths and Weaknesses", *International Journal of Intelligent Information Technologies*, 7(1), January-March 2011, pp 1-14.

XU, K, LIAO, S S, LI, J and SONG, Y, "Mining comparative opinions from customer reviews for Competitive Intelligence", *Decision Support Systems*, 50(4), March 2011, pp 743-754, doi: 10.1016/j.dss.2010.08.021.

**XU Yunhong** XU, Y, MA, J, SUN, Y H, HAO, G, WE, I X and ZHAO, D T, "A decision support approach for assigning reviewers to proposals", *Expert Systems with Applications*, 37(10), October 2010, pp 6948-6956.

**YAN Jiaqi** SIA, C L, SHI, Y, YAN, J and CHEN, H, "Web personalization to build trust in E-commerce: A design science approach", *Proceedings of World Academy of Science, Engineering and Technology*, Vol 64, 2010, pp 325-329.

**ZHOU Zhongyun** ZHOU, Z P, JIN, X, VOGEL, D, FANG, Y and CHEN, X, "Individual motivations and demographic differences in social virtual world uses: An exploratory investigation in Second Life", *International Journal of Information Management*, 31(3), June 2011, pp 261-271, doi: 10.1016/j.ijinfomgt.2010.07.007.

### *Conference papers*

**BI Qingqing** BI, Q, "M-government development in China: an empirical study of the 'Ten-Thousand Meter Unit Network' Project", *Cross Straits Information Management Conference*, Hong Kong, PRC, 5-6 August 2010.

VOGEL, D, CHEN, Z, BI, Q and YAN, Z, "m-Government in China: Observations and Reflections", *16th Americas Conference on Information Systems*, Lima, Peru, 12-15 August 2010.

**CHEN Kun** LI, X, CHEN, K, FUNG, T C Y, SUN, S X Y and WANG, H Q, "Commonsense Knowledge-aided News Analysis for Stock Market Surveillance", *Workshop on Information Technologies and Systems*, USA, 11-12 December 2010.

CHEN, K, YANG, Z, WANG, H Q and LIU, L, "Commonsense knowledge supported intelligent news analysis system for portfolio risk prediction", *HAWAII INTERNATIONAL CONFERENCE ON SYSTEM SCIENCES*, USA, 4-7 January 2011.

**CHEN Zhenjiao** VOGEL, D, CHEN, Z, BI, Q and YAN, Z, "m-Government in China: Observations and Reflections", *16th Americas Conference on Information Systems*, Lima, Peru, 12-15 August 2010.

**FUNG Chi Yeung, Terrance** LI, X, CHEN, K, FUNG, T C Y, SUN, S X Y and WANG, H Q, "Commonsense Knowledge-aided News Analysis for Stock Market Surveillance", *Workshop on Information Technologies and Systems*, USA, 11-12 December 2010.

**HUA Zhimin** HUA, Z, ZHAO, J L and STOREY, C V, "EXPLORING A DOMAIN ONTOLOGY BASED APPROACH TO BUSINESS PROCESS DESIGN", *Proceedings of International Conference of Information Systems (ICIS) 2010*, USA, 12-15 December 2010.

HU, D, ZHAO, J L and HUA, Z, "RANKING SYSTEMIC RISKS IN BANK NETWORKS", *Proceedings of International Conference of Information Systems(ICIS) 2010*, USA, 12 December 2010 - 15 January 2011.

**HUANG Qian** ZHONG, X, HUANG, Q, DAVISON, R M, YANG, X and CHEN, H, "Empowering Teams through Social Network Ties", *Organisational Learning and Knowledge and Capabilities Conference*, OLKC, Hull, United Kingdom, 12-14 April 2011.

HUANG, Q, ZHONG, X, DAVISON, R M and LIU, H, "Transactive Memory System Impact on Team Performance through Knowledge Quality and Perceived Knowledge Satisfaction", *Organisational Learning and Knowledge and Capabilities Conference*, OLKC, Hull, United Kingdom, 12-14 April 2011.

**KONG Siu Lung, Joseph** KONG, S L J, "Affective Experiences and Collaborative Learning in MMOG: A Study Using Electroencephalograph", *Proceedings of the Doctoral Consortium of 14th Pacific Asia Conference on Information Systems*, Taipei, Taiwan, 9-12 July 2010.

