

Hoda Atef Yekta

Operations and Information Management
School of Business, University of Connecticut

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EDUCATION

School of Business, University of Connecticut (UConn), Storrs, CT 2018 (Expected)
Ph.D., Operations and Information Management (GPA: 3.94/4.0)
Dissertation: “Optimization Tools for Mechanism Design: Essays on Course Allocation, Team Formation, and Peer to Peer Lending Markets”
Committee Members: David Bergman, Robert Day (major advisor), Ram Gopal, Mikhael Shor

Sharif University of Technology, Tehran, Iran 2008
M.S., Industrial Engineering
Thesis: Echelon Inventory Model with Backlogging and Non-Deterministic Parameters with Heuristic Solution for Supply Chain Management

Tehran Polytechnic University, Tehran, Iran 2006
B.S., Industrial Engineering

PROFESSIONAL EXPERIENCE

Visiting Faculty, Aug 2017- May 2018
Operations and Industrial Engineering, Foisie Business School, Worcester Polytechnic Institute (WPI), Worcester, MA

Instructor, Aug 2013- May 2017
Operations and Information Management, School of Business, University of Connecticut (UConn), Storrs, CT

Instructor, Aug 2009- May 2011
Industrial Engineering Department, Ershad University, Tehran, Iran

RESEARCH INTERESTS

Operations Research, Operations Management, Mechanism Design, Information Systems in Economics, Business Decision Analysis, Supply Chain Management, and Algorithm Development and Analysis

TEACHING INTERESTS

Operations Management, Supply Chain Management, Predictive Analysis, Applied Econometrics and Statistics, Business Analytics, and Statistical Quality Control

RESEARCH PAPERS

Atef Yekta, H., Day, R., “Optimization-based Mechanisms for the Course Allocation Problem”, Conditional Acceptance in *INFORMS Journal on Computing*.

Atef Yekta, H., Bergman, D., Day, R., “On Finding Stable and Efficient Solutions for The Constrained Coalition Formation Problem”, Anticipated Submission December 2017 in *Management Science*.

Atef Yekta, H., Gopal, R., Day, R., “Market Design to Optimizing Project Funding in the Peer to Peer Lending Markets”. Work in Progress in preparation for submission in *Information System Research*.

Atef Yekta, H., Shor, M., “Strategic Behavior in Many-to-Many Matching Markets, A Laboratory Experiment”. Work in Progress, in preparation for submission in *Marketing Science*.

HONORS AND AWARDS

Center for International Business Education & Research (CIBER) Dissertation Fellowship Award	2017
OPIM Department Graduate Teaching Award	2016
Women in OR/MS Travel Award	2016
OPIM Department Outstanding PhD Student Scholar Award	2012, 2015
OPIM Department Summer Pre-Doctoral Fellowship	2014
UConn Pre-Doctoral Fellowship	2012, 2013, 2014
UConn School of Business Fellowship Award	2011
Ranked 12 th among 2000 students in the Nationwide Graduate Degree Entrance Exam of Iranian Universities in Industrial Engineering	2006

INVITED CONFERENCE PRESENTATIONS

“Market Design in the Peer-to-Peer Lending Markets”, DSI Annual Meeting, Washington, DC	2017
“On Finding Stable and Efficient Solutions for the Constrained Coalition Formation Problem”, INFORMS Annual Conference, Houston, TX	2017
“Optimization in the Team Formation”, POMS Annual Conference, Seattle, WA	2017
“Stability and Efficiency in the Team Formation”, INFORMS Annual Conference, Nashville, TN	2016
“Incentives in the Course Allocation Problem”, INFORMS Annual Conference, Philadelphia, PA	2015

“New Algorithms for Fairness and Efficiency in the Course Allocation Problem”, INFORMS Annual Conference, San Francisco, CA 2014

POSTER PRESENTATIONS

Atef Yekta, H., Bergman, D., Day, R., “On Finding Stable and Efficient Solutions for the Team Formation Problem”, Mixed Integer Programing Workshop, Montreal, Canada. 2017

Atef Yekta, H., Day, R., “Optimization-based Mechanisms for the Course Allocation Problem”, Workshop on Mechanism Design for Social Goods, Cambridge, MA 2017

Atef Yekta, H., Ahangari, H., Atef Yekta, H., “The Effect of Urban Form and Location on Customer Satisfaction”. INFORMS Annual Meeting, Philadelphia, PA 2015

