

ÖZGEÇMİŞ

1. Adı Soyadı : Emre Çelebi
2. Doğum Tarihi : 02.05.1979
3. Unvanı : Yard. Doç. Dr.
4. Öğrenim Durumu : Doktora

Derece	Alan	Üniversite	Yıl
Lisans	İşletme Mühendisliği	İstanbul Teknik Üniversitesi	2001
Yüksek Lisans	Yönetim Bilimi	Waterloo Üniversitesi	2006
Doktora	Yönetim Bilimi	Waterloo Üniversitesi	2011

5. Akademik Unvanlar

Yardımcı Doçentlik Tarihi : Mayıs 2012

6. Yönetilen Yüksek Lisans ve Doktora Tezleri

6.1. Yüksek Lisans Tezleri

Çakır, H., (2014). Market Price Simulations for Turkish Electricity Market Using Equilibrium Models, Kadir Has Üniversitesi, Yüksek Lisans Tezi

6.2. Doktora Tezleri

7. Yayınlar

7.1. Uluslar arası hakemli dergilerde yayımlanan makaleler

- 7.1.1 Çelebi, E. and Fuller, J. D., (2013). Master Problem Approximations in Dantzig-Wolfe Decomposition of Variational Inequality Problems with Applications to Two Energy Market Models, *Computers & Operations Research*, 40(11), 2724-2739
- 7.1.2 Çelebi, E. and Fuller, J. D., (2012). Time of Use Pricing in Electricity Markets Under Different Market Structures, *IEEE Transactions on Power Systems*, 27(3), 1170 - 1181.
- 7.1.3 Çelebi, E. and Fuller, J. D., (2007). A Model for Efficient Consumer Pricing Schemes in Electricity Markets, *IEEE Transactions on Power Systems*, 22(1), 60-67.
- 7.1.4 Vidyarthi, N., Çelebi, E., Elhedhli, S. and Jewkes, E., (2007). Integrated Production-Inventory-Distribution System Design with Risk Pooling: Model Formulation and Heuristic Solution, *Transportation Science*, 41(3), 392-408.

- 7.2. Uluslar arası bilimsel toplantılarda sunulan ve bildiri kitabında (Proceeding) basılan bildiriler.**
- 7.2.1. Çelebi, E. and Fuller, J. D., (14 July 2015). Comparison of Four Models of Near Equilibrium for a Centrally Dispatched Pool Market with Nonconvexities, 27th European Conference on Operational Research, July 12-15, Glasgow, UK
 - 7.2.2. Fuller, J. D. and Çelebi, E., (14 June 2015). Four Models of Near Equilibrium for a Centrally Dispatched Pool Market with Nonconvexities, Joint International Meeting Canadian Operational Research Society (CORS) and Institute for Operations Research and the Management Sciences (INFORMS), June 14-17, Montreal, Canada
 - 7.2.3. Çelebi, E., (14 July 2014). Electricity Market Equilibrium Models - A Robust Solution, 20th Conference of the International Federation of Operational Research Societies (IFORS), July 13-18, Barcelona, Spain
 - 7.2.4. Çelebi, E., (28 June 2013). Equilibrium Models for Turkish Electricity Markets, The International IIE (Institute of Industrial Engineers) Conference, June 26-28, Istanbul, Turkey
 - 7.2.5. Çelebi, E., Gümüş, M. and Ülkü, M. A., (27 June 2013), A Cross-dock Distribution Model for Multiple Manufacturers and Customers, The International IIE (Institute of Industrial Engineers) Conference, June 26-28, Istanbul, Turkey
 - 7.2.6. Çelebi, E., (31 May 2013). Electricity Market Equilibrium Models with Dynamic Demand Functions, Proceedings of the 10th European Energy Market Conference, May 27-31, Stockholm, Sweden
 - 7.2.7. Güler, B., Çelebi, E., Fuller, J. D. and Nathwani J., (30 May 2013). Turkey - Romania Subsea Transmission Cable Investment: Time for Reconsideration?, Proceedings of the 10th European Energy Market Conference, May 27-31, Stockholm, Sweden
 - 7.2.8. Çelebi, E., (24 August 2012). An Approximation Algorithm for Benders Decomposition of Variational Inequality Problems, The 21st International Symposium of Mathematical Programming (ISMP), August 19-24, Berlin, Germany
 - 7.2.9. Çelebi, E., (21 June 2012). Benders Decomposition of Variational Inequality (VI) Problems with Analytic Center Cutting Plane Method (ACCPM): An Application in Energy, The 32nd Operations Research and Industrial Engineering (YAEM) National Congress, June 20-22, Istanbul, Turkey
 - 7.2.10. Çelebi, E., Gümüş, M. and Ülkü, M. A., (01 August 2011). A Cross-dock Distribution Model for Multiple Manufacturers and Customers, The Institute for Operations Research and the Management Sciences (INFORMS) Midwest Regional Meeting, August 1-2, Columbus, OH, USA.
 - 7.2.11. Çelebi, E. and Fuller, J. D., (30 May 2011). Master Problem Approximation in Dantzig-Wolfe Decomposition of VIs for an Electricity Market Model, Canadian Operational Research Society (CORS) Annual Meeting, May 30-June 1, St. John's, NL, Canada.
 - 7.2.12. Çelebi, E. and Fuller, J. D., (10 November 2010). Market Power Analysis in Electricity Markets with Time of Use Pricing, The Institute for Operations Research and the Management Sciences (INFORMS) Annual Meeting, November 7-10, Austin, TX, USA.
 - 7.2.13. Çelebi, E. and Fuller, J. D., (09 November 2010). Dantzig-Wolfe Decomposition and Approximations for an Equilibrium Model in Electricity Markets,, The Institute for Operations Research and the Management Sciences (INFORMS) Annual Meeting, November 7-10, Austin, TX, USA.
 - 7.2.14. Çelebi, E. and Fuller, J. D., (10 May 2010). Market Power Analysis in Bilateral Electricity Markets with Time of Use (TOU) Pricing, CIRRELT Optimization Days, May 10-12, Montreal, QC, Canada.