Section A: Publications of PhD Students

- KONG, S L J and KWOK, C W R, "Knowledge Creation in MMOG: An Empirical Study", *Proceedings of ED-MEDIA 2011 – World Conference on Educational Multimedia, Hypermedia & Telecommunications*, Lisbon, Portugal, 27 June - 1 July 2011.
- LI Mengxiang** LI, M X, TAN, C H, WEI, K K, SIA, C L, TEO, H H and PHANG, C W, "Effects of Product Learning Aids on Breadth and Depth of Recall: An Empirical Investigation", *Proceedings of the 14th Pacific Asia Conference on Information Systems*, Taiwan, 9-12 July 2010.
- LI, M X, TAN, C H, TEO, H H and WEI, K K, "How to Display Branded and Non-Branded Products in the Online Shopping Website", *Proceedings of the 31st Annual International Conference on Information Systems*, USA, 12-15 December 2010.
- LI, M X, TAN, C H, WEI, K K and WANG, K L, "Where to Place Product Reviews? An Information Search Process Perspective", *Proceedings of the 31st Annual International Conference on Information Systems*, USA, 12-15 December 2010.
- LIU Libo** CHEN, K, YANG, Z, WANG, H Q and LIU, L, "Commonsense knowledge supported intelligent news analysis system for portfolio risk prediction", *HAWAII INTERNATIONAL CONFERENCE ON SYSTEM SCIENCES*, USA, 4-7 January 2011.
- MARK Kai Pan** MARK, K P, VOGEL, D and WONG, E Y W, "Developing Learning System Continuance with Teachers and Students: Case Study of the Echo360 Lecture Capturing System", *Pacific Asia Conference on Information Systems 2010*, Taipei, Taiwan, 9-12 July 2010, pp 1727-1734.
- MARK, K P, TSANG, H M and CHAN, Y, "Engineering education outreach in Chinese social context: An ethnographical study on IEEE-TISP implementation with rural schools in Hong Kong", *2010 IEEE Frontiers in Education Conference (FIE)*, USA, 27-30 October 2010, pp T2E-1-T2E-6.
- TSANG, H M, MARK, K P and VOGEL, D, "Postgraduate Student Learning System Continuance: A Case Study of Echo360 Lecture Capturing System", *Cross Straits Information Management Conference*, City University of Hong Kong, Hong Kong, PRC, 5-6 August 2010.
- REN Sijie** WANG, W, XU, J, XU, K, REN, J and LIAO, S S, "A Framework Design of a Distributed Traffic Information System with Historical Database", *the 16th Cross Straits Information Management Conference*, Hong Kong, PRC, 5-6 August 2010.
- XU, K, LIAO, S S, WANG, W and REN, J, "Discovering Core Opinion Contributors in Social Network Sites", *the 16th Cross Straits Information Management Conference*, Hong Kong, PRC, 5-6 August 2010.
- REN, J, HUANG, G, WANG, W, XU, K and LIAO, S S, "Improving Information Systems Development Agility by Organizational Learning in Large Scale Company- A Case Study", *the 16th Cross Straits Information Management Conference*, Hong Kong, PRC, 5-6 August 2010.
- XU, K, XU, J, LIU, L, REN, J, WANG, W, LIAO, S S and SONG, Y, "Predict Market Share with Users' Online Activities Data: An Initial Study on Market Share and Search Index of Mobile Phone", *Pacific Asia Conference on Information Systems*, Taipei, Taiwan, 9-12 July 2010.
- SUN Yongqiang** SUN, Y, FANG, Y, LIM, K and CHEN, X, "Understanding Satisfaction of Knowledge Contributors in Transactional Virtual Communities from a Cost-Benefit Tradeoff Perspective", *The Fourteenth Pacific Asia Conference on Information Systems (PACIS 2010)*, Taiwan, 8-11 July 2010.
- SUN, Y, FANG, Y and LIM, K, "Understanding Sustained Participation in Transactional Virtual Communities", *Proceedings of the International Conference on Information Systems (ICIS 2010)*, USA, 10 December 2010 - 13 June 2011.

Section A: Publications of PhD Students

- THADANI Dimple Ramesh** KWOK, C W R, CHEUNG, H L, CHEN, Y, THADANI, D R, BANDYOPADHYAY, R, LAU, Y T and WONG, M C, "Positive Effects of Reflective e-Portfolio on Overseas Exchange Learning Experience", *Proceedings of The International Conference on Computer Supported Education (CSEDU-2011)*, Netherlands, 6-9 May 2011.
- TIAN Wen** YU, Y A, TIAN, W S, VOGEL, D and KWOK, C W R, "Embedded Social Learning in Online Social Networking", *Proceedings of the International Conference on Information Systems (ICIS)*, USA, 12-15 December 2010.
- LIU, Y, LI, H and TIAN, W S, "Modeling Government Credit Information Systems diffusion in China: A system dynamics approach", *14th Pacific Asia Conference on Information Systems (PACIS2010)*, Taipei, Taiwan, 9-13 July 2010.
- WANG Wei** WANG, W, XU, J, XU, K, REN, J and LIAO, S S, "A Framework Design of a Distributed Traffic Information System with Historical Database", *the 16th Cross Straits Information Management Conference*, Hong Kong, PRC, 5-6 August 2010.
- ZHANG, J, XU, J, ZHU, C, WANG, W and LIAO, S S, "Constructing summarizations for V2V traffic data based on sampling methods", *2010 IEEE Vehicular Networking Conference, VNC 2010*, Jersey City, NJ, PRC, 13-15 December 2010, pp 139-143.
- XU, K, LIAO, S S, WANG, W and REN, J, "Discovering Core Opinion Contributors in Social Network Sites", *the 16th Cross Straits Information Management Conference*, Hong Kong, PRC, 5-6 August 2010.
- REN, J, HUANG, G, WANG, W, XU, K and LIAO, S S, "Improving Information Systems Development Agility by Organizational Learning in Large Scale Company- A Case Study", *the 16th Cross Straits Information Management Conference*, Hong Kong, PRC, 5-6 August 2010.
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### DEPARTMENT OF APPLIED SOCIAL STUDIES

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## **DEPARTMENT OF MECHANICAL AND BIOMEDICAL ENGINEERING DEPARTMENT OF SYSTEMS ENGINEERING AND ENGINEERING MANAGEMENT (formerly Department of Manufacturing Engineering and Engineering Management)**

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**CHEN Yin** CHEN, Y, "Gene Selection for Colorectal Cancer Classification", First Prize, The Seventh National Post-Graduate Mathematic Contest in Modeling, Committee of National Post-Graduate Mathematic Contest in Modeling, PRC, November 2010.

