

## Assoc. Prof. MUSTAFA AĞAOĞLU

### Personal Information

Office Phone: [+90 7773540](tel:+907773540)

Email: [agaoglu@marmara.edu.tr](mailto:agaoglu@marmara.edu.tr)

Web: <https://avesis.marmara.edu.tr/agaoglu>

### Education Information

Post Graduate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Bilgisayar Mühendisliği (YI) (Tezli), Turkey 1999 - 2003

Under Graduate, Boğaziçi Üniversitesi, Fen-Edebiyat Fakültesi, Fizik Bölümü, Turkey 1992 - 1999

### Foreign Languages

English, C1 Advanced

### Dissertations

Doctorate, Yükseköğretimde Bilgi Yönetim Sistemlerinin Tasarımı ve Öğrenci Bilgi Sistemleri Üzerine Bir Araştırma, Marmara Üniversitesi, Sosyal Bilimler Enstitüsü, İletişim Bilimleri (Dr), 2009

Post Graduate, Automation of Student Affairs including Web Implementations, Marmara Üniversitesi, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (YI) (Tezli), 2003

### Research Areas

Database and Data Structures, Artificial Intelligence, Computer Learning and Pattern Recognition, Software

### Academic Titles / Tasks

Associate Professor, Marmara University, Faculty Of Engineering, Computer Engineering, 2017 - Continues

Assistant Professor, Marmara University, Faculty of Engineering, Computer Engineering, 2010 - Continues

Research Assistant, Marmara University, Faculty of Engineering, Computer Engineering, 2000 - 2010

### Academic and Administrative Experience

Marmara University, Rectorate, 2008 - 2014

### Advising Theses

AĞAOĞLU M., BULKAN S., A metaheuristic algorithm to elasticity based shelf space allocation problem, Doctorate, A.HANDE(Student), 2016

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Feature selection via computational intelligence techniques**  
Algin R., ALKAYA A. F. , AĞAOĞLU M.  
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.39, no.5, pp.6205-6216, 2020 (Journal Indexed in SCI)
- II. **Predicting Instructor Performance Using Data Mining Techniques in Higher Education**  
AĞAOĞLU M.  
IEEE ACCESS, vol.4, pp.2379-2387, 2016 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. **Exploring the Factors Affecting Purchase Intention in Music Industry**  
AĞAOĞLU M., YURTKORU E. S. , ŞAHİN Y.  
Yönetim Bilişim Sistemleri Dergisi, vol.2, pp.169-180, 2016 (Other Refereed National Journals)
- II. **A Heuristic Approach for Shelf Space Allocation Problem**  
EROL BİNGÜLER A. H. , BULKAN S., AĞAOĞLU M.  
Journal of Military and Information Science, vol.4, pp.38-44, 2016 (Refereed Journals of Other Institutions)
- III. **A Heuristic Approach for a Shelf Space Allocation Problem**  
EROL BİNGÜLER A. H. , BULKAN S., AĞAOĞLU M.  
Journal of Military and Information Science, vol.4, no.1, pp.38-44, 2016 (Refereed Journals of Other Institutions)
- IV. **Diagnosis of Breast Cancer Using Ensemble of Data Mining Classification Methods**  
ZORLUOĞLU G., AĞAOĞLU M.  
International Journal of Bioinformatics and Biomedical Engineering, vol.1, no.3, pp.318-322, 2015 (Refereed Journals of Other Institutions)
- V. **Kamu Kurumunda Kullanıcıların Farklı Özelliklerinin E-dönüşümün Kabulüne Etkilerinin İncelenmesi**  
Çetinkaya A., Ağaoğlu M., Esgin E.  
The International Journal of Human Sciences (IJHS), vol.3, no.13, pp.108-122, 2015 (Refereed Journals of Other Institutions)
- VI. **A Hybrid Algorithm For Exam Timetabling Problem For Marmara University**  
GEDİKLİ M. E. , AĞAOĞLU M.  
Girne American University Journal, vol.7, no.11, pp.57-67, 2015 (Refereed Journals of Other Institutions)
- VII. **The effect of ERP implementation CSFs on business performance an empirical study on users perception**  
AĞAOĞLU M., YURTKORU E. S. , EKMEKÇİ F. A.  
Procedia-Social and Behavioral Sciences, vol.210, pp.35-42, 2015 (Refereed Journals of Other Institutions)
- VIII. **A research on student s university and program preference criteria**  
AĞAOĞLU M., YURTKORU E. S.  
Öneri, vol.10, pp.115-124, 2013 (Other Refereed National Journals)

