

Curriculum Vitae of
Nima Zaerpour

Current Position

- Assistant Professor of Operations and Supply Chain Management, College of Business Administration, California State University San Marcos.

Past Positions

- Assistant Professor of Supply Chain Management (2015), Faculty of Economics and Business Administration, VU University Amsterdam, the Netherlands
- Visiting Scholar (2012), School of Industrial and Systems Engineering, Georgia Institute of Technology, Atlanta, United States
- Visiting Scholar (2011), School of Management, University of Science and Technology of China, Hefei, China

Education

- Ph.D. (2013), Logistics and Operations Management, Rotterdam School of Management, Erasmus University, Rotterdam, the Netherlands
- M.Sc. (2008), Industrial Engineering, University of Tehran, Tehran, Iran
- B.Sc. (2005), Industrial Engineering, Sharif University of Technology, Tehran, Iran

Publications

- Zaerpour, N., Y. Yu, R. de Koster (2016) "Small is Beautiful: A Framework for Evaluating and Optimizing Live-cube Compact Storage Systems". *Transportation Science*, <http://dx.doi.org/10.1287/trsc.2015.0586>.
- Zaerpour, N., Y. Yu, R. de Koster (2015). "Storing Fresh Produce for Fast Retrieval in an Automated Compact Cross-dock System". *Production and Operations Management* 24 (8) 1266–1284.
- Zaerpour, N., Y. Yu, R. de Koster (2013) "Storage Policies and Optimal Shape of a Storage System", *International Journal of Production Research* 51(23-24) 6891-6899.
- De Koster, R., T. Le-Duc, N. Zaerpour (2012) "Determining the Number of Zones in a Pick-and-sort Order Picking System", *International Journal of Production Research* 50(3) 757-771.
- Zaerpour, N., Y. Yu, R. de Koster (2014) "Response Time Analysis of a Live-Cube Compact Storage System with Two Classes", *IIE Transactions* (3rd round of review).
- Zaerpour, N., Y. Yu, R. de Koster (2014) "Optimal Two-class-based Storage in a Live-cube Compact Storage System", *IIE Transactions* (2nd round of review).
- Zaerpour, N., M. Rabbani, A.H. Gharehgozli, R. Tavakkoli-Moghaddam, (2009) "A comprehensive decision making structure for partitioning of Make-To-Order, Make-To-Stock and Hybrid products", *Soft Computing* 13(11) 1035-1054.

- Gharehgozli, A.H., R. Tavakkoli-Moghaddam, N. Zaerpour, (2009) "A fuzzy-mixed-integer goal programming model for a parallel-machine scheduling problem with sequence-dependent setup times and release dates", ***Robotics and Computer-Integrated Manufacturing*** 25(4-5) 853-859.
- Zaerpour, N., M. Rabbani, A.H. Gharehgozli, R. Tavakkoli-Moghaddam (2008) "Make-To-Order or Make-To-Stock decision by a novel hybrid approach", ***Advanced Engineering Informatics*** 22(2) 186-201.
- Gharehgozli, A.H., M. Rabbani, N. Zaerpour, J. Razmi, (2008) "A comprehensive decision making structure for acceptance/rejection of incoming orders in Make-To-Order environments", ***International Journal of Advanced Manufacturing Technology*** 39(9-10) 1016-1032.

Book

- Rabbani, M., A. Bahredar, A.H. Gharehgozli, N. Zaerpour, N. Manavi Zadeh, Productivity Engineering and Management, ISBN: 978-964-2936-22-9, Iranian Association of Railway Transportation Engineering, Tehran 2007, in Persian.

Book chapter

- Rabbani, M., N. M. Zadeh, S. Ghandi & N. Zaerpour "A Memetic Algorithm for the Resource Constrained Project Scheduling Problem", In *Key Factors for Successful Logistics*, Edited by T. Blecker, W. Kersten, and C. Herstatt, 111-122, Erich Schmidt Verlag GmbH & Co., Berlin 2007.

Selected Industry Projects

- **Ahold Europe** (<http://www.ahold.com>): Albert Heijn Regional Warehouse Mechanization; Advisory consultant, evaluating proposals of international material handling solution suppliers and giving advice to the management team.
- **Singapore Port** (<http://www.singaporepsa.com>): Next Generation Container Port Challenge, joint project with Smart Port of Rotterdam and Casanova+Hernandez Architecten, proposing a next generation container terminal, this project has received considerable press attention such as: *De Volkskrant*, & *Cobouw*.
- **Egemin Automation** (<http://www.egemin-automation.com>): Software development for hybrid warehouses and distribution centers, joint project with Catholic University of Leuven, developing a decision support tool (investment and operational cost analysis) for different storage systems.
- **Institute for Advanced Logistics** (<http://www.dinalog.nl>): Cargo Driven Intermodal Transportation (Managing cross-dock operations at the cargo level at container terminals), joint project with Kloosterboer.

Selected International Talks

- Next Generation Container Port, *INFORMS Annual Meeting 2014*- San Francisco, California, November 9-12, 2014.
- Small is Beautiful: a Framework for Evaluating and Optimizing Compact Storage Systems, *INFORMS Annual Meeting 2013*- Minneapolis, Minnesota, October 6-9, 2013.

- Efficient Order Picking in Mobile Robotic Order Fulfillment Systems, *INFORMS Annual Meeting 2012*, Phoenix, Arizona, October 13- 16, 2012.
- Robust Assignment in a Compact Cross-dock System, *23rd Annual POMS Conference*, Chicago, Illinois, April 20-23, 2012.
- Response Time Analysis of a Live-cube Compact Storage System with Two Storage Classes, *INFORMS Annual Meeting 2011*, Charlotte, North Carolina, November 13-16, 2011.
- Optimizing Layout of a Very High Density Storage System, *4th International Conference on Industrial Engineering and System Management*, Metz, France, May 25-27, 2011.
- Optimal Configuration of a Puzzle-based Compact Storage System, *INFORMS Annual Meeting 2010*, Austin, Texas, November 7-10, 2010.
- Optimal Configuration of a Puzzle-based Compact Storage System, *EURO 2010- 24th European Conference on Operational Research*, Lisbon, Portugal, July 11 - 14, 2010.
- Shared Storage Assignment in a Compact Storage System, *EURO 2009- 23rd European Conference on Operational Research*, Bonn, Germany, July 5-8, 2009.
- Shared Storage Assignment in a Compact Storage System, *INFORMS Annual Meeting 2009*, San Diego, California, October 11-14, 2009.
- Shared Storage Assignment in a Compact Storage System, *International Conference on Value Chain Sustainability (ICOVACS 2009)*, Louisville, Kentucky, October 19-21, 2009.
- A Novel Multi-Criteria Decision Making Framework for Production Strategy Adoption Considering Interrelations, *OR 2007 conference*, Saarbrücken, Germany, September 5-7, 2007.

Personal Information

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Service (Journal Referee)

- Operations Research
- Production and Operations Management
- Transportation Science
- Transportation Research-Part E
- International Journal of Production Economics
- International Journal of Production Research
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