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- LIU Long** LIU, L, *Further Development of Digital Shearography for Dynamic Deformation Measurement and Nondestructive Testing*, PhD Thesis, Department of Manufacturing Engineering and Engineering Management, City University of Hong Kong, Hong Kong, PRC, 31 August 2010.
- LO Choi Tung** LO, C T, *The Impact of Entrepreneurship Education on Entrepreneurial Intention of Engineering Students*, PhD Thesis, Department of Manufacturing Engineering and Engineering Management, City University of Hong Kong, Hong Kong, PRC, 19 April 2011.
- SUN Yonghui** SUN, Y, *Dynamic Analysis and Modeling of Biochemical Regulatory Networks*, PhD Thesis, Department of Manufacturing Engineering and Engineering Management, City University of Hong Kong, Hong Kong, PRC, 20 August 2010.
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- WANG Xiaojuan** WANG, X J, *Quantitative Characterization of Defect in Ultrasonic Guided Waves-based Pipeline Inspection*, PhD Thesis, Department of Manufacturing Engineering and Engineering Management, City University of Hong Kong, Hong Kong, PRC, 30 May 2011.
- WU Yanhua** WU, Y, *Force Characterization and Motion Planning in Automated Cell Manipulation by Optical Tweezers*, PhD Thesis, Department of Manufacturing Engineering and Engineering Management, City University of Hong Kong, Hong Kong, PRC, 29 June 2011.
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Section A: Publications of PhD Students

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**JIA Yanli** JIA, Y, *The Effect of Advising Strength on Users' Trust/Distrust Beliefs in Online Recommendation Agents: The Moderating Role of Brand Familiarity*, MPhil Thesis, Department of Information Systems, City University of Hong Kong, Hong Kong, PRC, 23 August 2010.

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- GUO Yingwen** GUO, Y and ZHOU, Z S, "Duration analysis of interest rate spells: cross-national study of interest rate policy", *Hitotsubashi Journal of Economics*, Vol 52, Summer 2011, pp 1-11.
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## DEPARTMENT OF MARKETING

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## College of Liberal Arts and Social Sciences

### DEPARTMENT OF APPLIED SOCIAL STUDIES

#### *All other outputs*

- LEE Kit Ling** LEE, K L, *Seeking Social Support in Marital Relationship: The Role of Communication Styles and Age*, MPhil Thesis, Department of Applied Social Studies, City University of Hong Kong, Hong Kong, PRC, 16 August 2010.

### DEPARTMENT OF CHINESE, TRANSLATION AND LINGUISTICS

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- WANG Nan** WANG, N, *Making Medical Decisions in Pediatric Consultations: A Conversation-analytic Study of Sequences and Actions of Physician-parent Interaction in A Chinese Hospital*, MPhil Thesis, Department of Chinese, Translation and Linguistics, City University of Hong Kong, Hong Kong, PRC, 9 December 2010.

## DEPARTMENT OF MEDIA AND COMMUNICATION

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## College of Science and Engineering

### DEPARTMENT OF BIOLOGY AND CHEMISTRY

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- LEE Sin Ting** CHOY, S W, CHENG, C W, LEE, S T, LI, V W T, HUI, M N Y, HUI, C C, LIU, D and CHENG, S H, "A cascade of *irx1a* and *irx2a* controls *shh* expression during retinogenesis", *Developmental Dynamics*, 239(12), December 2010, pp 3204-3214.
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- LIANG Yimin** TONG, W, LIANG, Y, TAM, V, YIP, H, KAO, Y, CHEUNG, K, YEUNG, K and LAM, Y W, "Biochemical characterization of the cell-biomaterial interface by quantitative proteomics", *Molecular & Cellular Proteomics*, 9(10), 9 October 2010, pp 2089-2098.
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- CHEN Xiaohua** CHEN, X, *Development of the Medaka *Oryzias melastigma* as a Marine Fish Model for in vivo Molecular Toxicology*, MPhil Thesis, Department of Biology and Chemistry, City University of Hong Kong, Hong Kong, PRC, 21 February 2011.
- JIN Ling** JIN, L, 2011 Prime Minister's Australia Asia Endeavour Award, National Research Centre for Environmental Toxicology, University of Queensland, Australia, 2011.
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- LEUNG Yu Sing** LEUNG, Y S, *Impact of *Sonneratia caseolaris*, an Exotic Mangrove Species on Macrobenthic Community*, MPhil Thesis, Department of Biology and Chemistry, City University of Hong Kong, Hong Kong, PRC, 10 September 2010.
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- SIU Wai Kit** SIU, W K, *Design, Synthesis and Photophysical Study of Luminescent Tetra(isicyano) Rhenium(I) Complexes*, MPhil Thesis, Department of Biology and Chemistry, City University of Hong Kong, Hong Kong, PRC, 23 November 2010.
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- ZHANG Zhongrong** ZHANG, Z, *Effects of Andrographolide and Taxifolin on Cell Proliferation, Cell Cycle Progression and Apoptosis of Prostate Carcinoma DU145 Cells*, MPhil Thesis, Department of Biology and Chemistry, City University of Hong Kong, Hong Kong, PRC, 21 February 2011.
- ZHAO Qian** ZHAO, Q, *Effects of Temperature, Salinity and Food Availability on Two Subtidal Nassariid Gastropods, *Nassarius siquijorensis* and *Nassarius conoidalis**, MPhil Thesis, Department of Biology and Chemistry, City University of Hong Kong, Hong Kong, PRC, 7 January 2011.

