



İ. Baran USLU, Ph.D.

Asst. Prof. Dr.

Atilim University

Department of Electrical and Electronics Engineering

06830 İncek, Gölbaşı, Ankara/TURKEY

baran.uslu@atilim.edu.tr

Tel: +90 312 586 8253

PERSONAL

Date of Birth	18.02.1976
Place of Birth	Ankara

EDUCATION

Year-Year	2003-2012 Ankara University, Electrical and Electronics Engineering, Ph.D.
Year-Year	2000-2003 Başkent University, Electrical and Electronics Engineering, M.S.
Year-Year	1994-1998 Ankara University, Electrical and Electronics Engineering, B.S.

ACADEMIC POSITIONS

07/2013 - ...	Asst. Prof. Dr., Department of Electrical and Electronics Engineering Atilim University
09/2012 – 07/2013	Instructor, Department of Electrical and Electronics Engineering Atilim University
09.2006-07.2012	Instructor, Department of Electrical and Electronics Engineering Baskent University
03.2000-09.2006	Res. Asst., Department of Electrical and Electronics Engineering Baskent University
02.1999-03.2000	Res. Asst., Department of Electrical and Electronics Engineering Hacettepe University

ADMINISTRATIVE DUTIES

2013 - ...	Bologna Coordinator, Atilim University, Department of Electrical and Electronics Engineering
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RESEARCH INTERESTS

1	Text-to-Speech synthesis
2	Emotional speech analysis and synthesis
3	Speech recognition
4	Natural language processing

5	Pattern recognition
6	System design for disabled people

PUBLICATIONS

1	B. Uslu, H. Tora, "Turkish regional dialect recognition using acoustic features of voiced segments", International Journal of Signal Processing Systems (IJSPS), Vol. 6, No. 2, pp. 17-21, 2018. (doi: 10.18178/ijsp.6.2.17-21)
2	H. Tora, B. Uslu, T. Karamehmet, "Implementation of Turkish text-to-speech synthesis on a voice synthesizer card with prosodic features", Anadolu University Journal of Science and Technology A - Applied Sciences and Engineering, vol.18, no:3, pp.584-594, 2017.
3	E. Sümer, B. Uslu, M. Türker, "An eye-controlled wearable communication and control system for ALS patients: SmartEyes", Sigma J. Eng & Natural Sciences; 8(2): 107-116, 2017.
4	B. Uslu, H. Gökhan İlk, A. Egemen Yılmaz, "A rule based prosody model for Turkish text-to-speech synthesis", Technical Gazette (SCI-E), Vol. 20, No. 2, pp. 217-223, 2013.
5	B. Uslu, N. Demir, H. Gökhan İlk, A. Egemen Yılmaz, "Bilgisayar bir metni vurgulu okuyabilir mi?", BİLİG Türk Dünyası Sosyal Bilimler Dergisi (SSCI), Bahar, Sayı 65, s. 165-176, 2013.
6	B. Uslu, H. Gökhan İlk, A. Egemen Yılmaz, "Türkçe metinden konuşma sentezlemede doğallığın artırılması için öneriler", EMO (Elektrik Mühendisleri Odası) Bilimsel Dergi Cilt.1, Sayı.2, s. 95-102, 2011.

PROJECTS

1	TÜBİTAK-1512 Bireysel Girişimcilik (01.07.2013 –01.07.2014) "Felçli ve Konuşamayan Hastalar İçin Akıllı Gözlük ve Ev Otomasyon Sistemi" – Araştırmacı.
2	KOSGEB Ar-Ge İnovasyon (14.04.2014 –14.06.2016) TÜBİTAK-1512 projesini tamamlayıcı nitelikte.
3	TÜBİTAK-1507 KOBİ-Ar-Ge (01.12.2015 – 01.04.2018) "Bakıma Muhtaç Kişiler için Akıllı Gözlük Sistemi Versiyon-2 Geliştirilmesi ve Yenilikçi Fonksiyonlar ile Özgünleştirilmesi" – Araştırmacı.

