

EREN H. ÇETİNKAYA

Industrial & Operations Engineering Department
University of Michigan
1205 Beal Avenue
Ann Arbor, MI 48109-2117

Telephone: (734) 709-1486
Fax: (734) 764-3451
e-mail: erencet@bus.umich.edu
www-personal.umich.edu/~erencet

EDUCATION

- 2004 - **UNIVERSITY OF MICHIGAN** **Ann Arbor, MI**
Stephen M. Ross School of Business and College of Engineering
PhD Candidate, GPA: 4.0/4.0, Expected degree: April 2010
- Dual Degree Program in Operations & Management Science and Industrial & Operations Engineering
 - *Dissertation Topic*: Essays on Dynamic Inventory & Capacity Management
- 2004 - 2005 **College of Engineering**
MSE in Industrial & Operations Engineering, GPA: 4.0/4.0, December 2005
- Emphasis on Supply Chain Management and Inventory Theory
- 2000 - 2004 **MIDDLE EAST TECHNICAL UNIVERSITY** **Ankara, Turkey**
Faculty of Engineering
Bachelor of Science in Industrial Engineering, GPA: 3.8/4.0, June 2004
- Exchange student, Industrial Engineering & Operations Research Department, University of California, Berkeley, GPA: 3.9/4.0, 2002 - 2003

HONORS AND AWARDS

- Doctoral Fellowship, Ross School of Business, University of Michigan, 2005 to current
- Departmental Fellowship, Industrial & Operations Engineering Department, University of Michigan, 2004 to current
- Ranked 4th (among 105) at BS graduation
- Selected Education Abroad Program Student and awarded full tuition scholarship, University of California, Berkeley, CA (2002 - 2003)
- Selected Dean's Honor List student (2000 - 2004)
- Ranked top 0.02% among 1.6M in nationwide university entrance exam (2000)

RESEARCH INTERESTS

- Supply chain management
- Capacity investments under competitive environments
- Inventory management
- Large-scale optimization and applications

ACADEMIC EXPERIENCE

UNIVERSITY OF MICHIGAN

Ann Arbor, MI

Department of Industrial and Operations Engineering

May 2005 -

Research Assistant

September 2005 -

Graduate Student Instructor

- IOE 440 Operations Analysis & Management (Fall 2006, Fall 2008)
- IOE 425 Manufacturing Strategies (Fall 2007)
- IOE 441 Production and Inventory Control (Fall 2005)

January 2006 -

Stephen M. Ross School of Business

Graduate Student Instructor

- OMS 301 Business Statistics (Winter 2006)

MIDDLE EAST TECHNICAL UNIVERSITY

Ankara, Turkey

Department of Industrial Engineering

2003 - 2004

Teaching Assistant

- IE 362 Operational Research (Spring 2004)
- IE 365 Engineering Statistics (Fall 2003)

PROFESSIONAL EXPERIENCE

Summer 2003

Siemens AG

Istanbul, Turkey

Summer Intern, Medical Solutions

- Developed decision support system for service engineers assignment and tracking
- Carried out performance assessment and evaluation tasks and redefined work orders in CRM project

Summer 2002

Tepe Furniture Company

Ankara, Turkey

Summer Intern, Manufacturing Division

- Led five-member facility layout and manufacturing process redesign team, resulting in cycle time reduction with lower inventory
- Initiated workforce reallocation program, resulting in higher utilization in key work stations

PROJECT EXPERIENCE

October 2003 -

Tat Konserve Sanayi, AS

Istanbul, Turkey

May 2004

Distribution System Design Project

- Led six-member project team to identify the inherent problems of a leading food products manufacturer's daily distribution system
- Designed an algorithm to solve a vehicle routing problem in 500+ demand points, with time and capacity constraints
- Designed a Decision Support System with a user-friendly interface to implement the vehicle routing algorithm

October 2003 -

Turkish Maternity and Family Planning Association

Ankara, Turkey

February 2004

Management Information System Development Project

- Participated in a four-member project team in conceptual and software design of a Management Information and Decision Support Systems

SELECTED GRADUATE COURSEWORK

- **Operations Management**

Supply Chain Management
Network Design & Optimization
Revenue Management
Procurement
Scheduling
Inventory Control & Analysis

Vlad Babich
Amitabh Sinha
Hyun-Soo Ahn
Damian Beil
Julius Atlason
Goker Aydin

- **Economics**

Producer Theory, Consumer Theory, Decision Theory
Game Theory
Partial and General Equilibrium
Incentives and Welfare
Stochastic Dynamic Optimization in Economics
Econometric Analysis

Scott Page
Tilman Borgers
Yusufcan Masatlioglu
Emre Ozdenoren
Itzhak Zilcha
Lutz Kilian

- **Operations Research and Stochastic Processes**

Linear Programming
Dynamic Programming
Integer Programming
Nonlinear Programming
Stochastic Processes
Queuing Networks
Bayesian Decision Analysis

Katta Murty
Robert L. Smith
Marina Epelman
Marina Epelman
Robert L. Smith
Mark Van Oyen
Stephen Pollock

AFFILIATIONS

INFORMS

COMPUTER SKILLS

MATLAB, C / C++, AMPL, GAMS, MS Office, MS Project, Minitab, SIGMA/SIMAN

ADDITIONAL

- Performed electric guitar for 12 years, founded amateur music group
- Avid basketball player, captain of regional Champion and National Championship semi-finalist High School Team, participant in EuroBasket 2001 organization team
- Licensed soccer official in UC Berkeley, Intramural Soccer Tournament (2002-2003)
- Interests include traveling, tennis and motor sports