- 7.2.15.** Çelebi, E. and Fuller, J. D., (27 August 2009). Decomposition and Approximation Algorithms for an Equilibrium Model in Electricity Markets, The 20th International Symposium of Mathematical Programming (ISMP), August 23-28, Chicago, IL, USA.
- 7.2.16.** Çelebi, E. and Fuller, J. D., (16 June 2009). Dantzig-Wolfe Decomposition Algorithms for an Equilibrium Model in Time of Use Electricity Markets, Canadian Operational Research Society (CORS) and The Institute for Operations Research and the Management Sciences (INFORMS) Joint International Meeting, June 14-17; Toronto, ON, Canada.
- 7.2.17.** Çelebi, E. and Fuller, J. D., (7 November 2007). A Nash-Cournot Model to Assess Market Power in a Time of Use Electricity Market, The Institute for Operations Research and the Management Sciences (INFORMS) Annual Meeting, November 4-7, Seattle, WA, USA.
- 7.2.18.** Çelebi, E. and Fuller, J., D., (09 May 2007). A Nash-Cournot Model to Assess Market Power Potential in Time of Use Electricity Markets, Canadian Operational Research Society (CORS) Annual Meeting, May 7-9, London, ON, Canada.
- 7.2.19.** Çelebi, E. and Fuller, J. D., (5 November 2006). Models of Efficient Pricing Schemes in Electricity Markets, The Institute for Operations Research and the Management Sciences (INFORMS) Annual Meeting, November 5-8, Pittsburgh, PA, USA.
- 7.2.20.** Çelebi, E. and Fuller, J., D., (08 May 2006). Models of Efficient Consumer Pricing Schemes in Electricity Markets, Canadian Operational Research Society (CORS) / GERAD Optimization Days Joint Conference, May 8-10, Montreal, QC, Canada.
- 7.2.21.** Çelebi, E. and Fuller, J., D., (11 May 2005). Models of Alternative Consumer Pricing Schemes in Electricity Markets, GERAD Optimization Days, May 9-11, Montreal, QC, Canada.
- 7.2.22.** Vidyarthi, N., Çelebi, E., Elhedhli, S. and Jewkes, E., (30 August 2004). Integrated Production-Inventory-Distribution System Design with Risk Pooling: Model Formulation and Efficient Solution, South Western Ontario Operational Research Day (SWORD), August 30, Windsor, ON, Canada.