Ahangari, H., Garrick, N.W., Atef Yekta, H., “Assessment of capacity and stability in national sustainable transport”, INFORMS Annual Meeting, San Francisco, CA 2014

“Improving the Fairness in Bidding Point Mechanism for the Course Allocation Problem”, INFORMS Annual Meeting, Minneapolis, MN 2013

Atef Yekta, H., Akbari, M.R., “Echelon Inventory Model with Fuzzy Approach and Heuristic Solution for Supply Chain Management”, INFORMS Annual Meeting, Phoenix, AZ 2012

TEACHING EXPERIENCE

Instructor

Foisie Business School, Worcester Polytechnic Institute (WPI), Worcester, MA

- OIE 554: Global Operations Strategy
 - Graduate 3-credit course Fall 2017
- OIE3420: Quality Planning, Design and Control
 - Undergraduate 3-credit course Fall 2017
- BUS2080: Data Analysis for Decision Making
 - Undergraduate 3-credit course required for all School of Business majors Spring 2018
- OIE 3405: Work Systems and Facilities Planning
 - Undergraduate 3-credit course Spring 2018

School of Business, University of Connecticut (UConn), Storrs, CT

- OPIM 3104: Operations Management - Instructor
 - Undergraduate 3-credit course required for all School of Business majors.
Spring 2017 (108 students) 4.0/5*, Spring 2016 (124 students) 4.0/5*, Summer 2015 (15 students) 4.0/5*, Summer 2014 (31 students) 3.5/5*, Summer 2013 (29 students) 4.0/5*
* *Teaching Evaluations (median)*

- BADM 3001: Mobile Computing Lab - Instructor and Coordinator Fall 2013, Spring 2014
 - Undergraduate 1-credit 4-week course repeated three times in each semester
 - Responsible for redesigning the course materials and course website, and coordinating course instructors for over 200 students per each semester

Industrial Engineering Department, Ershad University, Tehran, Iran

- Production Planning and Inventory Control - Instructor Fall 2009 - Spring 2011
- Statistical Quality Control - Instructor Fall 2009

OTHER PROFESSIONAL EXPERIENCE

Graduate Researcher 2009 –2011
Tehran Polytechnic University, Tehran, Iran

Projects Include

- Inventory Routing Problem for Delivery of Relief Aids in Disaster Conditions
- Vendor Managed Inventory problem with non-deterministic demand and backorder cost
- Defining a new Cluster Validity Index for Fuzzy Clustering of Fuzzy Numbers
- Evaluation of Different Methods for Reducing the Data Dimensions with Neural Network

Senior Engineer and Project Manager 2009
Solico Food Processing Group- Kalleh Dairy Company, Tehran, Iran

Member of Integration and Research Project Team 2007
Joint project between “Bank of Industry and Mine” and “Sharif University of Technology.”
Project title: “Assessing the Essential Quantification, Skills and Personal Characteristics for Professional Experts.”

Assistant Project Manager 2005 - 2006
Raydana Engineering Company
Raydana Engineering Company is involved in developing enterprise software and providing enterprise information system consulting services. Raydana products are: Cyber ERP, Cyber Portal, Cyber LMS and Cyber KMS.

PROFESSIONAL ACTIVITIES

Reviewer for Conferences:

- Conference on Information Systems & Technology (CIST)
- Decision Science Institute (DSI)

LIST OF REFERENCES

Robert Day, Ph.D.

Associate Professor,

Operations and Information Management Department, School of Business, University of Connecticut

Phone: (860) 486-5293 E-mail: Robert.Day@uconn.edu

Ram Gopal, Ph.D.

Professor, Department Head

Operations and Information Management Department, School of Business, University of Connecticut

Phone: (860) 486-2408 E-mail: rgopal@business.uconn.edu

Mike Shor, Ph.D.

Associate Professor,

Department of Economics, University of Connecticut

Phone: (860) 617-4088 E-mail: Mike.Shor@uconn.edu

David Bergman, Ph.D.

Assistant Professor,

Operations and Information Management Department, School of Business, University of Connecticut

Phone: (914) 473-6100 E-mail: David.Bergman@business.uconn.edu

Amy Zeng, Ph.D.

Professor and Assistant Dean,

Interim Department Head for Operations and Industrial Engineering, Foisie Business School, Worcester Polytechnic Institute

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