



Sarem Deilami Moezi

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

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).

Courses highlights:

Measure Theory	Microeconomic	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: Dr. Seyed Hamid Reza Pasandideh, **Advisor:** Prof. Akbar Alem Tabriz.
- 2002-2006 **B.Sc.** in Industrial Eng., Islamic Azad University of Karaj, Karaj, Iran.
- 1997-2001 **Diploma** in Mathematics and Physics, Dehkhoda High School, One of the high quality Iranian high schools for development of exceptional talents, Karaj, Iran.

Research Interests

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

Publications and Presentations

Books

- **Deilami Moezi, Sarem**; Saiedy, Hesam; *Industrial Systems Design*, Sarafrazan Alborz Publication: Alborz, Karaj, Iran. ISBN: 978-600-7349-85-4, 2014. (in Persian)
- **Deilami Moezi, Sarem**; *Time & Motion Study*, Sarafrazan Alborz Publication: Alborz, Karaj, Iran. ISBN: 978-600-7349-74-8, 2014. (in Persian)
- **Deilami Moezi, Sarem**; *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, Hesam; **Deilami Moezi, Sarem**, Jahan Farda Publication: Tehran, Iran. ISBN: 978-600-217-028-8, 2013. (in Persian)
- **Deilami Moezi, Sarem**; *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, Hesam; **Deilami Moezi, Sarem**; Ghasemi, Saeed; Maleki, Vahid; (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. (citation: 5)
- Saiedy, Hesam; **Deilami Moezi, Sarem**; Ghasemi, Saeed; Mirhosseini, Seyedeh Sameieh; "Meta-heuristic solution of vehicle routing problems with warehouse and setup costs in comparison with LINGO and CPLEX". *International Journal of Advanced Manufacturing Technology*. (Major) revisions requested. Revision submitted.
- Saiedy, Hesam; **Deilami Moezi, Sarem**; Noruzi, Mahshad; (2011), "Modeling of capacitated single allocation hub location problems with n-hub center". *Journal of Scientific & Industrial Research*, Vol. 70, pp. 20-24. (citation: 1)
- Alem Tabriz, Akbar; Saiedy, Hesam; **Deilami Moezi, Sarem**; (2011), "Using Composed 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, Hesam; **Deilami Moezi, Sarem**; Mollashakouri, Masoumeh; Ghasemi, Saeed; Pour-Mohammadi, Reza; Chehrepak, Elahe; (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, Hesam; **Deilami Moezi, Sarem**; Alem Tabriz, Akbar; Nayebi, Mohammad Amin; Rastegar Azizi, Leila; (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, Sarem**; Saiedy, Hesam; Mirhosseyni, Seyedeh Sameieh; (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, Hesam; **Deilami Moezi, Sarem**; (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, Hesam; **Deilami Moezi, Sarem**; Naghdali, Rahim; Peiravi, Mohammad Mahdi; (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, Sarem**; Saiedy, Hesam; Alem Tabriz, Akbar; (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).
- Pour-Mohammadi Roodsari, Reza; Saiedy, Hesam; **Deilami Moezi, Sarem**; Ghasemi, Saeed; Maleki, Vahid; (2014), "**Supplier selection using a combined approach of linear programming and the analytic hierarchy process (Case Study in Iran-Mayeh Company)**". *Presented in 2nd Iranian Accounting & Management Conference*, August 7, Talash Conference Center, Tehran, Iran. (in Persian)
- Saiedy, Hesam; **Deilami Moezi, Sarem**; Ghasemi, Saeed; Pour-Mohammadi, Reza; Hosseini, Bahareh; (2014), "**Content validity ratings in the leadership criterion of EFQM model**". *Presented in Iranian Accounting & Management Conference*, February 13, NRI Conference Center, Tehran, Iran. (in Persian)
- Saiedy, Hesam; **Deilami Moezi, Sarem**; Ghasemi, Saeed; Pour-Mohammadi, Reza; Hosseini, Bahareh; (2014), "**Examine the relationship between management reliability and organizational behaviour**". *Presented in Iranian Accounting & Management Conference*, February 13, NRI Conference Center, Tehran, Iran. (in Persian)

