

The Hong Kong University of Science and Technology

Department of Information Systems,
Business Statistics and Operations Management

Seminar Announcement

***The Competitive Environment, Supply Chain Information
Sharing, and Supply Chain Performance:
An Empirical Study in China***

by

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Date: Friday, 9 December 2011
Time: 1:45 pm – 2:45 pm
Venue: Conference Room 2397 (Lift 17/18)
(near Dept of Finance)

~~~~~ All interested are welcome ~~~~~

**Abstract:** Information sharing (IS) in a supply chain has become an important topic over the past decade. This study uses data from 617 Chinese manufacturing firms to investigate the relationships among competitive environments, supply chain information sharing (SCIS), and supply chain performance. The results of structural equation modeling analysis show that (1) international competition has a positive impact on all three types of SCIS; (2) internal IS improves external IS with suppliers and customers; and (3) internal IS and IS with customers lead to superior supply chain performance. This study also finds that local competition does not have a significant impact on any of the three types of SCIS. Regression analysis shows that IS with suppliers can help IS with customers to improve supply chain performance, vice versa, reflecting that upstream and downstream IS capabilities have a synergistic effect on supply chain performance. These findings are interpreted in the context of the Chinese manufacturing sector and enhance the understanding of supply chain management in China's dynamic competitive environment.

**Bio:** Dr. Xiande Zhao is Professor of Operations Management at the Department of Decision Sciences and Managerial Economics and Director of the Center for Supply Chain Management and Logistics, Li & Fung Institute of Supply Chain Management and Logistics, The Chinese University of Hong Kong. He is also a “one thousand talent” professor and

the director of Institute for Supply Chain Integration and Service Innovation at the South China University of Technology in Guang Zhou, China.

He received his Ph.D. in Business Administration and MBA from the University of Utah, U.S.A. Prof. Zhao's teaching and research interests are in the areas of Supply Chain Management and Service Operations Management. He has published over sixty articles in refereed journals including the *Journal of Operations Management*, *Journal of Consumer Research*, *Decision Sciences Journal*, *European Journal of Operations Research*, *International Journal of Production Research* and other journals.

He is associate editors for *Journal of Operations Management*, *Decision Sciences Journal*, and *Operations Management Research*. He is also a senior editor of *Production and Operations Management* and Asia Co-editor of *Journal of Supply Chain Management*. He is the President of the Association of Supply Chain and Operations Management. He served as the Vice President and President of Asia Pacific Institute of Decision Sciences, and the President of International Association of Information and Management Sciences. He is an H Panel member of the Hong Kong Research Grant Council and holds appointments as a Honored Professor at Fudan University and Visiting professors at Wuhan University, Xi'an Jiao Tong University and Nankai University.