**DEPARTMENT OF CIVIL AND ARCHITECTURAL ENGINEERING  
(formerly the Department of Building and Construction)**

*Journal publications*

- CHOW Heung Ming** CHOW, H M, LAM, H, YIN, T and AU, S, "Optimal sensor configuration of a typical transmission tower for the purpose of structural model updating", *Structural Control & Health Monitoring*, 18(3), April 2011, pp 305-320, doi: 10.1002/stc.372.
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- PANG Hoi Yan** CHEUNG, S O, WONG, V W K, YIU, T W and PANG, K H Y, "Developing a trust inventory for construction contracting", *International Journal of Project Management*, 29(2), February 2011, pp 184-196, doi: 10.1016/j.ijproman.2010.02.007.

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- PANG Hoi Yan** PANG, K H Y, *Anatomy of Construction Disputes*, MPhil Thesis, Department of Building and Construction, City University of Hong Kong, Hong Kong, PRC, 18 January 2011.
- QU Yingying** QU, Y, *Logrolling "Win-Win" Settlement in Construction Dispute Mediation*, MPhil Thesis, Department of Building and Construction, City University of Hong Kong, Hong Kong, PRC, 24 May 2011.

## DEPARTMENT OF COMPUTER SCIENCE

### *Journal publications*

- LI Chung Ki** LI, C K, YANG, G, WONG, D S, DENG, X and CHOW, S S M, "An efficient signcryption scheme with key privacy and its extension to ring signcryption", *Journal of Computer Security*, 18(3), 1 August 2010, pp 451-473.

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- CAI Jing** CAI, J and POON, C K, "Path-hop: efficiently indexing large graphs for reachability queries", *19th ACM Conference on Information and Knowledge Management*, Toronto, Canada, 26-30 October 2010, pp 119-128.
- HU Sudeng** HU, S, ZHAO, T, WANG, H and KWONG, S, "Fast inter-mode decision based on rate-distortion cost characteristics", *11th Pacific Rim Conference on Multimedia, PCM 2010*, Shanghai, PRC, 21-24 September 2010, pp 145-155.
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- ZHAO, T, WANG, H, KWONG, S and HU, S, "Probability-based coding mode prediction for H.264/AVC", *2010 17th IEEE International Conference on Image Processing, ICIP 2010*, Hong Kong, PRC, 26-29 September 2010, pp 3389-3392.
- LI Lihua** LI, L and CHAN, A B, "Genre classification and the invariance of MFCC features to key and tempo", *17th Multimedia Modeling Conference, MMM 2011*, Taipei, Taiwan, 5-7 January 2011, pp 317-327.
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- PAUL Padma Polash** PAUL, P P, *Associating Electroencephalogram (EEG) with Physical and Analytical Behavior of Human*, MPhil Thesis, Department of Computer Science, City University of Hong Kong, Hong Kong, PRC, 13 August 2010.
- TAN Lirong** TAN, L, *Functional Analysis of Gene Products based on Gene Ontology*, MPhil Thesis, Department of Computer Science, City University of Hong Kong, Hong Kong, PRC, 13 August 2010.
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## Section B: Publications of MPhil Students

- WU Xiaoyu** WU, X, *(Extended) Visual Cryptography Scheme for Color Images with No Pixel Expansion*, MPhil Thesis, Department of Computer Science, City University of Hong Kong, Hong Kong, PRC, 7 September 2010.
- XU Xunteng** XU, X, *Negotiate Power and Performance in the Reality of RFID Systems*, MPhil Thesis, Department of Computer Science, City University of Hong Kong, Hong Kong, PRC, 16 August 2010.
- YANG Yong** YANG, Y, *3D Protein Substructure Identification and Nearest Neighbor Search*, MPhil Thesis, Department of Computer Science, City University of Hong Kong, Hong Kong, PRC, 13 August 2010.
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## DEPARTMENT OF ELECTRONIC ENGINEERING

### *Scholarly books, monographs and chapters*

- LEUNG Hon Yin** LEUNG, H Y and CHENG, L M, *Study of Digital Image Watermarking in Curvelet Domain: Applications of Digital Watermarking in Frequency Domain*, VDM Verlag, ISBN: 978-3-639-36303-6, Austria, 16 June 2011, 112 p.
- MAK Shue Kwan** LEUNG, C S A, SUM, J and MAK, S K, "Generalization error of faulty MLPs with weight decay regularizer", *Neural Information Processing. Models and Applications, Lecture Notes in Computer Science*, Vol 6444 LNCS, Kok Wai Wong, B. SumuduU. Mendis and Abdesselam Bouzerdoum (eds), Springer, United Kingdom, 2010, pp 160-167.