- **Deilami Moezi, Sarem**; Saiedy, Hesam; Ghasemi, Saeed; Alizadeh, Nasim; (2014), "**Using VMI technique for a two-echelon supply chain with limited capital by using GA under EPQ structure**". *Presented in 10th International Industrial Engineering Conference*, January 27-28, Tehran University, Tehran, Iran. (in Persian)
- Seyed Danesh, Seyed Yahia; Alizadeh, Nasim; **Deilami Moezi, Sarem**; (2013), "**A conceptual model of IT business alignment key indicators of success (Case of Oil)**" *Presented in 2nd Petro ICT Conference & Exhibition*, November 26-27, Shahid Beheshti Conference Center, Tehran, Iran. (in Persian)
- **Deilami Moezi, Sarem**; Chiniforush, Hamed; Saiedy, Hesam; Rastegar Azizi, Leila; Kouhi Zhanaghord, Saeed; (2012), "**Green supply chain functions in relation to the operating performance of green supply chain management model**". *Presented in First National Industrial Engineering and Systems Conference*, December 19-20, Islamic Azad University of Najafabad, Isfahan, Iran. (in Persian)
- Jafarnezhad Chaghoushi, Ahmad; **Deilami Moezi, Sarem**; Saiedy, Hesam; Moradi, Bitia; Ebrahimi, Maryam; (2012), "**SAIPA supply chain readiness assessment for implementing VMI system**". *Presented in 5th National & 3rd International Logistics & Supply Chain Conference*, December 16-17, Milad Tower, Tehran, Iran. (in Persian)
- Saiedy, Hesam; Bameni Moghadam, Mohammad; **Deilami Moezi, Sarem**; Ghasemi Jirdehi, Farhad; Javadi, Sonia; (2012), "**Assessment Effective Factors in Time of Steel Production Using DOE in Machine Manufacturing Industry**". *Presented in First International Quality Engineering Conference*, December 3-4, Olympic Hotel, Tehran, Iran. (in Persian)
- Alem Tabriz, Akbar; **Deilami Moezi, Sarem**; Saiedy, Hesam; Ghasemi Jirdehi, Farhad; (2012), "**The impact of Vender-Managed Inventory System on Supply Chain Management under Mathematical Model**". *Presented in 10th International Management Conference*, November 29, Sharif University of Technology, Tehran, Iran. (in Persian)
- **Deilami Moezi, Sarem**; Saiedy, Hesam; (2010), "**A multi-product economic production quantity model for items with space constraint, discrete delivery orders, defective quality and rework under genetic algorithm**". *Presented in 8th International Management Conference*, December 8, Sharif University of Technology, Tehran, Iran. (in Persian)

Research and Conducted Projects

Current Research	<ul style="list-style-type: none"> * 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. * 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 preparing based on this research in order to be submitted.
Previous Research	<ul style="list-style-type: none"> * Research on "Socio Psychological Effects of Shift Workers on Job Satisfaction", Published in Quality Control, an Iranian Monthly Magazine of Management, 2012. * Research on "Crisis and Crisis Management", Published in Quality Control, an Iranian Monthly Magazine of Management, 2012.

- * Research on "Organization Structure Design", Renovation Organization of Tehran, 2010-2011 (under the supervision of Dr. Zand Hesami).
- * Research on "Organization Diagnostic", Iran Shipping Organization, 2010-2011 (under the supervision of Dr. Zand Hesami).
- * Research on "Rights and Consumer Satisfying under Quality View", Published in Quality Control, an Iranian Monthly Magazine of Management, 2011.
- * Research on "Strong Strategy in Inventory Control and Reducing Costs", Published in Management Improvement, an Iranian Monthly Magazine of Management, 2011.
- * Research on "Value Engineering", Published in Quality Control, an Iranian Monthly Magazine of Management, 2011.
- * Research on "Business Process Reengineering", Published in Quality Control, an Iranian Monthly Magazine of Management, 2011.
- * Research on "Government Role in Technology Development", Published in Work and Society, an Iranian Monthly Magazine of Management, 2011.
- * Research on "Identifying Success Critical Factors in Customer Relationship Management", Published in Industrial Engineering Sight, an Iranian Monthly Magazine of Management, 2011.
- * Research on "Knowledge and Knowledge Management implements in realization of Organization Strategies", Published in Industrial Engineering Sight, an Iranian Monthly Magazine of Management, 2010.
- * Studying inventory models especially EOQ/EPQ models (Economic Order/Production Quantity) and presenting a workshop (Kar Higher education Institute, department of Management, November 2009).
- * Expanding EOQ model with some additional constraints in order to make it more realized for production condition, 2008-2010.
- * Studying Genetic Algorithms, their important parameters and their application in Management, 2008-2010.

Teaching Experiences

- 2013-2015 Lecturer in management department of Payame Noor University of Alborz University, Hashtgerd branch, Iran.
- 2009-2010 Teaching assistant in Inventory Control course at Kar Higher Educational Institute, Qazvin, Iran.

Work Experiences

- 2012-2014 Work as a full-time Industrial Engineering (Production Manager) at Pars Laneh Co.
- 2009-2010 Work as a part-time Industrial Engineering 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.
- Awarded by 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.

- Awarded by 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 AIROYoung Workshop (Emerging Optimization Problems on Complex Networks) in Rome, Italy.

Computer Skills

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

Professional Memberships

- 2017-Present **Member**, AIRO Young Researchers.
- 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

Gilaki: *Mother Tongue*

Persian: *Perfect*

English: *Fluent*

Italian: *A2*

Arabic: *Basic*