

## CURRICULUM VITAE (CV)

1. **Name & Surname:** Önder Bulut
2. **Date of Birth / Place:** September 30, 1977 – Afyon, Turkey
3. **Academic Title:** Asst. Prof. Dr.
4. **Education Level:**

Level	Field	University	Year
PhD	Industrial Engineering	Bilkent University	2010
MSc	Industrial Engineering	Bilkent University	2005
BSc	Industrial Engineering	Bilkent University	2003

### 5. Academic Qualifications

Title	University	Year
Asst. Prof. Dr.	Yaşar University – Industrial Engineering Department, TR	2010-
Research and Teaching Assistant	Bilkent University – Industrial Engineering Department, TR	2003-2010

### 6. Graduate Theses Supervised

#### 6.1 M.S Theses

1. Sinem Özkan. Control of a Multi-server Make-to-Stock Production System with Setup Costs. *ongoing*.
2. Özgün Öztürk. Control Of M/Coxian-2/s Make-to-Stock Production System with Multiple Demand Classes. *ongoing*.
3. Mehmet Ali Ökse. Improving Inventory Management at Garment Industry: A Case Study in Egedeniz Textile. 2015
4. Elvin Eker. Customer Satisfaction Analysis for Pınar Birleşik Pazarlama. 2013

### 7. Publications

#### 7.1 Publications in peer-reviewed international journals cited by SCI-E and SCI

1. Bulut O., M.F. Tasgetiren. 2013. An Artificial Bee Colony Algorithm For the Economic Lot Scheduling Problem. *International Journal of Production Research* , kabul edildi, DOI: 10.1080/00207543.2013.845315
2. Bulut O., M.M. Fadioglu. 2011. Production control and stock rationing for a make-to-stock system with parallel production channels. *IIE Transactions* 43 432-450.
3. Fadioglu M.M., Ö. Bulut. A dynamic rationing policy for continuous-review inventory systems. *European Journal of Operational Research*, vol. 202, pp. 675-685, 2010.
4. Fadioglu M.M., O. Bulut. 2010. An embedded Markov chain approach to stock rationing. *Operations Research Letters*, 38, 510-515.

## Submissions and Working Papers

1. Bulut Ö., S. Özkan. Control of a Multi-server Make-to-Stock Production System with Setup Costs. *Ongoing*.
2. Fadılođlu M.M., Ö. Bulut. An Embedded Markov Chain Approach to Stock Rationing with Batch Orders. *Ongoing*.
3. Erkip N., Ö. Bulut, M.M. Fadılođlu. A Final Phase Inventory problem. *Ongoing*.