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- TANG Tsz Yan, Vivian** TANG, T Y V, LIEW, A W C and YAN, H, "Periodicity analysis of DNA microarray gene expression time series profiles in mouse segmentation clock data", *Statistics and Its Interface*, Vol 3, 2010, pp 413-418.
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- XU Yang** XU, Y, XU, L and CHOW, W S T, "PPoSOM: A new variant of PoISOM by using probabilistic assignment for multidimensional data visualization", *Neurocomputing*, 74(11), 4 March 2011, pp 2018-2027.
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- CUI Cuicui** CUI, C, FU, X and CHAN, S C, "Optically Controlled Radio-over-Fiber Uplink Using Double-Locked Semiconductor Lasers", *OptoElectronics and Communications Conference*, Japan, 5-9 July 2010.
- FU Xuelei** CUI, C, FU, X and CHAN, S C, "Optically Controlled Radio-over-Fiber Uplink Using Double-Locked Semiconductor Lasers", *OptoElectronics and Communications Conference*, Japan, 5-9 July 2010.
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- HU Ping** DAI, M, HU, P and SUNG, C W A, "Diamond Relay Network under Rayleigh Fading: On-Off Power Control and Outage-Capacity Bound", *The International Symposium on Information Theory and its Applications (ISITA)*, Taiwan, 17-20 October 2010.
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Section B: Publications of MPhil Students

**YUEN Man Hon** YUEN, M H and KO, K T, "Home private optical fiber network: Bus topology with multi-channel Aloha and Slotted Aloha schemes", *2010 IEEE Youth Conference on Information, Computing and Telecommunications, YC-ICT 2010*, Beijing, PRC, 28-30 November 2010, pp 343-346.

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**CHEUNG King Yin** CHEUNG, K Y, *Innovative Passive Microwave Components for Wireless Communication*, MPhil Thesis, Department of Electronic Engineering, City University of Hong Kong, Hong Kong, PRC, 9 September 2010.

**CUI Cuicui** CUI, C, *Radio-over-Fiber Uplink Transmission Using Semiconductor Laser Dynamics*, MPhil Thesis, Department of Electronic Engineering, City University of Hong Kong, Hong Kong, PRC, 12 August 2010.

**FAN Wei** FAN, W, *Study on Failure Spreading and Virus Propagation Using Complex Network Models*, MPhil Thesis, Department of Electronic Engineering, City University of Hong Kong, Hong Kong, PRC, 5 August 2010.

**FU Xuelei** FU, X, *Photonic Microwave Frequency Mixing Using an Optically Injected Semiconductor Laser*, MPhil Thesis, Department of Electronic Engineering, City University of Hong Kong, Hong Kong, PRC, 17 August 2010.

**HUANG Zhe** HUANG, A Z, *Design and Fabrication of Multi-Step Polymer Optical Power Splitter Using Micro-Embossing Technique*, MPhil Thesis, Department of Electronic Engineering, City University of Hong Kong, Hong Kong, PRC, 24 November 2010.

**LI Yinsheng** LI, Y, *Cooperative Techniques in Wireless Networks*, MPhil Thesis, Department of Electronic Engineering, City University of Hong Kong, Hong Kong, PRC, 3 September 2010.

**LI Yongmin** LI, Y, *Lossless Audio Coding Using Code-Excited Linear Prediction with Embedded Entropy Coding*, MPhil Thesis, Department of Electronic Engineering, City University of Hong Kong, Hong Kong, PRC, 19 May 2011.

**LO Kai Chun** LO, K C, *Development of Source Localization Algorithms in Dispersive Medium*, MPhil Thesis, Department of Electronic Engineering, City University of Hong Kong, Hong Kong, PRC, 19 July 2010.

**WANG Liping** WANG, L, *Intra Predictions and Mode Decisions for Intra Coding in H.264/AVC*, MPhil Thesis, Department of Electronic Engineering, City University of Hong Kong, Hong Kong, PRC, 31 August 2010.

**WANG Zhu** WANG, Z, *Microwave Photonic Filters Based on Optical Fiber Cladding-Mode Couplers*, MPhil Thesis, Department of Electronic Engineering, City University of Hong Kong, Hong Kong, PRC, 30 August 2010.

**WONG Chi Kwan** WONG, C K, *Enhanced Stroke-based Chinese Input Methods for Mobile Devices*, MPhil Thesis, Department of Electronic Engineering, City University of Hong Kong, Hong Kong, PRC, 30 June 2011.

**WU Peiran** WU, P, *Linear Precoding for MIMO Wireless Channels*, MPhil Thesis, Department of Electronic Engineering, City University of Hong Kong, Hong Kong, PRC, 20 August 2010.

**XU Yang** XU, Y, Best Student Paper Award: International Conference of Data Mining and Knowledge Engineering in The World Congress on Engineering (WCE) 2010, The International Association of Engineers (IAENG), United Kingdom, 2010.

XU, Y, *Self-Organizing Map: Visualization and Data Handling*, MPhil Thesis, Department of Electronic Engineering, City University of Hong Kong, Hong Kong, PRC, 6 October 2010.