CONFERENCE PRESENTATIONS

1	B. Uslu, H. Tora, "Turkish regional dialect recognition using acoustic features of voiced segments", ICCSIT 2017, 23-25 October, Florence –ITALY, 2017.
2	B. Uslu, E. Sümer, M. Türker, F. Arı, "ALS hastaları için göz bebeği hareketlerine dayalı çevre birimi kontrolü (in Turkish)", Otomatik Kontrol Ulusal Toplantısı (TOK-2016), Osmangazi Üniversitesi, Eskişehir, 29.09 – 01.10.2016.
3	E. Sümer, B. Uslu, M. Türker, "ALS hastaları için akıllı gözlük sistemi: SmartEyes", Akıllı Sistemlerde Yenilikler ve Uygulamaları Sempozyumu (ASYU-2016): Düzce Üniversitesi - Düzce; 29/09/2016.
4	H. Tora, B. Uslu, "Naturalness analysis of the speech synthesized by a TTS Card", IEEE Proceedings of the 24th Conference on Signal Processing and Communication Applications – SIU 2016, Zonguldak, pp. 1741-1744., 2016.

5	B. Uslu, H. Tora, "Kurtosis ile ayrıık kelimelerin ötümlü-ötümsüz ses parçalarına bölütlenmesi, IEEE 23. Sinyal İşleme ve İletişim Uygulamaları Sempozyumu SİU- 2015, 16-19 Mayıs, Malatya, 2015.
6	H. Tora, B. Uslu, "Higher order statistical analysis of Turkish phones", IEEE Proceedings of the 22th Conference on Signal Processing and Communication Applications – SIU 2014, Trabzon, 2014.
7	O. Koçak and B. Uslu, "Interdisciplinary analysis of Biomedical Engineering in Turkey", MEUK 2012, 31 Ekim –3 Kasım, pp. 248-255, Lara-Antalya, 2012.
8	B. Uslu, A. E. Yılmaz, H. Gökhan İlk, "Türkçe metinden konuşma sentezlemede fil çekimleri için yeni bir ezgi modeli", IEEE 19. Sinyal İşleme ve İletişim Uygulamaları Sempozyumu SİU-2011, s. 638-641, 20-22 Nisan, Kemer-Antalya, 2011.
9	B. Uslu, A. E. Yılmaz, H. Gökhan İlk, "Statistical digram and trigram analysis of Turkish in terms of coverage and entropy for possible language and speech based applications", EUSIPCO 2010, pp. 776-780, 23-27 Ağustos 2010, Aalborg – DENMARK, 2010.
10	B. Uslu, H. Gökhan İlk, "Türkçe metinden konuşma sentezlemede Fujisaki ezgi modeli", IEEE 17. Sinyal İşleme ve İletişim Uygulamaları Kurultayı (SİU 2009), s. 844–847, 9-11 Nisan, Antalya, 2009.

CITATIONS

Sum of times cited without self-citations (ISI Web of Science):	3
H-index (ISI Web of Science):	1

COURSES GIVEN

1	EE519 Speech Processing and Applications
2	EE493, 494 Engineering Design Project I, II
3	EE448 Pattern Recognition
4	EE306 Digital Signal Processing
5	EE209, 210 Circuit Analysis I, II
6	EE234 Introduction to Electrical Engineering

THESES SUPERVISED

1	Ongun Yücesan, "Multispectral Illumination, Analysis and Novel Applications", Ph.D. thesis, 2018 - ... (ongoing).
2	Evrin Yılmaz, "Detecting Air Traffic Controllers' Stress Levels Using Machine Learning Techniques", M.Sc. thesis, 2018 - ... (ongoing).
3	Erhan Akan, "Design and Implementation of a Gesture Recognition System Using Sensor Fusion", 2017 - ... (ongoing).
4	Saleh Abulgasem, "Speech Coding Techniques in Mobile Communication Systems", M.Sc. thesis, 2017.
5	Timur Karamehmet, "Implementation of Turkish Text-to-Speech Synthesis Using RC8660 Voice Synthesizer", M.Sc. thesis, 2015.