

Solmaz Abbaspour

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sabbaspoursa@umass.edu

Google Scholar Profile

EDUCATION

Ph.D. in Operations and Information Management

Isenberg School of Management, UMass Amherst

Advisor: Professor Senay Solak

2023 - Present

Amherst, MA

M.Sc. in Industrial Engineering

Sharif University of Technology

2016 - 2019

Tehran, Iran

B.Sc. in Industrial Engineering

Noshirvani University of Technology

2011 - 2015

Babol, Iran

RESEARCH

Journal Papers

1. **Solmaz Abbaspour**, Amir Aghsami, Fariborz Julai, Maziyar Yazdani (2022). An integrated queueing-inventory-vehicle-routing problem in a green dual-channel supply chain considering pricing and delivery time period. *Published in Journal of Computational Design and Engineering — Oxford Academic* (<https://doi.org/10.1093/jcde/qwac089>).
2. Sina Abbasi, **Solmaz Abbaspour**, Mohammad Eskandari, Mohammad Yousefi, Peiman Ghasemi. Supply Chain Network Design Concerning Economy and Environmental Sustainability: Crisis Perspective. *Published in Journal of Results in Engineering* (<https://doi.org/10.1016/j.rineng.2024.102291>).

Working Papers

1. **Solmaz Abbaspour**, Senay Solak, Wei Wei. Equitable supply-demand balancing: Tailoring equitable incentive allocation in demand response in power grid. Manuscript under preparation.
2. **Solmaz Abbaspour**, Senay Solak. Optimal Budget Allocation between Outreach and Incentives in an EV Managed Charging Program. Manuscript under preparation.

Refereed Conference Proceedings

1. **Solmaz Abbaspour**, Omid Fatahi-Valili. A novel service selection in cloud manufacturing system considering uncertainty and strategic perspective. *Proceedings of the 16th Iranian International Industrial Engineering Conference, 2019, Tehran, IRAN*

TEACHING EXPERIENCES

1. Business Data Analysis (OIM 240). Fall 2026
2. Business Data Analysis (OIM 240). Spring 2026

ACADEMIC PRESENTATIONS

1. A Novel Service Selection in Cloud Manufacturing System Considering Uncertainty and Strategic Perspective.
 - 16th Iranian International Industrial Engineering Conference, Iran 2019
2. Equitable Supply-Demand Balancing: Tailoring Equitable Incentive Allocation in Demand Response programs in Power Grid.
 - Energy Transition Symposium (Poster Session), UMass Amherst 2023
 - INFORMS Annual Conference, Seattle 2024
 - Early-Career Sustainable Operations Management Workshop (Flash Talk), Boulder 2025
 - 35th POMS Annual Conference, Atlanta 2025
 - 36th POMS Annual Conference, Reno 2026

PROFESSIONAL SERVICE

1. Session Chairs.
 - POMS (Atlanta) "Sustainable Operations Management" 2025
2. Conference/workshop volunteer.
 - Event logistics support, Food Waste Workshop, UMass Amherst 2025

PROFESSIONAL ASSOCIATIONS

1. Women in Operations Research and Management Science (WORMS)
 - Student Liaison 2024-present
2. INFORMS Student Chapter, UMass Amherst
 - Secretary 2025-present
3. The Energy Transition Institute (ELEVATE), UMass Amherst
 - Affiliate 2025-present

PROFESSIONAL EXPERIENCE

Strategic Planner at Kourosh Food Industry.	<i>2022- 2023</i>
Research Fellow at University of Tehran.	<i>2020- 2022</i>
System Analyst at System Group Company.	<i>2019- 2020</i>
System Analyst at ASD Company.	<i>2016</i>
Internship at Maintenance Department at Wood and Paper Industry.	<i>2015</i>

HONORS AND AWARDS

OIM Elevate Scholarship.	<i>2026</i>
Early-Stage Doctoral Student Award, 35th POMS Annual Conference.	<i>2025</i>
Ranked 40th in nationwide graduate school entrance exam among 10,355 participants.	<i>2016</i>
Ranked top 1 percent in nationwide college entrance exam among 384,000 participants.	<i>2011</i>
Recognized as exceptional talent by National Organization for Exceptional Talents.	<i>2003-2011</i>