## Section B: Publications of MPhil Students

- YANG Xin** YANG, X, *Optical Properties and Applications of Surfactant Modified Deoxyribonucleic Acid Complex*, MPhil Thesis, Department of Electronic Engineering, City University of Hong Kong, Hong Kong, PRC, 30 September 2010.
- YUEN Man Hon** YUEN, M H, *Performance Analysis of Multi-Channel Aloha (MCA) and Multi-Channel Slotted Aloha (MCSA) Schemes for Optical Fiber Network*, MPhil Thesis, Department of Electronic Engineering, City University of Hong Kong, Hong Kong, PRC, 25 January 2011.
- ZHANG Peng** ZHANG, P, *Transmission Strategies and Resource Allocation for Wireless Cooperative Networks*, MPhil Thesis, Department of Electronic Engineering, City University of Hong Kong, Hong Kong, PRC, 12 August 2010.

### DEPARTMENT OF MECHANICAL AND BIOMEDICAL ENGINEERING DEPARTMENT OF SYSTEMS ENGINEERING AND ENGINEERING MANAGEMENT (formerly Department of Manufacturing Engineering and Engineering Management)

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

- LEUNG Tsz Chung** TSE, W T P and LEUNG, T C, *Advanced System for Automatically Detecting Faults Occurring in Bearings*, NOVA Science Publishers, USA, 1 October 2010.

#### *Journal publications*

- CHAN Yiu Ting** LIU, K P, LUK, B L, TONG, F and CHAN, Y T, "Application of service robots for building NDT inspection tasks", *Industrial Robot-An International Journal*, 38(1), 2011, pp 58-65, doi: 10.1108/014399111111097850.
- CHAN, Y T, WONG, P P L, LIU, K P L L and BULLOUGH, W, "Repulsive Normal Force by an Excited Magneto-Rheological Fluid Bounded by Parallel Plates in Stationary or Rotating Shear Mode", *Journal of Intelligent Material Systems and Structures*, 22(6), April 2011, pp 551-560, doi: 10.1177/1045389X11404455.
- LUO Binhui** LUO, B, SHUM, P W, ZHOU, Z F and LI, L K Y, "Surface geometrical model modification and contact angle prediction for the laser patterned steel surface", *Surface & Coatings Technology*, 205(7), 2010, pp 2597-2604, doi: 10.1016/j.surfcoat.2010.10.003.

#### *Conference papers*

- NG Chun Yu** CHUAH, K B and NG, C Y, "Different Magnitudes Increased of Environmental Impacts Generated in Manufacturing Processes Based on Plastics or Metals Materials", *ICMST 2010*, IEEE, Universiti Putra Malaysia, IACSIT, Kuala Lumpur, Malaysia, 26-28 November 2010.

#### *All other outputs*

- YIP Lee Kei** YIP, L K, *Boundary Slippage Effect on Hydrodynamic Lubrication*, MPhil Thesis, Department of Manufacturing Engineering and Engineering Management, City University of Hong Kong, Hong Kong, PRC, 19 May 2011.
- ZHONG Guixian** ZHONG, G X, *Designing Efficient Mechanisms for Mergers & Acquisitions and Studying impacts of such Events on Stock Prices (為企業並購設計有效機制並研究此類事件對公司股價的影響)*, MPhil Thesis, Department of Manufacturing Engineering and Engineering Management, City University of Hong Kong, Hong Kong, PRC, August 2010.

## DEPARTMENT OF MATHEMATICS

### *All other outputs*

- GUO Wenxuan** GUO, W, *Anomalous Phenomena and Intermittency in the Dynamics of Multiple Particles in a Funnel*, MPhil Thesis, Department of Mathematics, City University of Hong Kong, Hong Kong, PRC, 24 November 2010.
- NG Kwok Tim** NG, K T, *On a Nonlinear Model for Stress-induced Phase Transitions in a Slender Compressible Hyperelastic Cylinder: Analytical Solutions and Stability*, MPhil Thesis, Department of Mathematics, City University of Hong Kong, Hong Kong, PRC, 23 August 2010.
- XU Chen** XU, C, *Convergence to Shared Lexicons for Multi-object Domains*, MPhil Thesis, Department of Mathematics, City University of Hong Kong, Hong Kong, PRC, 20 July 2010.

## DEPARTMENT OF PHYSICS AND MATERIALS SCIENCE

### *Journal publications*

- CHEUNG Wing Sze** WANG, J X, WU, C M L, CHEUNG, W S, LUO, L B, HE, Z B, YUAN, G D, ZHANG, W J, LEE, C S and LEE, S T, "Synthesis of Hierarchical Porous ZnO Disklike Nanostructures for Improved Photovoltaic Properties of Dye-Sensitized Solar Cells", *Journal of Physical Chemistry C*, 114(31), 12 August 2010, pp 13157-13161, doi: 10.1021/jp100637c.
- YUM Hoi Wa** CHOI, W Y, YUM, H W and YU, K N, "Micro-collimator fabricated by alpha-particle irradiation of polyallyldiglycol carbonate polymer film and subsequent chemical etching", *Nuclear Instruments & Methods in Physics Research Section A: Accelerators Spectrometers Detectors and Associated Equipment*, 619(1-3), 2010, pp 211-215, doi: 10.1016/j.nima.2009.10.120.

