



# Sarem Deilami Moezi

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<https://scholar.google.com/citations?hl=en&user=6ADHGRIAAAAJ>

## Education

- 2014-Present **PhD** student in Analytics for Economics and Business (AEB).  
Receiving a full scholarship for 3-year PhD study at University of Bergamo and Brescia (Jointly PhD program).  
**Thesis title:** Optimization Models in Logistics.  
**Supervisor:** Prof. Luca Bertazzi, **Advisor:** Prof. Francesca Maggioni.  
**Courses highlights:**

Measure Theory	Microeconomics	Probability
Inference	Data Analysis	Convex Analysis and Optimization
Linear Programming	Econometrics	Discrete Optimization and Algorithms
Non-Linear Optimization	Stochastic Optimization	Game Theory
Finite Termination Algorithms for Linear Algebraic System	Optimal and heuristic algorithms for NP-hard problems	

- 2007-2010 **M.Sc.** in Industrial Management, Kar Higher Education Institute, Qazvin, Iran.  
**Thesis title:** Using Vendor Managed Inventory technique and its impact on Supply Chain and its strategic comparison with traditional inventory control by using Genetic Algorithm under EPQ structure.  
**Supervisor:** Prof. Seyed Hamid Reza Pasandideh, **Advisor:** Prof. Akbar Alem Tabriz.
- 2002-2006 **B.Sc.** in Industrial Eng., Islamic Azad University of Karaj, Karaj, Iran.

## Research Interests

- Supply Chain Optimization
- Inventory Control & Management
- Stochastic Optimization

## Publications and Presentations

### Present Projects

- Deilami Moezi, Sarem;** Bertazzi, Luca; Maggioni, Francesca; "A Multi-Modal Single Link Shipping Problem with Given Frequencies and Lead Times", Current state: to be submitted.
- Deilami Moezi, Sarem;** Bertazzi, Luca; Maggioni, Francesca; "A Vendor-Managed Inventory multi-product EPQ model with constrained space", Current state: to be submitted.
- Deilami Moezi, Sarem;** Bertazzi, Luca; Maggioni, Francesca; "Minimizing Earliness and Tardiness Penalties in a Single Machine Scheduling Problem", Current state: to be submitted.
- Deilami Moezi, Sarem;** Saiedy, Hesam; *Future Studies*, Current state: in progress to submit to Lambert Academic Publishing.

## Books

- **Deilami Moezi, S;** Saiedy, H; *Industrial Systems Design*, Sarafrazan Alborz Publication: Alborz, Karaj, Iran. ISBN: 978-600-7349-85-4, 2014. (in Persian)
- **Deilami Moezi, S;** *Time & Motion Study*, Sarafrazan Alborz Publication: Alborz, Karaj, Iran. ISBN: 978-600-7349-74-8, 2014. (in Persian)
- **Deilami Moezi, S;** *Work Measurement & Methods Study*, Sarafrazan Alborz Publication: Alborz, Karaj, Iran. ISBN: 978-600-7349-75-5, 2014. (in Persian)
- Rigby, Rhymer; 28 *Business Thinkers Who Changed The World*, Translating & Editing by: Saiedy, H; **Deilami Moezi, S**, Jahan Farda Publication: Tehran, Iran. ISBN: 978-600-217-028-8, 2013. (in Persian)
- **Deilami Moezi, S;** *Labor Relations System in Organization (Industrial Relations)*, Sarafrazan Alborz Publication: Alborz, Karaj, Iran. ISBN: 978-600-7264-92-8, 2013. (in Persian)

## Journal Papers

- Saiedy, H; **Deilami Moezi, S;** Ghasemi, S; Maleki, V; (2014), "Application of Genetic Algorithm in Solving Batch Production Scheduling Problems of Perishable Products", *International Journal of Current Life Sciences*, Vol.4, No.9, pp. 6358-6362.
- Moghadam, M. B; **Deilami Moezi, S;** Saiedy, H; Ghasemi, S; Maleki, V; (2014), "Optimization of VMI with Multi-Product and Multi-Constraint by Using GA under EPQ", *Asian Journal of Research in Marketing*, Vol.4, No.3, pp. 37-58.
- Aryanezhad, M.B; **Deilami Moezi, S;** Saiedy, H; (2012), "A genetic algorithm to optimize a multi-product EOQ model with limited warehouse-space and capital limitation under VMI", *International Journal of Management Perspective*, Vol.1, No.1, pp. 31-35.
- Saiedy, H; **Deilami Moezi, S;** Noruzi, M; (2011), "Modeling of capacitated single allocation hub location problems with n-hub center". *Journal of Scientific & Industrial Research*, Vol. 70, pp. 20-24.
- Alem Tabriz, A; Saiedy, H; **Deilami Moezi, S;** (2011), "Using Composited Approach of DEA and AHP for Efficiency Evaluation Faculties of Shahid Beheshti University", *Journal of Management Research*, Vol.23, No.89, pp. 25-36. (in Persian)

