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***Eric W.T. NGAI***

**Faculty of Business  
Professor - Management & Marketing**

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**Academic Qualifications**

BSc(Hons), M.Soc.Sc., Ph.D.

**Academic/Industry Experience**

2009-present Professor and Associate Head  
Department of Management and Marketing  
Deputy Director,  
Logistics Research Centre  
Sustainability Management Research Centre  
The Hong Kong Polytechnic University  
1999-2009 Associate Professor, Assistant Professor  
Department of Management and Marketing  
1989 - 1999 Assistant Professor, Lecturer  
Department of Computing  
The Hong Kong Polytechnic University  
1984-1989 Lecturer  
Hang Seng School of Commerce  
1983-1984 Statistical Officer  
Management Information Unit  
The Hong Kong Polytechnic University

**Sample Journal Papers (from over 115 journal publications)**

Ngai, E.W.T. and Wat, F.K.T. (2005), Fuzzy Decision Support System for Risk Analysis in E-Commerce Development, *Decision Support Systems*,40(2), 235–255. (was ranked in “Top 10 most-cited articles between 2005 and 2009).

Gunasekaran, A. and Ngai, E.W.T. (2005), Build-to-Order Supply Chain Management: a Literature Review and Framework for Development, *Journal of Operations Management*, 23, 423-451 (is ranked in “Top 10 most-cited articles published in the last 5 years).

Ngai, E.W.T., Cheng, T.C.E., Au S and Lai, K.H. (2007), Mobile Commerce Integrated with RFID Technology in a Container Depot, *Decision Support Systems*,43(1),62-76 (is ranked in “Top 10 most-cited” articles published in the last 5 years).

Ngai, E.W.T., Cheng, T.C.E., Kai, K.H., Chai, P. Y. F., Choi, YS and Sin, RKY (2007), Development of an RFID-based Traceability System: Experiences and Lessons Learned from an Aircraft Engineering Company, *Production and Operations Management*, 14(4), 554-568

Au, N, Ngai, E.W.T. and Cheng, T.C.E. (2007), Extending the understanding of end user Information Systems Satisfaction Formation – An Equitable Needs Fulfillment Model Approach, *MIS Quarterly*, December, 32(1), 43 – 66.

Ngai, E.W.T., Moon, K.L., Riggins, F.J., Yi, C.Y. (2007), RFID Research: An Academic Literature Review (1995-2005) and Future Research Directions, *International Journal of Production and Economics*, 112(2), 510-520. (is ranked in "Top 10 most-cited articles between 2007 and 2010).

Ngai, E.W.T., To, C. K. M., Moon, K. K. L., Chan, T. L. K., Yeung, P.K. W, and Lee, M. C.M., (2010) "RFID Systems Implementation: A Comprehensive Framework and a Case Study", *International Journal of Production Research*. 48(9), 2583 – 2612.

Ngai, E.W.T. , Leung, T.K.P., Wong, Y.H., Lee, M.C.M., Chai, P.Y.F., Choi, Y.S. (2012), Design and development of a context-aware decision support system for real-time accident handling in logistics, *Decision Support Systems*, 52, 816 – 827.

Moon, K.L.K., Yi Candace, Ngai, E.W.T (2012), An Instrument for Measuring Supply Chain Flexibility for Textile and Clothing Companies, *European Journal of Operational Research*, 222, 191 - 203.

Yong Hu, Jianfeng Du, Xiangzhou Zhang, Xiaoling Hao, E.W.T. Ngai, Ming Fan, Mei Liu (2013), An Integrative Framework for Intelligent Software Project Risk Planning, *Decision Support Systems*. 55, 927 – 937

Ngai E.W.T., Cheung, Bernard K.S., Lam, S.S., Ng, C.T. (2014), RFID value in aircraft parts supply chains: A case study, *International Journal of Production Economics*, 147, 330-339.

### **Other Information**

His current research interests are in the areas of E-commerce, Decision Support Systems, Social Computing, Logistics and Supply Chain Management, Knowledge Management & Innovation, IT Governance, RFID and Energy & Environmental Informatics Research. He has published papers in a number of international journals including *MIS Quarterly*, *Journal of Operations Management*, *Decision Support Systems*, *IEEE Transactions on Systems, Man and Cybernetics*, *Information & Management*, *Production & Operations Management*, and others.

### **Teaching and Research Related Awards**

- 1998 Nominee for President's Award 1998-99 in the Research Category (The Hong Kong Polytechnic University)
- 2004 Faculty Award for Outstanding Performance/Achievement in Teaching (The Hong Kong Polytechnic University)
- 2008 Two highly cited papers (top 0.1% in terms of citation count) published in 2007, *ISI Web of Knowledge*
- 2008/9 3 patent granted (Chinese Patent for Invention)
- 2010 Bronze Medal for the project "Intelligent context-aware decision support system for monitoring of container terminal operations" (Ngai, E.W.T. (PI), Li, C.L., Cheng, T.E.C., Lun, Y.H.V., Lai, K.H. and Choi, Y.S.), at the 38th International Exhibition of Inventions of Geneva.
- 2010 Three articles were ranked in "Top 10 cited" of all *Decision Support Systems* articles (2005 – 2009), Ngai, Cheng, Au and Lai (2007) was ranked 3<sup>th</sup>, Ngai and Wat (2005) was ranked 7<sup>th</sup> and Ngai and Gunasekaran (2007) was ranked 8<sup>th</sup> in "Top 10 cited" list.
- 2010 An article (Ngai, Moon, Riggins, Yi, 112(2), 2008) was ranked in "Top 10 most-cited articles" published in the *International Journal of Production Economics* between 2007 and 2010.
- 2011 The article in the journal of *Decision Support Systems* (Ngai and Gunasekaran, 2007) won Emerald Citations of Excellence Award. One of the top 50 articles from the top 300 management publications worldwide that have had proven impact since their publication date (2007). (<http://www.emeraldinsight.com/about/news/story.htm?id=3548>)
- 2011 Ranked among the world's list of researchers who h-index for MIS is at or above 20

based on Google Scholar

( <http://ai.arizona.edu/resources/h-Index.pdf> )

2012 Attained an h-index of 20, and received 1200 citations, ISI Web of Science

2012 Faculty Business Fellow Award for 2011 – 2012

2013 Faculty Prize for Research and Scholarly Activities 2012 - 2013

### **Editorial Responsibilities**

**Associate Editor** for the European Journal of Information Systems 2008 – 2013

**Associate Editor** for Information and Management 2012 – Present

### **Consultancy (Local and International Companies/Organizations)**

Hong Kong Aircraft Engineering Company Limited (HAECO), The Open University of Hong Kong, Cumulus – (International Association of Universities and Colleges of Art, Design and Media, Finland), Hong Kong Science and Technology Park Corporation, Environmental Protection Department, HKSAR etc.

Output Demonstrated Practical Value:

Successfully licensing the RFID middleware to a local company and a patent to a US company.

### **Service to the Profession and the Community**

External examiners of Ph.D. (University of Hong Kong), DBA (University of Newcastle), DBA (University of South Australia), Ph.D.(City University of Hong Kong), Ph.D. (University of Malaya), MSc (Open University of Hong Kong), MBA (University of Wales), AD (Community College of City University), BBA &AD (Hang Seng School of Commerce and Hang Seng Management College),etc.