

ÖZGEÇMİŞ

1. Adı Soyadı : Mehmet Aydın Ulaş

2. Doğum Tarihi : 13/09/1977

3. Unvanı : Dr. Öğr. Üyesi

4. Öğrenim Durumu : Doktora

Derece	Alan	Üniversite	Yıl
Lisans	Boğaziçi Üniversitesi	Bilgisayar Mühendisliği	1999
Yüksek Lisans	Boğaziçi Üniversitesi	Bilgisayar Mühendisliği	2001
Doktora	Boğaziçi Üniversitesi	Bilgisayar Mühendisliği	2009

5. Akademik Unvanlar

Arş. Gör: Boğaziçi Üniversitesi Bilgisayar Mühendisliği 1999-2002

Arş. Gör: Boğaziçi Üniversitesi Bilgisayar Mühendisliği 2004-2009

Dr. Öğr. Üyesi: MEF Üniversitesi 2015-2018 (Yarı zamanlı)

Dr. Öğr. Üyesi: Rumeli Üniversitesi 2020-

6. Yönetilen Yüksek Lisans ve Doktora Tezleri

6.1. Yüksek Lisans Tezleri

6.2. Doktora Tezleri

7. Yayınlar

7.1. Uluslararası hakemli dergilerde yayınlanan makaleler (SCI & SSCI & Arts and Humanities)

1. Cihangir Beşiktaş, Didem Gözüpek, **Aydın Ulaş**, Erhan Lokman, "Secure Virtual Network Embedding with Flexible Bandwidth-Based Revenue Maximization", *Computer Networks*, Vol. 121, pp: 89-99, 2017.
2. Manuele Bicego, **Aydın Ulaş**, Umberto Castellani, Alessandro Perina, Vittorio Murino, André F. T. Martins, Pedro M. Q. Aguiar, Mário A. T. Figueiredo, "Combining Information Theoretic Kernels with Generative Embeddings for Classification", *Neurocomputing*, Vol. 101, pp:161-169, 2013.
3. **Aydın Ulaş**, Olcay Taner Yıldız, Ethem Alpaydın, "Eigenclassifiers for Combining Correlated Classifiers", *Information Sciences*, Vol. 187, pp:109-120, 2012.
4. **Aydın Ulaş**, Olcay Taner Yıldız, Ethem Alpaydın, "Cost-Conscious Comparison of Supervised Learning Algorithms over Multiple Data Sets", *Pattern Recognition*, Vol. 45, No. 4, pp:1772-1781, 2012
5. **Aydın Ulaş**, Robert P. W. Duin, Umberto Castellani, Marco Loog, Manuele Bicego, Vittorio Murino, Marcella Bellani, Stefania Cerruti, Michele Tansella, Paolo Brambilla, "Dissimilarity-based Detection of Schizophrenia", *International Journal of Imaging Systems and Technology*, Vol. 21, No. 2, pp:179-192, 2011.

6. **Aydın Ulaş**, Murat Semerci, Olcay Taner Yıldız, Ethem Alpaydın, “Incremental Construction of Classifier and Discriminant Ensembles”, *Information Sciences*, Vol. 179, No. 9, pp:1298-1318, 2009.
7. Berk Gökberk, Helin Dutağacı, **Aydın Ulaş**, Lale Akarun, Bülent Sankur, “Representation Plurality and Decision Level Fusion for 3D Face Recognition”, *IEEE Transactions on Systems, Man, and Cybernetics--Part B: Cybernetics*, Vol. 38, No. 1, pp:155-173, 2008.