## 7.2 Works presented at international conferences and published in proceedings

1. Özkan S., Bulut, O., “Control of a Multi-server Make-to-Stock Production System with Setup Costs”, *EURO 2015, Glasgow , Scotland and APS 2015, İstanbul, Turkey*.
2. Öztürk O., Bulut, O., Büyükdagli Ö., “Control Of M/Coxian-2/s Make-to-Stock Production System with Multiple Demand Classes”, *EURO 2015, Glasgow , Scotland*.
3. Büyükdagli Ö., Bulut, O., Fadılođlu, M.M., “Control Of M/Erlang-k/s Make-to-Stock Production System with Several Demand Classes”, *EURO 2015, Glasgow , Scotland and APS 2015, İstanbul, Turkey*.
4. Bulut O., M.F. Tasgetiren. “An Artificial Bee Colony Algorithm For the Economic Lot Scheduling Problem” *EURO 2013, Rome , Italy*.
5. Tasgetiren, M.F., Bulut, O., Fadılođlu, M.M., “A Discrete Harmony Search Algorithm for the Economic Lot Scheduling Problem with Power of Two Policy”, *The 2012 IEEE World Congress On Computational Intelligence*.
6. Bulut, O., Guldogan, E., “A priority based online berth allocation policy with stochastic arrival and service times”, *ESI 2012 - EURO Summer Institute on Maritime Logistic*
7. Tasgetiren M.F., O. Bulut, M. M. Fadılođlu. A Discrete Artificial Bee Colony Algorithm For the Economic Lot Scheduling Problem. *2011 IEEE Congress on Evolutionary Computation*.
8. Tasgetiren M.F., O. Bulut, Q. Pan, P.N. Suganthan. A Differential Evolution Algorithm For the Median Cycle Problem. *2011 IEEE Symposium Series in Computational Intelligence*.
9. Guldogan E. U, O. Bulut. A Two-level Decision Support System for Supplier Diversification. *COGNITIVE 2011: The Third International Conference on Advanced Cognitive Technologies and Applications*.
10. Tasgetiren M.F., O. Bulut, M. M. Fadılođlu. A Differential Evolution Algorithm For the Economic Lot Scheduling Problem. *2011 IEEE Symposium Series in Computational Intelligence*.
11. Fadılođlu M.M., Ö. Bulut. Control of an M/M/s make-to-stock queue with multiple customer classes and lost sales. *24<sup>th</sup> IFIP TC7 Conference on System Modeling and Optimization*, Buenos Aires, Arjantin, Temmuz 27-31 2009.
12. Fadılođlu M.M., Ö. Bulut. Control of an M/M/s make-to-stock queue with multiple customer classes and lost sales. *MSOM 2009*, Boston, MD, ABD, Haziran 29-30 2009.
13. Bulut Ö., M.M. Fadılođlu. A dynamic rationing policy for continuous-review inventory systems. *INFORMS Annual Meeting 2008*, Washington DC, ABD, Ekim 12-15 2008.
14. Bulut Ö., M.M. Fadılođlu. A dynamic rationing policy for continuous-review inventory systems. *Meeting of the EURO Working Group on Stochastic Modeling*, İstanbul, Türkiye, Haziran 23-25 2008.

15. Fadiloğlu M.M., Ö. Bulut. An embedded Markov chain approach to the analysis of inventory systems with backordering under rationing. *INFORMS Annual Meeting 2006*, Pittsburgh, PA, ABD, Kasım 5-8 2006.

### 7.3 Books and book chapters

1. Bulut, O. Continuous Time Control of Make-to-Stock Production Systems. *VDM Verlag Dr. Müller, ISBN: 978-3-639-37523-7*, 2011.
2. Bulut O, M. F. Tasgetiren, M. M. Fadiloğlu. A Genetic Algorithm For the Economic Lot Scheduling Problem Under Extended Basic Period Approach and Power-of-Two Policy. *2011 International Conference on Intelligent Computing. Lecture Notes in Computer Science Series, Springer Verlag, volume 6839*.
3. Guldogan E. U, O. Bulut , M. F. Tasgetiren. A Dynamic Berth Allocation Problem with Priority Considerations under Stochastic Nature. *2011 International Conference on Intelligent Computing. Lecture Notes in Computer Science Series, Springer Verlag, volume 6839*.