## Conference Papers

- Saiedy, H; **Deilami Moezi, S;** Mollashakouri, M; Ghasemi, S; Pour-Mohammadi, R; Chehrepak, E; (2014), "Using Genetic Algorithm for Single Machine Scheduling with Earliness/Tardiness Penalties and Setup Cost". Presented in 10th International Industrial Engineering Conference, January 27-28, Tehran University, Tehran, Iran.
- Saiedy, H; **Deilami Moezi, S;** Alem Tabriz, A; Nayeibi, Mohammad A; Rastegar Azizi, L; (2013), " Exploring Effects of Emotional Intelligence in the Workplace: Case Study in Export Import Companies". Presented in 9th International Industrial Engineering Conference, January 20-21, K.N.T University of Technology, Tehran, Iran.
- **Deilami Moezi, S;** Saiedy, H; Mirhosseini, S.S; (2012), "Optimizing a multi-product and multi-supplier EPQ model with space constraint, budget limitation, imperfect items and rework by genetic algorithm". Presented in 11th International Conference of Quality Managers, January 17-18, Tehran, Iran.
- Saiedy, H; **Deilami Moezi, S;** (2012), "To Minimize Tardiness of Sub-processes in Project by INLP Model and HS Algorithm", Presented in 7th International Project Management Conference, January 4-5, Tehran, Iran.
- Saiedy, H; **Deilami Moezi, S;** Naghdali, R; Peiravi, M.M; (2011), "Solving the hub-and-spoke problems with application in the marine transportation system". Presented in 13th Marine Industries Conference, November 8-11, Kish Island, Iran.
- **Deilami Moezi, S;** Saiedy, H; Alem Tabriz, A; (2010), "VMI benefits in a multi-products two-echelon system with space restrictions under GA approach". Presented in 7th International Industrial Engineering Conference, October 6-7, Isfahan University of Technology, Iran. (Honored & Awarded paper, among the best papers selected to be published).

## Research and Conducted Projects

Current Research	<ul style="list-style-type: none"> <li>* Research on "The Multi-Modal Single Link Shipping Problem with Given Frequencies", (2016 till present), also a paper is preparing based on this research in order to be submitted.</li> <li>* Research on "Minimizing Earliness and Tardiness Penalties for Single Machine Scheduling Using Tabu Search Method and Integer Nonlinear Programming Model", (2017 till present), also a paper is being prepared based on this research in order to be submitted.</li> </ul>
Previous Research	<ul style="list-style-type: none"> <li>* Research on "Organization Structure Design", Renovation Organization of Tehran, 2010-2011 (under the supervision of Prof. Zand Hesami).</li> <li>* Research on "Organization Diagnostic", Iran Shipping Organization, 2010-2011 (under the supervision of Prof. Zand Hesami).</li> </ul>

## Teaching Experiences

- 2013-2015 Lecturer in management department of Payame Noor University of Alborz University, Hashtgerd branch, Iran.

### Courses highlights:

Work assessment	Industrial relations	Efficiency and analysis in industry
Fundamentals of industrial management	Repair and maintenance planning	Systems of purchase, store keeping and distribution

- 2009-2010 Teaching assistant in Inventory Control course at Kar Higher Educational Institute, Qazvin, Iran.

## Work Experiences

- 2012-2013 Work as a full-time Industrial Engineer (Production Manager) at Pars Laneh Co.
- 2009-2010 Work as a part-time Industrial Engineer at Cheshmandaz Sobh Toseeh Co.
- 2004-2005 Work as an Intern in various factories and companies like Tehran oil refinery, Iran Khodro Co. Shahin Khodro Co.

## Honors and Awards

- Full scholarship for PhD study at University of Bergamo and Brescia.
- Award from Young Researchers Club (YRC), Islamic Azad University, Central Tehran Branch for performing various effective research, (2012-2015).
- Honorable Note bestowed by the Head of 10th international Industrial Engineering Conference, Tehran University, Tehran, Iran, 2014.
- Award from Kar Higher Educational Institute for performing various effective research, (2010-2012).
- Honorable Note bestowed by the Head of 7th international Industrial Engineering Conference, Isfahan University of Technology, Isfahan, Iran, 2010.

## Grants

- Full scholarship for PhD study at University of Bergamo and Brescia.
- Full Grant for Bolzano Risk School 2015 in Bolzano, Italy.
- Full Grant for PhD Winter School 2017 (Stochastic programming with applications in energy, logistics and finance) in Passo del Tonale, Italy.
- Full Grant for First AIRO Young Workshop 2017 (Emerging Optimization Problems on Complex Networks) in Rome, Italy.
- Full Grant for Conference on Computational Management Science (CMS2017) in Bergamo, Italy.
- Full Grant for annual workshop of the EURO working group on Vehicle Routing and Logistics Optimization (VeRoLog 2017) in Amsterdam, Netherlands.
- Full Grant for Conference on Optimization and Decision Science (ODS 2017) in Sorrento, Italy.

## Computer Skills

<b>Lindo</b>	<i>Advanced</i>	<b>Matlab</b>	<i>Basic</i>
<b>Lingo</b>	<i>Advanced</i>	<b>Arena</b>	<i>Basic</i>
<b>WinQSB</b>	<i>Advanced</i>	<b>M.S. Project</b>	<i>Basic</i>
<b>Gams</b>	<i>Advanced</i>	<b>R</b>	<i>Basic</i>
<b>LaTeX</b>	<i>Advanced</i>	<b>Java</b>	<i>Basic</i>
<b>M.S. office</b>	<i>Advanced</i>	<b>Ampl</b>	<i>Basic</i>

## Professional Memberships and Synergistic Activities

- 2017 **Student volunteer** in organizing committee in CMS2017, Bergamo, Italy.
- 2017-Present **Member**, AIRO Young Researchers.
- 2017-Present **Member**, Erasmus Student Network (ESN).
- 2012-Present **Member**, Young Researchers Club (YRC).
- 2010-2012 **Member**, Iranian Institute of Industrial Engineering (IIIE).
- 2004-2005 **Member**, International Student Identity Card (ISIC).

## Language Proficiency

**Persian:** *Mother Tongue*  
**English:** *(B2)*  
**Italian:** *(B1)*  
**Arabic:** *(A1)*