7.2. Diğer uluslararası indekslerce taranan dergilerde yayımlanan makaleler

7.3. Uluslararası bilimsel toplantılarda sunulan ve bildiri kitabında (*Proceedings*) basılan bildiriler

1. Berna Özbek, Yiğitcan Aydoğmuş, **Aydın Ulaş**, Burak Görkemli, “Joint Routing and Resource Allocation for Software Defined Mobile Networks”, *International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC 2019)*, September 8-11, IEEE, İstanbul, Turkey.
2. Olcay Taner Yıldız, **Aydın Ulaş**, “Incremental Construction of Rule Ensembles using Classifiers Produced by Different Class Orderings”, *ICPR 2016*, December 4-8, pp:492-497, Cancun, Mexico.
3. Berna Özbek, Yiğitcan Aydoğmuş, **Aydın Ulaş**, Burak Görkemli, Kazım Ulusoy, “Energy Aware Routing and Traffic Management for Software Defined Networks”, *Conference on Network Softwarization (NetSoft 2016)*, June 6-10, IEEE, pp:73-77, 2016, Seoul, Korea.
4. Burak Görkemli, A. Murat Parlakışık, A. Murat Tekalp, Seyhan Civanlar, **Aydın Ulaş**, “Dynamic Management of Control Plane Performance in Software-Defined Networks”, *Conference on Network Softwarization (NetSoft 2016)*, June 6-10, IEEE, pp:68-72, 2016, Seoul, Korea.
5. Cihangir Beşiktaş, Didem Gözüpek, **Aydın Ulaş**, Erhan Lokman, Özcan Özyurt, Kazım Ulusoy, “Flexible Bandwidth-Based Virtual Network Embedding”, *Network Operations and Management Symposium (NOMS 2016)*, April 25-29, IEEE/IFIP, pp:612-617, 2016, İstanbul, Turkey.
6. Ijaz Ahmad, Madhusanka Liyanage, Suneth Namal, Marcus Eckert, Thomas Bauschert, Zoltan Faigl, Laszlo Bokor, Ece Saygun, Hasan Anıl Akyıldız, Oscar Lopez Perez, Mikel Uriarte Itzazelaia, Berna Özbek, **Aydın Ulaş**, “New Concepts for Traffic, Resource and Mobility Management in Software-Defined Mobile Networks”, *Wireless On-demand Network systems and Services Conference (WONS 2016)*, January 20-22, IEEE/IFIP, pp:41-48, 2016, Cortina d'Ampezzo, Italy.
7. Marco San Biagio, **Aydın Ulaş**, Marco Crocco, Marco Cristani, Umberto Castellani, Vittorio Murino, “A Multiple Kernel Learning Approach to Multi-Modal Pedestrian Classification”, *International Conference on Pattern Recognition (ICPR 2012)*, November 11-15, 2012, Tsukuba, Japan.
8. **Aydın Ulaş**, Mehmet Gönen, Umberto Castellani, Vittorio Murino, Marcella Bellani, Michele Tansella, Paolo Brambilla, “A Localized MKL method for brain classification with known intra-class variability”, *International Workshop on Machine Learning in Medical Imaging (MLMI 2012)*, LNCS Vol: 7588, pp: 152-159, October 1, 2012, Nice, France.
9. **Aydın Ulaş**, Umberto Castellani, Vittorio Murino, Marcella Bellani, Michele Tansella, Paolo Brambilla, “Biomarker evaluation by Multiple Kernel Learning for Schizophrenia detection”, *International Workshop on Pattern Recognition in Neuroimaging (PRNI 2012)*, pp:89-92, July 2-4, 2012, London, UK.
10. Manuele Bicego, **Aydın Ulaş**, Peter Schüffler, Umberto Castellani, Pasquale Mirtuono, Vittorio Murino, André F. T. Martins, Pedro M. Q. Aguiar, Mário A. T. Figueiredo, “Renal Cancer Cell Classification Using Generative Embeddings and Information Theoretic Kernels”, *PRIB 2011*, LNBI Vol: 7036, pp: 75-86, November 2-4, Delft, The Netherlands.
11. **Aydın Ulaş**, Umberto Castellani, Vittorio Murino, Marcella Bellani, Michele Tansella, Paolo Brambilla, “Heat Diffusion Based Dissimilarity Analysis for Schizophrenia Classification”, *PRIB 2011*, LNBI Vol: 7036, pp: 306-317, November 2-4, Delft, The Netherlands.
12. Umberto Castellani, **Aydın Ulaş**, Vittorio Murino, Marcella Bellani, Michele Tansella, Paolo Brambilla, “Selecting scales by Multiple Kernel Learning for shape diffusion analysis”,

MICCAI 2011, Workshop on Mathematical Foundations of Computational Anatomy, pp:148-158, September 18-22, Toronto, Canada.

13. **Aydın Ulaş**, Umberto Castellani, Pasquale Mirtuono, Manuele Bicego, Vittorio Murino, Stefania Cerruti, Marcella Bellani, Manfred Atzori, Gianluca Rambaldelli, Michele Tansella, Paolo Brambilla, “Multimodal Schizophrenia Detection by Multiclassification Analysis”, *CIARP 2011*, LNCS Vol: 7042, pp: 491-498, November 15-18, Pucón, Chile
14. Mehmet Gönen, **Aydın Ulaş**, Peter Schüffler, Umberto Castellani, Vittorio Murino, “Combining Data Sources Nonlinearly for Cell Nucleus Classification of Renal Cell Carcinoma”, *1st International Workshop on Similarity-Based Pattern Analysis*, 2011, LNCS Vol: 7005, pp: 250-260, September 28-30, Venice, Italy.
15. **Aydın Ulaş**, Peter Schüffler, Manuele Bicego, Umberto Castellani, Vittorio Murino, “Hybrid Generative-Discriminative Nucleus Classification of Renal Cell Carcinoma”, *1st International Workshop on Similarity-Based Pattern Analysis*, 2011, LNCS Vol: 7005, pp:77-88, September 28-30, Venice, Italy.
16. Peter Schüffler, **Aydın Ulaş**, Umberto Castellani, Vittorio Murino, “A Multiple Kernel Learning Algorithm for Cell Nucleus Classification of Renal Cell Carcinoma”, *ICIAP 2011*, LNCS Vol: 6978, pp:413-422, September 14-16, Ravenna, Italy.
17. **Aydın Ulaş**, Robert P. W. Duin, Umberto Castellani, Marco Loog, Manuele Bicego, Vittorio Murino, Marcella Bellani, Stefania Cerruti, Michele Tansella, Paolo Brambilla, “Dissimilarity-based Detection of Schizophrenia”, *ICPR workshop on "Brain Decoding: Pattern Recognition Challenges in FMRI Neuroimaging"*, pp: 32-35, August 22, 2010, Istanbul, Turkey.
18. **Aydın Ulaş**, Olcay Taner Yıldız, “An Incremental Model Selection Algorithm Based on Cross-Validation for Finding the Architecture of a Hidden Markov Model on Hand Gesture Data Sets”, *ICMLA 2009*, pp: 170-177, December 13-15, Miami, Florida, USA.

