

## Hakan Tarakci

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### EDUCATION

Ph.D., Krannert Graduate School of Management, 2000 – 2004  
Purdue University, West Lafayette, Indiana, U.S.A.  
*Major: Quantitative Methods, Minor: Operations Management.*

M.S., Iowa State University, Ames, Iowa, U.S.A. 1997 – 2000  
*Major: Industrial Engineering, Minor: Statistics.*

B.S., Bogazici University, Istanbul, Turkey. 1993 – 1997  
*Major: Industrial Engineering.*

### ACADEMIC EMPLOYMENT

May 2005 - present **Senior Lecturer** (equivalent to Assistant Professor), Melbourne Business School, University of Melbourne.

2004 – 2005 **Visiting Assistant Professor of Management**, Krannert Graduate School of Management, Purdue University.

### RESEARCH

#### Research Interests

Supply Chain Management; Maintenance Outsourcing Contracts; Inventory Management; Learning in Maintenance and Production; Game Theory; Telemedicine.

#### Journal Publications

H. Tarakci, Sharafali M., Z. Ozdemir (2009), "On the Staffing Policy and Technology Investment in a Specialty Hospital Offering Telemedicine", *Decision Support Systems*, **46**, 468-480.

H. Tarakci, K. Tang, S. Teyarachakul (2009), "Learning Effects on Maintenance Outsourcing," *European Journal of Operational Research*, **192**, 138-150.

H. Tarakci, K. Tang, H. Moskowitz, R. Plante (2006), "Incentive Maintenance Outsourcing Contracts for Channel Coordination and Improvement," *IIE Transactions*, **38**, 671-684.

H. Tarakci, K. Tang, H. Moskowitz, R. Plante (2006), "Maintenance Outsourcing of a Multi-process Manufacturing System with Multiple Contractors," *IIE Transactions*, **38**, 67-78.

### **Refereed Conference Proceedings**

H. Tarakci, Sharafali M., Z. Ozdemir (2007), "Optimal Staffing Policy and Telemedicine", *Proceedings of the 2007 Annual Americas Conference in Information Systems*.

H. Tarakci, K. Tang, S. Teyarachakul (2006), "Learning and Maintenance Outsourcing", *Proceedings of the 2006 Annual Decision Sciences Institute Conference*.

H. Tarakci, K. Tang (2003), "Incentive Maintenance Contracts for Optimizing Channel Profit", *Proceedings of the 2003 Annual Decision Sciences Institute Conference*.

### **Conference Presentations**

H. Tarakci, K. Tang, S. Teyarachakul, "Learning and Maintenance Outsourcing", 2006 Annual DSI Conference in San Antonio, TX.

H. Tarakci, K. Tang, "Incentive Maintenance Contracts for Optimizing Channel Profit", 2003 Annual DSI Conference in Washington, DC.

H. Tarakci, K. Tang, "Incentive Maintenance Contracts for Optimizing Channel Profit", 2003 Annual INFORMS Meeting in Atlanta, GA.

### **Working Papers**

S. Teyarachakul, D. Comez, H. Tarakci "The Convergence in Workers' Skill Levels Under Learning and Forgetting: The Fixed-Point-Property Approach".

H. Tarakci, Sharafali M. "On the Problem of Production Deadline and Maintenance Outsourcing".

H. Tarakci, K. Tang, S. Teyarachakul "Learning and Forgetting in Maintenance Outsourcing".

## **TEACHING**

### **Teaching Interests**

Operations Management; Operations Research; Business Statistics; Supply Chain Management; Total Quality Management; Reliability.

### **Teaching Experience**

Participant, International Teachers Program at IMD, Switzerland, 2007.

Instructor, *Managing Processes* (MBA Core), Melbourne Business School.

Instructor, *Data & Decisions* (MBA Core), Melbourne Business School.

Instructor, *Management Science* (Undergraduate Core), Krannert, Purdue.

- Certificate for Teaching Excellence for *Management Science*, 2002.

Teaching Assistant, *Quantitative Methods I* (MBA Core), Krannert, Purdue.

Teaching Assistant, *Quantitative Methods II* (MBA Elective), Krannert, Purdue.

## **SERVICE**

### **Professional Services**

- Reviewed four papers for *European Journal of Operational Research*.
- Reviewed one paper for *Decision Sciences*.
- Reviewed one paper for *Decision Support Systems*.
- Reviewed one paper for *Information Sciences*.
- Reviewed one paper for *OMEGA - The International Journal of Management Science*.
- Reviewed two papers for the 2004 Annual DSI Conference in Boston.
- Session Chair at the 2003 Annual INFORMS Meeting in Atlanta.
- Reviewed a paper for the 2003 Annual DSI Conference in Washington, DC.

### **Professional Affiliations**

- DSI.
- INFORMS.

### **School Services**

Served on the following committees at Melbourne Business School:

- Research Committee
- Selection Committee
- Sustainability Committee

## HONORS AND AWARDS

- Received Graduate Certificate in *Applied Statistics* from Purdue, 2003.
- Participated in the 2003 DSI Doctoral Consortium in Washington DC.
- Gordon P. Wright Scholarship for Outstanding New Ph. D. students in 2000.
- Phi Kappa Phi Honor Society, 1999.
- Ranked 52nd out of 1,070,000 students in National University Entrance Exam in Turkey, 1993.
- Competed in European High School Mathematics Olympics in Athens, Greece, 1992.
- Ranked in the Top 5 % of the Universal ECIS High School Mathematics Competition, 1992.

## References

1. Dr. Kwei Tang  
Allison and Nancy Schleicher Chair of Management and Associate Dean for  
Programs and Student Services  
Krannert Graduate School of Management, Purdue University  
125 Krannert Building  
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2. Dr. Sharafali Moosa  
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4. Dr. Sunantha Teyarachakul  
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