### *Conference papers*

- CHAN Po Man** CHUNG, C Y and CHAN, P M, "NiTi shape memory alloy thin film micro-cantilevers array", *Thin Solid Films*, 519(15), Harbin, PRC, 11-14 July 2010, pp 5307-5309.

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- CHOI Wing Yan** CHOI, W Y, *Induction of Radioadaptive Response by High LET Radiation in Zebrafish Embryo in vivo*, MPhil Thesis, Department of Physics and Materials Science, City University of Hong Kong, Hong Kong, PRC, 2 July 2010.
- LEE Yuet Ling** LEE, Y L, *Study on Sealing of Battery Packaging*, MPhil Thesis, Department of Physics and Materials Science, City University of Hong Kong, Hong Kong, PRC, 11 March 2011.

## School of Creative Media

### SCHOOL OF CREATIVE MEDIA

#### *All other outputs*

- CAO Xiaoqin** CAO, X, *Sequential Markov Random Fields for Human Body Parts Tracking*, MPhil Thesis, School of Creative Media, City University of Hong Kong, Hong Kong, PRC, 3 August 2010.
- TIAN Desai** TIAN, D, *Markov Random Field-Based Hierarchical Handwritten Chinese Character Modeling*, MPhil Thesis, School of Creative Media, City University of Hong Kong, Hong Kong, PRC, 16 August 2010.

## Section B: Publications of MPhil Students

**WANG Zhe** WANG, Z, *Digital Puppetry: Real-time Performance in a Mediatized Age*, MPhil Thesis, School of Creative Media, City University of Hong Kong, Hong Kong, PRC, 26 August 2010.

**YIU Sheung Yee** YIU, S Y, *New Information Structure: Digital Archive as the New Form of 'Story-telling' and its Effect*, MPhil Thesis, School of Creative Media, City University of Hong Kong, Hong Kong, PRC, 29 October 2010.

## School of Energy and Environment

### SCHOOL OF ENERGY AND ENVIRONMENT

#### *Conference papers*

**CHEUNG Ho Nam, Hoffman** CHEUNG, H N H and ZHOU, W, "Characteristic of blocking events over Siberia for the present and future climate conditions, and the implications for the regional climate in South China", *2010 AGU Fall Meeting*, American Geophysical Union (AGU), San Francisco, USA, 13-17 December 2010.

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#### *All other outputs*

**FUNG Kit Ying** FUNG, K Y, *Rainfall Distributions over Land Associated with Tropical Cyclones Making Landfall along the South China Coast*, MPhil Thesis, School of Energy and Environment, City University of Hong Kong, Hong Kong, PRC, 4 September 2010.

## Section C: Publications of Professional Doctorate Students

### College of Business

#### DOCTOR OF BUSINESS ADMINISTRATION

##### *Journal publications*

**CHAN Kwok On, Carlson** CHAN, A and CHAN, C, “Strategic Management in China: Entry Strategies into the PRC for Post Recession Wealth Management Service”, *International Journal of Asian Business and Information Management*, vol. 1, iss: 2, 2010, pp 1-11.

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##### *Conference papers*

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**CHOI Chiu Fai, Stanley** CHOI, S, DONG, G and LAI, K K, “Option Implied Volatility Estimation: A Computational Intelligent Approach”, *Proceedings of the Fourth International Joint Conference on Computational Sciences and Optimization*, Kunming, China, April 2011, p545-547.

**NG Chui Yiu, Jennifer** NG, J, LAI, K K, and CHEN, Y, “Individual’s Charity Intention in Hong Kong: An Empirical Study on Charitable Behavior”, *Proceedings of the Fourth International Joint Conference on Computational Sciences and Optimization*, Kunming, China, April 2011, p436-440.

##### *All other outputs*

**CHAN Fung Cheung** CHAN, F C, *An Analysis of the Relationship between Choice of Interest Rate Reference and Interest Rate Risks of Corporate Borrowers*, DBA Thesis, College of Business, City University of Hong Kong, Hong Kong, PRC, June 2011.

**CHENG Faat Ting, Gary** CHENG, F T G, *Corporate Governance in Hong Kong: An Empirical Study of the Effects of Independent Non-Executive Directors on Voluntary Corporate Disclosures and Adoption of Best Corporate Governance Practices*, DBA Thesis, College of Business, City University of Hong Kong, Hong Kong, PRC, January 2011.

**LEUNG Wai Ping, Noel** LEUNG, W P N, *The Association between Related Party Transactions and Corporate Governance Mechanisms: Empirical Evidence from Chinese Listed Companies*, DBA Thesis, College of Business, City University of Hong Kong, Hong Kong, PRC, January 2011.

**LI Yiu Cheung, Brian** LI, Y C B, *The Globalization of a Hong Kong Electronic Manufacturer*, DBA Thesis, College of Business, City University of Hong Kong, Hong Kong, PRC, April 2011.

**LIANG Hwa Dong** LIANG, H D, *Structure Flaw and Shadowology: Root Cause of Financial Crises*, DBA Thesis, College of Business, City University of Hong Kong, Hong Kong, PRC, August 2010.