7.3. Yazılan Uluslar arası kitaplar veya kitaplarda bölümler.

7.4. Ulusal hakemli dergilerde yayımlanan makaleler

7.5. Ulusal bilimsel toplantılarda sunulan bildiri kitabında basılan bildiriler

7.6 Diğer Yayınlar

8.Projeler

8.1 Şehir Mühendisliği/ Urban Engineering, Proje (2013-2016), IBM Shared University Research, Türkiye.

Yürütücü: Şirin Tekinay,

Proje Ekibi: Zeki Ayağ, Mehmet Aydın, Taner Arsan, Funda Samanlıoğlu, Ahmet Yücekaya, Emre Çelebi, Gökhan Kirkil, Selçuk Öğrenci.

8.2 Türkiye Elektrik Piyasası için Ekonomik Denge Modelleri: Piyasa Denge Modelleri ile Üretim/İletim Yatırım Modellerinin Bütünleştirilmesi, TÜBİTAK 3501, 2015-2018, Proje no: SOBAG 115K546, Bütçe: ~245,000 TL.

Yürütücü: Emre Çelebi

9.İdari Görevler

10.Bilimsel Kuruluşlara Üyelikleri

10.1 Üye, Institute for Operations Research and the Management Sciences, ENRE Section

10.2 Üye, Mathematical Optimization Society

10.3 Üye, Yöneylem Araştırması Derneği

11.Ödüller

11.1 University of Waterloo President's Graduate Scholarship (Mayıs 06 - Mayıs 09)

11.2 Natural Sciences and Engineering Research Council of Canada Postgraduate Scholarship Doctoral (NSERC PGS D3) (Mayıs 06 - Mayıs 09)

11.3 INFORMS, Energy, Natural Resources, and the Environment (ENRE) Section, Student Travel Scholarship - Honorable Mention (INFORMS 2006, Pittsburgh, PA)

11.4 University of Waterloo Merit Graduate Scholarship (Aralık 06)

11.5 Sandford Fleming Foundation Teaching Assistantship Excellence Award (Eylül 06)

11.6 Teaching Assistant Award (Department of Management Sciences, University of Waterloo, Temmuz 06)

11.7 Fraser Award For Graduate Student Research (University of Waterloo, Temmuz 05)
Yönetim Bilimleri bölümünce düzenlenen araştırma makalesi yarışmasında N. K. Vidarthi ile birlikte birincilik ödülü.

11.8 University of Waterloo Graduate Scholarship (Şubat 05)

11.9 Faculty of Engineering Graduate Scholarship (University of Waterloo, Şubat 05)

11.10 El-Gabbani Scholarship (University of Waterloo, Eylül 04)

11.11 University of Waterloo Graduate Scholarship (Nisan 04) 2003-2004 akademik yılında Yönetim Bilimleri bölümünün uluslararası öğrencileri arasındaki en iyi akademik performans

11.12 International Master's Student Award (University of Waterloo, Eylül 03 - Aralık 05)

11.13 International Graduate Student Entrance Scholarship (University of Waterloo, Eylül 03- Aralık 04)

11.14 Başarı Bursu (T.C. Başbakanlık, 1997-2001)

12.Son iki yılda verdiği lisans ve lisansüstü düzeyindeki dersler

Akademik Yıl	Dönem	Dersin Adı	Haftalık Saati		Öğrenci Sayısı
			Teorik	Uygulama	
2013-2014	Güz	GE 204 Probability and Statistics for Engineers	3	0	58
		IE 341 Transportation & Logistics Engineering	3	0	31
	İlkbahar	IE 415 Modeling in Supply Chain Management*	3	0	11
		IE 488 Special Topics in IE*	3	0	10
2014-2015	Güz	GE 204 Probability and Statistics for Engineers	3	0	78
		IE 341 Transportation & Logistics Engineering	3	0	55
	İlkbahar	IE 415 Modeling in Supply Chain Management*	3	0	29
		IE 488 Special Topics in IE*	3	0	11

* İşaretli dersler, yüksek lisans dersleridir.