

Malihehsadat VAEZALAEI

PhD candidate in Industrial Engineering

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Education

- 2018–Now **PhD candidate in Industrial Engineering (Risk and innovation in complex projects)**, *IMT Mines Albi-Carmaux & University of Strasbourg*, France.
- 2017–2018 **Master of science in Knowledge Integration in Mechanical Production (KIMP)**, *Arts et métiers (ENSAM)*, Lille, France. Total GPA 14.7/20.00.
- 2016–2018 **Master of science in Industrial Engineering (Double degree)**, *University of Tehran*, Tehran, Iran. Total GPA 18.43/20.00.
- 2011–2015 **Bachelor of science in Industrial Engineering**, *Islamic Azad University South Tehran Branch*, Tehran, Iran. Total GPA 17.19/20.00.

Educational Projects

Master of Science

- 2018 **Target stock levels (TSL) determination and fill rate optimization for business aircrafts' spare parts**, *Supervisors: BABOLI Armand and GIBARU Olivier*, LIRIS laboratory, National Institute of Applied Sciences (INSA) of Lyon, France.

Bachelor of Science

- 2015 **Evaluating ergonomic factors and its influence on employee's performance in a municipal company**, *Supervisor: AMIN Seyyed-Reza*, Associate Professor in Islamic Azad University South Tehran Branch, Tehran, Iran.

Publications

ISI-JCR Accepted

- 2018 Rabbani Masoud, Sadeghsa Shohre, **Vaez-alaei Maliheh**, Farrokhi-asl Hamed, Robust sustainable full-shipload routing and scheduling by considering variable speed: A real case study, *International Journal of Scientia Iranica*.
- 2018 Rahimi Yaser, Tavakkoli-Moghaddam Reza, Seyed Hossein Iranmanesh, **Vaez-alaei Maliheh**, A novel hybrid approach to construction project risk management with considering simultaneous FMEA/ISO 31000/Evolutionary algorithms: An empirical optimization study, *Journal of Construction Engineering and Management*.

ISI-JCR Submitted

- 2017 **Vaez-alaei Maliheh**, Tavakkoli-Moghaddam Reza, Sadeghsa Shohre, Rahimi Yaser, Jolai Fariborz, Design of a novel full-shipload routing and scheduling problem under uncertainty: An empirical study, *Journal of Computers and Industrial Engineering*.

Conference Accepted

- 2019 **Vaez-alaei Maliheh**, Deniaud Ioana, Marmier François, Gourc Didier, Cowan Robin, A decision-making framework based on knowledge criteria in network partner selection, *The 8th International Conference on Industrial Engineering and Systems Management (IESM)*, Shanghai, China.
- 2018 **Vaez-alaei Maliheh**, Nasim Zandi Atashbar, Baboli Armand, Romy Tonadre, Target stock levels (TSL) and fill rate optimization for worldwide spare parts inventory management: A case study in business aircraft industry, *International Conference on Technology Management, Operations and Decisions (IEEE ICTMOD)*, Marrakech, Morocco.

- 2018 **Vaez-alaei Maliheh**, Baboli Armand, Tavvakoli-Moghaddam Reza, A New Approach to Integrate Resilience Engineering and Business Process Re-Engineering Design, Conference on Industrial Engineering and Engineering Management (IEEM), Bangkok, Thailand.
- 2018 Sadeghsa Shohre, Siadat Ali, Tavakkoli-Moghaddam Reza, **Vaez-alaei Maliheh**, Performance Evaluation with Z-Number Data Envelopment Analysis: A Case Study of a petrochemical plant, Conference on Industrial Engineering and Engineering Management (IEEM), Bangkok, Thailand.
- 2017 Sadeghsa Shohre, Tavakkoli-Moghaddam Reza, **Vaez-alaei Maliheh**, Eskandari Niloofar, Location-inventory-routing-pricing problem with perishable products, 10th International Conference Of Iranian Operation Research Society, Babolsar, Iran.

Skills

Methodological

Operation research, Multi-objective optimization, Dynamic programming, Exact method, Data mining

Software

MATLAB, GAMS, Minitab, SPSS, MSP, VENSIM, ARENA, Primavera, LaTeX and Office software

Languages

English (Advance), French (Basic), Persian (Native language)

Training Courses

- 2011 **New Safety Methods of Storage**, *Scientific Institute of Industrial Engineering*, Islamic Azad University South Tehran Branch, Iran.

Other Educational Experiences

- 2018 **Participating in 3rd Steering Committee of the Project Knowledge Alliance in Air Transport (KAAT)**, Zagreb, Croatia.
- 2017 **Participating and presenting in the 10th International Conference of Iranian Operation Research Society**, Babolsar, Iran.
- 2014 **Teacher assistant in designing of industrial units**, *Supervisor: PARIZADEH Alireza*, Associated professor Islamic Azad University South Tehran Branch, Iran.

Working Experiences

- 2015–2016 **Assistant General Manager**, *BBI (Bar Baran Iran international forwarding and shipping agency)*, Tehran, Iran.
- 2014–2015 **Control Project Agent**, *Persian Sea Systems Consulting Engineering Co.*, Tehran, Iran.

Other Working Experiences

- 2015 **Participating in the 4th Jc-trans Global Freight Forwarding Conference**, Guangzhou, China.

References

COWAN Robin, *Professor of Management Science, BETA laboratory, University of Strasbourg, France, Cowan@unistra.fr.*

DENIAUD Ioana, *Associate Professor and researcher, BETA laboratory, University of Strasbourg, France, deniaud@unistra.fr.*

GOURC Didier, *Professeur and Responsable of GIPSI, Mines Albi, Institute Mines Telecom, Toulouse University, France, didier.gourc@imt-mines-albi.fr.*