7.4. Yazılan Uluslararası kitaplar veya kitaplarda bölümler

1. **Aydın Ulaş**, Umberto Castellani, Manuele Bicego, Vittorio Murino, Marcella Bellani, Michele Tansella, Paolo Brambilla, “Analysis of Brain Magnetic Resonance (MR) Scans for the Diagnosis of Mental Illness”, *Similarity-Based Pattern Analysis and Recognition* (ISBN: 978-1-4471-5627-7), 2013.
2. Pedro M. Q. Aguiar, Manuele Bicego, Umberto Castellani, Mário A. T. Figueiredo, André T. Martins, Vittorio Murino, Alessandro Perina, **Aydın Ulaş**, “On the Combination of Information-Theoretic Kernels with Generative Embeddings”, *Similarity-Based Pattern Analysis and Recognition* (ISBN: 978-1-4471-5627-7), 2013.

7.5. Ulusal hakemli (TRDizin tarafından taranan) dergilerde yayımlanan makaleler

7.6. Ulusal bilimsel toplantılarda sunulan bildiri kitabında basılan bildiriler

1. Seyhan Civanlar, Murat Tekalp, Erhan Lokman, Bülent Kaytaç, **Aydın Ulaş**, “Distributed Flow Management for SDN Domains”, *Signal Processing and Communications Applications Conference (SIU 2015)*, May 16-19, IEEE, pp:2609-2612, 2015, Malatya, Turkey.
2. Burak Görkemli, Sinan Tatlıcıoğlu, Mustafa Kömürcüoğlu, Melih A. Karaman, Özgür Karakaya, **Aydın Ulaş**, “QoS Control and Prioritization with SDN”, *Signal Processing and Communications Applications Conference (SIU 2015)*, May 16-19, IEEE, pp:2613-2616, 2015, Malatya, Turkey.
3. A. Serdar Tan, Özgür Karakaya, **Aydın Ulaş**, Murat Parlakışık, Orhan Küpüşoğlu, Oya Erhan, Erhan Lokman, “Automatic topology discovery in software defined networks”, *Signal Processing and Communications Applications Conference (SIU 2014)*, April 23-25, IEEE, pp:939-942, 2014, Trabzon, Turkey.

7.7. Diğer Yayınlar

7.8. Uluslararası Atıflar

8. Ulusal & Uluslararası Projeler

1. SIGMONA, SDN Concept in Generalized Mobile Network Architectures, Celtic-Plus
2. yakamOS, An Openflow Controller and Applicatons, TUBİTAK/TEYDEB
3. SIMBAD, Similarity Based Pattern Recognition, FP7/Fet-Open
4. TUBİTAK, Cross Validation for Model Selection in Machine Learning (Yapay Öğrenmede Model Seçimi İçin Çapraz Geçerleme), 104E079
5. Boğaziçi University, Research Fund, Cost-Conscious Combination of Classifiers and Representations (Maliyet Bilinçli Model ve Gösterim Birleştirme), 05HA101
6. BIOSECURE, Network of Excellence
7. State Planning Organization of Turkey, Perceptual Human Computer Interaction (Algısal İnsan Bilgisayar Etkileşimi), 03K120250
8. PROFILE, “Data Analytics, Data Sources, and Architecture for Upgraded European Customs Risk Management”, H2020
9. LOCUS, “LOCALization and analytics on-demand embedded in the 5G ecosystem, for Ubiquitous vertical applicationS”, H2020

9. İdari Görevler

10. Bilimsel ve Mesleki Kuruluşlara Üyelikler

1. IEEE Computational Intelligence Society (2005–), Senior Member (2015–)
2. TÖTİAD, IAPR

11. Ödüller ve Burslar

12. Son iki yılda verdiği lisans ve lisansüstü düzeyindeki dersler

Akademik Yıl	Dönem	Dersin Adı	Haftalık Saati		Öğrenci Sayısı
			Teorik	Uygulama	
2020-2021	Güz	Yapay Sinir Ağları	3		
	Bahar				
	Güz				
	Bahar				

* İşaretili dersler, yüksek lisans dersleridir.

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