## Books & Book Chapters

- I. **Bilişim ve E-Devlet**  
AĞAOĞLU M.  
in: Bilişim ve ..., ÇETİNKAYA AHMET, KIRIK ALİ MURAT, ŞAHİN ÖZGÜR ERKUT, Editor, Hiperlink, İstanbul, pp.137-159, 2015
- II. **Performance of Migrating Birds Optimization Algorithm on Continuous Functions**  
ALKAYA A. F. , ALGIN R., ŞAHİN Y., AĞAOĞLU M., AKSAKALLI V.  
in: Advances in Swarm Intelligence, Tan Ying, Shi Yuhui, Coello Coello Carlos A., Editor, Springer, Hefei, pp.452-459, 2014

## Refereed Congress / Symposium Publications in Proceedings

- I. **Can We Really Differentiate between Generations? A Data Mining Approach**  
Ağaoğlu M., Yurtkoru E. S. , Börü M. D.  
9th INTERNATIONAL CONFERENCE ON LEADERSHIP, TECHNOLOGY, INNOVATION AND BUSINESS MANAGEMENT,  
İstanbul, Turkey, 12 - 13 December 2019, pp.153-161
- II. **Counterproductive Use of Technology: Cyberloafing**  
AĞAOĞLU M., YURTKORU E. S. , TAŞTAN S.  
4th International Management Information Systems Conference "Industry 4.0" (IMISC2017), İstanbul, Turkey, 17 -  
20 October 2017, pp.35
- III. **Exploring the Factors Affecting Purchase Intention in Music Industry**  
AĞAOĞLU M., YURTKORU E. S. , ŞAHİN Y.  
3rd International Management Information Systems Conference (IMISC2016), İzmir, Turkey, 6 - 08 October 2016
- IV. **Kamuda Kurumsal Bilgi Yönetimi İçin Bir E Dönüşüm Modeli ve Yol Haritası Önerisi**  
ESGİN E., ÇETİNKAYA A., AĞAOĞLU M.  
AB2016 Akademik Bilişim Konferansları, Aydın, Turkey, 3 - 05 February 2016
- V. **Kurum ve Kuruluşlarda EBYS Uygulamaları Marmara Üniversitesi Örneği**  
AĞAOĞLU M., YÜCE H., YALÇINKAYA B.  
ÜNAK, 2013, Bilgi Sistemleri Platformlar Mimariler ve Teknolojiler., Ankara, Turkey, 19 - 21 September 2016,  
pp.237-243
- VI. **Approaches for optimizing cross sell and up sell opportunities in campaigns**  
AĞAOĞLU M., DUMAN E., EROL BİNGÜLER A. H.  
13th Cologne-Twente Workshop on Graphs & Combinatorial Optimization, 26 - 28 May 2015
- VII. **A Heuristic Approach for Shelf Space Allocation Problem**  
EROL BİNGÜLER A. H. , BULKAN S., AĞAOĞLU M.  
International Conference on Value Chain Sustainability, 12 - 13 March 2015
- VIII. **The effect of ERP implementation CSFs on business performance: an empirical study on users' perception**  
AĞAOĞLU M., YURTKORU E. S. , Ekmekci A. K.  
4th International Conference on Leadership, Technology, Innovation and Business Management (ICLTIBM),  
İstanbul, Turkey, 19 - 21 November 2014, vol.210, pp.35-42
- IX. **Performance of Migrating Birds Optimization Algorithm on Continuous Functions**  
ALKAYA A. F. , Algin R., Sahin Y., AĞAOĞLU M., AKSAKALLI V.  
5th International Conference on Swarm Intelligence (ICSI), Hefei, China, 17 - 20 October 2014, vol.8795, pp.452-  
459
- X. **A Hybrid Algorithm for Exam Timetabling Problem in Marmara University**  
GEDİKLİ M. E. , AĞAOĞLU M.  
Second International Symposium on Engineering, Artificial Intelligence & Applications, Girne, Cyprus (Kktc), 5 - 07  
November 2014
- XI. **Neighbour Function Based Solution Approaches for Sequence Dependent Traveling Salesman Problem**  
TONYALI S., ALKAYA A. F. , AĞAOĞLU M.  
The 9th International Conference on Optimization: Techniques and Applications (ICOTA 9), Taipei, Taiwan, 12 - 16  
December 2013
- XII. **Kurum ve Kuruluşlarda EBYS Uygulamaları Marmara Üniversitesi Örneği**  
Ağaoğlu M., Yüce H., Esgin E., Yalçinkaya B.  
ÜNAK 2013 Konferansı, İstanbul, Turkey, 19 - 21 September 2013
- XIII. **Öğrencilerin Üniversite Eğitiminden Beklentileri ve Tercih Ölçütlerine İlişkin Veri Madenciliği Uygulaması**  
Ağaoğlu M., Yurtkoru E. S.  
Uluslararası Yükseköğretim Kongresi: Yeni Yönelişler ve Sorunlar, İstanbul, Turkey, 27 - 29 May 2011, pp.1