**WONG Chi Wing** WONG, C W, *ERP Implementation in China: Success Indicators and Critical Success Factors in Chinese Telecom SOEs from the Project Management Perspective*, DBA Thesis, College of Business, City University of Hong Kong, Hong Kong, PRC, January 2011.

**YANG Gyung Yeol** YANG, G Y, *Audience's Acceptability of Product Placement: A Comparison of Chinese and Korean Young Consumers*, DBA Thesis, College of Business, City University of Hong Kong, Hong Kong, PRC, September 2010.

## College of Science and Engineering

### ENGINEERING DOCTORATE (CIVIL AND ARCHITECTURAL ENGINEERING) (formerly Engineering Doctorate (Building Construction))

#### *Journal publications*

**CHAN Ka Lung, Raymond** CHAN, R K L, LEE, E W M and YUEN, R K K, "An integrated model for the design of air-cooled chiller plants for commercial buildings", *Building and Environment*, Vol. 46(1), January 2011, pp 196-209.

#### *Conference papers*

**WONG Man Tat** LAM, H F and WONG M T, "Railway Ballast Diagnose Through Impact Hammer Test", *The Twelfth East Asia-Pacific Conference on Structural Engineering and Construction (EASEC-12)*, Hong Kong, China, 26 January 2011.

LAM H F and WONG M T, "Non-destructive Testing of Railway Ballast", *14th Beijing/Shanghai/Guangdong/Hong Kong Railway Society Joint Seminar +2010 Annual Conference of World Railway Development and Research Society*, Beijing, China, 18 October 2010.

#### *All other outputs*

**KWOK Sai Kwong** KWOK, S K, *An Intelligent Approach to Access Building Occupancy for Cooling Load Prediction*, EngD Thesis, Department of Building and Construction, City University of Hong Kong, Hong Kong, PRC, October 2010.

**CHAN Ka Lung, Raymond** CHAN, K L, *An Optimal and Life Cycle Model for Design, Operation and Maintenance of Air-cooled Chiller Plants for Commercial Buildings*, EngD Thesis, Department of Building and Construction, City University of Hong Kong, Hong Kong, PRC, October 2010.

### ENGINEERING DOCTORATE (ENGINEERING MANAGEMENT)

#### *Journal publications*

**KWAN, Shiu Keung** KWAN, S K and TSANG, K F, "Applying Analytical Hierarchy Process to WiMax Performance Evaluation Model", *ZTE Communications*, vol.8, no.3, September 2010.

#### *Conference papers*

**LAI, Po Ming** LAI, P M and CHUAH, K B, "Developing an Analytical Framework for Mobile Payments Adoption in Retailing: A Supply-Side Perspective", *Proceedings of 2010 International Conference on Management of e-Commerce and e-Government*, Chengdu, China, 23-24 October 2010.

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**CHAN Mo Lim** CHAN, M L, *Tactical Implementation Model for the Smart Card Payment System for Metro Operation*, EngD Thesis, Department of Manufacturing Engineering & Engineering

Management, City University of Hong Kong, Hong Kong, PRC, December 2010.

- LAI Kim Hung** LAI, K H, *The Development of Quality Management System based Information Security Management Implementation Model*, EngD Thesis, Department of Manufacturing Engineering & Engineering Management, City University of Hong Kong, Hong Kong, PRC, September 2010.
- LAM Chi Ming** LAM, C M, *Development of a Balanced Scorecard Based Life Cycle Model for ERP Implementation in Hong Kong Manufacturing Companies*, EngD Thesis, Department of Manufacturing Engineering & Engineering Management, City University of Hong Kong, Hong Kong, PRC, September 2010.
- LI Guodong** LI, G, *A Lean Microfactory for Micro Motor Manufacturing*, EngD Thesis, Department of Manufacturing Engineering & Engineering Management, City University of Hong Kong, Hong Kong, PRC, April 2011.
- NG Pin** NG, P, *Applying Formal Concept Analysis in Requirements Validation with UML State Machine Model*, EngD Thesis, Department of Manufacturing Engineering & Engineering Management, City University of Hong Kong, Hong Kong, PRC, August 2010.
- TSAI Kai Chi, Victor** TSAI, K C V, *Cultural Impact on Conflict Management in Hong Kong Construction Projects*, EngD Thesis, Department of Manufacturing Engineering & Engineering Management, City University of Hong Kong, Hong Kong, PRC, January 2011.
- WONG Lap Man** WONG, L M, *Development of Knowledge-based Integrated Management System (KIMS) for Hong Kong Construction Industry*, EngD Thesis, Department of Manufacturing Engineering & Engineering Management, City University of Hong Kong, Hong Kong, PRC, September 2010.
- YEUNG Kai Kin** YEUNG, K K, *A Study on the Mechanical Properties and Performance of Selected Thermoplastic and Thermosetting Composites for Engineering Applications*, EngD Thesis, Department of Manufacturing Engineering & Engineering Management, City University of Hong Kong, Hong Kong, PRC, February 2011.

## School of Law

### DOCTOR OF JURIDICAL SCIENCE

#### *All other outputs*

- LAM Sau Ping** LAM, S P, *Medical Negligence in Hong Kong*, JSD Thesis, School of Law, City University of Hong Kong, PRC, August 2010.