

**Anthony King Wah, PANG, Ph.D.**  
**Associate Professor and Associate Head**  
**Logistics and Maritime Studies, Faculty of Business**  
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### **Professional Interests**

#### **Research Interests**

Optimization, Operations Management, Routing Problems

#### **Teaching Interests**

Operations Management, Logistics and Distribution Management

### **Academic Background**

Ph.D. The Hong Kong University of Science and Technology, Hong Kong, Industrial Engineering and Engineering Management, 2001

M.Phil. The Hong Kong University of Science and Technology, Hong Kong, Industrial Engineering and Engineering Management, 1998

B.Eng. The Hong Kong University of Science and Technology, Hong Kong, Industrial Engineering and Engineering Management, 1997

### **Skills - Personal**

Quantitative Methods, Operations Research, Meta-heuristics, Research Methods

### **Awards**

2013 – Faculty of Business, Faculty Prize of Best Teaching Award

### **Work Experience**

#### **Academic Experience**

Associate Professor and Associate Head, The Hong Kong Polytechnic University (since Aug 2014).

Assistant Professor, The Hong Kong Polytechnic University (November 2007 – Jun 2014).

Lecturer, The Hong Kong Polytechnic University (December 2003 - October 2007).  
Department of Logistics.

Visiting Assistant Lecturer, The Hong Kong University of Science and Technology (September 2001 - June 2003).

#### **Non-Academic Experience**

Research Associate, The Hong Kong University of Science and Technology (June 2003 - December 2003).

### **Consultancy Project**

2013 –Regional Distribution Centre Location Decision Analysis – A FMCG Company

### **Intellectual Contributions:**

#### **Refereed Articles**

**PANG, K., LIU, J.Y.,** (2014) “An integrated model for ship routing with transshipment and berth allocation”. *IIE Transactions*, 46, 1357-1370.

**PANG, K.,** (2013) A genetic algorithm based heuristic for two machine no-wait flowshop scheduling problems with class setup times that minimizes maximum lateness. *International Journal of Production Economics*, 141, 127-136.

**PANG, K., XU, Z., & LI, C.** (2011). Ship routing problem with berthing time clash avoidance constraints. *International Journal of Production Economics*, 131, 752-762.

**PANG, K.** (2011). An adaptive parallel route construction heuristic for the vehicle routing problem with time windows constraints. *Expert Systems with Applications: An International Journal*, 38 (9), 11939-11946.

**LI, C. & PANG, K.** (2011). An integrated model for ship routing and berth allocation. *International Journal of Shipping and Transport Logistics*, 3 (3), 245-260.

**LUN, V., PANG, K., & Panayides, P. M.** (2010). Organizational growth and firm performance in the international container shipping industry. *International Journal of Shipping and Transport Logistics*, 2 (2), 206-223.

**PANG, K.** (2009). Improving operating efficiency by integrating decisions on ship routing, berthing time assignment with transshipment option. *Seaview (Journal of the Institute of Seatransport)*, 86, 3-6.

**PANG, K. & JONEJA, A.** (2003). Geometric techniques for efficient waste removal in LOM. *Journal of Manufacturing Systems*, 22 (3), 248-263.

**TANG, K. & PANG, K.** (2003). Optimal connection of loops in laminated object manufacturing. *Computer-Aided Design*, 35 (11), 1011-1022.

**PANG, K., Murty, K. G., Joneja, A., & Leung, C.** (2003). Response to the comments on: Tool path optimization in layered manufacturing. *IIE Transactions*, 35, 87-89.

**PANG, K. & Joneja, A.** (2002). A computer-aided process planning system to reduce build time in LOM. *The 2001/2002 Annual Journal of IIE* (Hong Kong), 40-45.

**PANG, K., Murty, K. G., Joneja, A., & Leung, C.** (2002). Tool path optimization in layered manufacturing. *IIE Transactions*, 34 (4), 335-347.

**PANG, K., Joneja, A., Lam, D. C. C., & Yuen, M.** (2001). A CAD/CAM system for process planning and optimization in LOM. *IIE Transactions*, 33 (4), 345-355.

Joneja, A., **PANG, K.**, Lam, D., & Yuen, M. (2000). A CAD/CAM system for vector-based layered manufacturing systems. *International Journal of Computer Integrated Manufacturing*, 13 (5), 388-400.

## **Research Grants**

Data mining based approaches for improving warehousing operating efficiency in storage location assignment and order picking, **RGC Direct Allocation for GRF project proposal** 2012-2014

PI: **Anthony King-Wah Pang**

Funding: HK\$105,000

Meta-heuristics approach for two-machine no wait flowshop scheduling problems with class based setup times, **Central Research Grant**, 2011-2013

PI: **Anthony King-Wah Pang**

Funding: HK\$141,550

An integrated model and solution methods for ship routing, berth assignment, and transshipments, **Niche Areas Research Grant**, 2008-2011

PI: **Anthony King-Wah Pang**

Co-I: Chung-Lun Li

Funding: HK\$650,000

An integrated model for ship routing and berth assignment, **CERG** 2007-09

PI: **Anthony King-Wah Pang**

Co-I: Chung-Lun Li

Funding: HK\$386,000

Geographic information systems technology for fleet management, **Internal Competitive Research Grant (ICRG)** 2005-07

Rep. Co-PI: Wen-Zhong Shi (LSGI)

Co-PI: Chung Lun Li & **Anthony King-Wah Pang**

Funding: HK\$277,000