- XIV. University Preference Criteria**  
Yurtkoru E. S. , Ađaođlu M.  
New Developments in Theory and Applications of Statistics: An International Conference in Memory of Professor Moti Lal Tikku, Ankara, Turkey, 2 - 04 May 2011, pp.1
- XV. Application of One Class Support Vector Machine Algorithms to Health Insurance Fraud Detection**  
ŞAHİN Y., AŞUK C., AĐAOĐLU M., ALKAYA A. F.  
7th International Symposium on Intelligent and Manufacturing Systems, Sarajevo, Bosnia And Herzegovina, 15 - 17 September 2010, pp.523-532
- XVI. Veritabanı Pazarlamasında Karlılık Yaklaşımları Ve Bir Eniyileme Çözümü**  
AĐAOĐLU M., ŞAHİN Y.  
III. İstanbul Bilişim Kongresi, İstanbul, Turkey, 29 - 31 May 2009, pp.193-196
- XVII. İnternet ve E Ticaretin Tedarik Zinciri Yönetimi Üzerine Etkileri**  
ŞAHİN Y., AĐAOĐLU M.  
III. İstanbul Bilişim Kongresi, İstanbul, Turkey, 29 - 31 May 2009, pp.145-151
- XVIII. Sahtekarlık Tespitinde Kullanılan Yöntemler**  
ŞAHİN Y., AĐAOĐLU M.  
2. İstanbul Bilişim Kongresi, İstanbul, Turkey, 3 - 04 June 2008, pp.185-191
- XIX. Can E Learning Help for Student Based Learning**  
KIRLIDOĐ M., AĐAOĐLU M.  
First International Conference on Innovations in Learning for the Future: e-Learning, İstanbul, Turkey, 26 - 27 October 2004, pp.351-360
- XX. Bilgisayarla İlgili Disiplinler ve Farklılaşma Geređi**  
KIRLIDOĐ M., AĐAOĐLU M.  
V. Akademik Bilişim Konferansı, Adana, Turkey, 3 - 05 February 2003

## Citations

Total Citations (WOS):36

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