### 7.4 Works presented at national conferences and published in proceedings

1. Bulut Ö., M.F. Taşgetiren, Ö. Büyükdağlı. Sıra-Bağımlı Hazırlık Zaman ve Maliyet Yapılı Ekonomik Parti Çizelgeleme Problemi. *12.Üretim Araştırmaları Sempozyumu-ÜAS12*, İzmir, Turkey, 27-28 September 2012.
2. Bulut Ö., M.M. Fadiloğlu. Stoğa-Üretim Sistemlerinin Sürekli Zamanda Kontrolü. *YA/EM 2010 Ulusal Kongresi*, İstanbul, Turkey, June 30-July 2 2010.
3. Bulut Ö., M.M. Fadiloğlu. Paralel Üretim Kanallarına Sahip Stoğa-Üretim Sistemlerinde Üretim ve Stok Tayınlama Kontrolü. *YA/EM 2009 Doktora Öğrencileri Kolokyumu*, Ankara, Turkey, November 20-21 2009.
4. Bulut Ö., M.M. Fadiloğlu. Paralel Üretim Kanallarına Sahip Stoğa-Üretim Sistemlerinde Üretim ve Stok Tayınlama Kontrolü. *YA/EM 2009 Ulusal Kongresi* , Ankara, Turkey, June 22-24 2009.
5. Bulut Ö., M.M. Fadiloğlu. Devingen Bir Stok Tayınlama Politikası. *YA/EM 2007 Doktora Öğrencileri Kolokyumu*, İstanbul, Turkey, November 23-24 2007.
6. Bulut Ö., M.M. Fadiloğlu. Devingen Bir Stok Tayınlama Politikası. *YA/EM 2007 Ulusal Kongresi*, İzmir, Turkey, July 2-4 2007.
7. Bulut Ö., M.M. Fadiloğlu. Daha İyi Stok Tayınlama Politikaları Üzerine. *YA/EM 2005 Ulusal Kongresi*, İstanbul, Turkey, July 4-6 2005

## 8. Projects

1. “Control of Make-to-Stock Production Systems”, funded by *TÜBİTAK- The Scientific and Technological Research Council of Turkey*, ongoing.
2. “Demand Forecasting at DYO Inks”, with Assoc. Prof. M.Murat Fadiloğlu and R.A. Özge Büyükdağlı, funded by *DYO Inks*, İzmir, Turkey, 2013-2014.
3. “Assignment and Scheduling at DYO Paint”, with Assoc. Prof. M.Fatih Tasgetiren and R.A. Damla Kızılay, funded by *Ministry of Science, Industry and Technology*, Turkey, 2012-2014 .

4. "Spare Parts Inventory Control at Tofas", with Prof. Nesim Erkip and Asst. Prof. M.M Fadiloğlu, funded by *FIAT-TOFAS*, 2008-2009.

## 9. Administrative and Academic Duties

- Technical Reviewer for the International Journals:
  - IEEE Transactions on Automation Science and Engineering
  - European Journal of Operational Research
  - Flexible Services and Manufacturing
  - IIE Transactions
  - International Journal of Production Research
- Vice Director of YAGEM (Research and Development Center of Yasar University)
- Member of the MUDEK Accreditation Board of Yasar University Engineering Faculty

## 10. Memberships in Scientific and Professional Organizations

1. Institute for Operations Research and Management Sciences (INFORMS)

## 11. Awards, Scholarships and Grants

1. Award of Excellence in Teaching Assistantship Duties, June 2010, by *Bilkent University Department of Industrial Engineering*.
2. Scholarship for Ph.D. Study, by *Scientific and Technological Research Council of Turkey*.
3. Scholarship for Undergraduate and Graduate Study, by *Bilkent University*.
4. Grant for attending INFORMS Annual Meeting 2008, Washington DC, USA, October 12-15 2008, by *Scientific and Technological Research Council of Turkey*.

## 12. Courses Taught

Academic Year	Semester	Course
2010-2011	Fall	IENG211 Probability in Engineering
		IENG457 Engineering Applications of Stochastic Models
	Spring	IENG212 Engineering Statistics
		IMIS504 System Modelling and Simulation (M.S)
		IMIS508 Inventory Management (M.S)
	Summer	IENG518 Analysis of Inventory Systems (M.S)
	Summer	IENG211 Probability in Engineering

2011-2012	Fall	IENG211 Probability in Engineering
		IENG457 Engineering Applications of Stochastic Models
		CENG 551 Probability and Stochastic Processes
	Spring	IENG212 Engineering Statistics

		IENG 462 Special Topics in IE
		IMIS504 System Modelling and Simulation (M.S)

2011-2012	<b>Fall</b>	IENG111 Foundations of Analytical Reasoning
		IENG211 Probability in Engineering
	<b>Spring</b>	IENG336 Stochastic OR
		IENG481 Inventory Systems