

# Prof. ÖZGÜL SALOR DURNA

## Personal Information

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## International Researcher IDs

ORCID: 0000-0003-0871-1379

Yoksis Researcher ID: 50325

## Education Information

Doctorate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Elektrik-Elektronik Mühendisliği (Dr), Turkey 1999 - 2005

Postgraduate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Elektrik Ve Elektronik Mühendisliği (YI) (Tezli), Turkey 1997 - 1999

Undergraduate, Middle East Technical University, Faculty Of Engineering, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 1993 - 1997

## Foreign Languages

English, C1 Advanced

## Dissertations

Doctorate, Voice transformation and development of related speech analysis tools for Turkish, Middle East Technical University, Analiz ve Fonksiyonlar Teorisi, Elektrik-Elektronik Mühendisliği (Dr), 2005

Postgraduate, Signal processing aspect of test to speech synthezier in Turkish, Middle East Technical University, Analiz ve Fonksiyonlar Teorisi, Elektrik Ve Elektronik Mühendisliği (YI) (Tezli), 1999

## Academic Titles / Tasks

Professor, Kırgızistan-Türkiye Manas Üniversitesi, Faculty of Engineering, Department of Electrical and Electronics Engineering, 2019 - Continues

Professor, Gazi University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği, 2017 - Continues

Associate Professor, Gazi University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2011 - 2017

Research Assistant, Middle East Technical University, Faculty Of Engineering, Elektrik-Elektronik Mühendisliği Bölümü, 1998 - 2005

## Academic and Administrative Experience

Head of Department, Kırgızistan-Türkiye Manas Üniversitesi, Faculty of Engineering, Department of Electrical and Electronics Engineering, 2019 - 2024

Head of Department, Kırgızistan-Türkiye Manas Üniversitesi, Faculty of Engineering, Department of Industrial

## Advising Theses

- SALOR DURNA Ö., Development Of New Frequency And Time-Frequency Analysis Approaches On Power System Signals And Their Implementation On Hardware-In-The-Loop Framework, Doctorate, E.SEZGİN(Student), 2020
- SALOR DURNA Ö., A NEW POWER SYSTEM HARMONICS AND INTERHARMONICS ESTIMATION METHOD BASED ON OPTIMIZATION ALGORITHMS AND A GENERAL PERFORMANCE CRITERIA PROPOSAL FOR AMPLITUDE ESTIMATION ALGORITHMS, Doctorate, Ç.ALTINTAŞI(Student), 2020
- SALOR DURNA Ö., Synchrophasor Measurement Method Based On Quadrature Amplitude Modulation, Postgraduate, A.GÖKOĞLU(Student), 2020
- SALOR DURNA Ö., Statistical Modeling Of Electric Arc Furnace Currents For Harmonic Estimation From Power System Signal Samples Using Deep Learning Framework, Doctorate, N.SEVEROĞLU(Student), 2020
- SALOR DURNA Ö., Harmonic Analysis Of Power Signals Via Amplitude Modulation, Postgraduate, A.ESRA(Student), 2019
- SALOR DURNA Ö., Development Of Efficient Algorithms For Flicker, Harmonics And Interharmonics Estimations And Power Quality Event Classification Specially Designed For Highly Time-Varying Loads Of Power Systems, Doctorate, E.Balouji(Student), 2019
- SALOR DURNA Ö., Development of efficient algorithms for flicker, harmonics and interharmonics estimations and power quality event classification specially designed for highly time-varying loads of power systems, Doctorate, E.BALOUJI(Student), 2019
- SALOR DURNA Ö., Deep Learning Based Detection And Classification Of Unmanned Aerial Vehicles, Postgraduate, O.DEMİR(Student), 2019
- SALOR DURNA Ö., Music /Singing Voice Separation, Postgraduate, S.MELİH(Student), 2018
- SALOR DURNA Ö., Enhancement Of The Methods Sensitive To Low & High - Frequency Interharmonics And Robust To Fundamental Frequency Deviations For The Calculation Of The Light Flicker, Doctorate, S.AKKAYA(Student), 2018
- SALOR DURNA Ö., Sentetik açıklıklı radar görüntülerinde otomatik hedef tanıma, Postgraduate, M.ESAT(Student), 2016
- SALOR DURNA Ö., Automatic target recognition in synthetic aperture radar Images, Postgraduate, M.Esat(Student), 2016
- SALOR DURNA Ö., Development of fast and robust spectral decomposition method for nonlinear industrial loads with current frequency spectrum rich in harmonic and interharmonic content, Doctorate, E.UZ(Student), 2016
- SALOR DURNA Ö., Güç sistemlerinde modülasyon ve Kalman süzgeci tekniklerini kullanarak araharmonik analizi, Postgraduate, M.DUMAN(Student), 2015
- SALOR DURNA Ö., Speaker Dependent Isolated Word Recognition System Designed For Smart Home Appliances, Postgraduate, A.ÇİÇEK(Student), 2015
- SALOR DURNA Ö., Speaker Dependent Isolated Word Recognition Using Pattern Recognition Techniques, Postgraduate, B.KESKİN(Student), 2015
- SALOR DURNA Ö., Real-Time Recognition System Of Letter-Based Turkish Sign Language, Postgraduate, İ.DEMİRLER(Student), 2015
- SALOR DURNA Ö., Harmonics And Interharmonics Analysis Of Power Signals Using Synthetic Resampling, Postgraduate, E.GÜNLÜ(Student), 2015
- SALOR DURNA Ö., Digital Design And Implementation Of The Iec Flickermeter, Postgraduate, A.TOPÇU(Student), 2015
- SALOR DURNA Ö., Investigation Of Harmonic Current Contributions At The Point Of Common Coupling Based On Power System State Estimation, Postgraduate, E.SEZGİN(Student), 2015
- SALOR DURNA Ö., Interharmonic analysis in power systems using modulation and Kalman filtering techniques, Postgraduate, M.Duman(Student), 2015
- SALOR DURNA Ö., Ayrışık sözcük tabanlı türkçe konuşmacı tanıma sistemi geliştirme ve anahtar kelime seçiminin konuşmacı tanıma başarımına etkisinin incelenmesi, Postgraduate, Z.ŞENTÜRK(Student), 2015
- SALOR DURNA Ö., Developing An Isolated Word Based Turkish Speaker Recognition System And Investigation Of The Keyword Choice On The Speaker Recognition Performance, Postgraduate, Z.ŞENTÜRK(Student), 2015
- SALOR DURNA Ö., Design and development of a simple power quality monitor for low voltage distribution system,

Postgraduate, Ö.YAZLIK(Student), 2014

SALOR DURNA Ö., Automatic Clustering Of Power Quality Events Using Pattern Recognition Techniques For Smart Grid Applications, Postgraduate, E.BALOUJÍ(Student), 2014

SALOR DURNA Ö., Opti-acoustic stereo imaging, Postgraduate, H.SAÇ(Student), 2012

SALOR DURNA Ö., Flicker source identification at a point of common coupling of the power system, Postgraduate, E.ALTINTAŞ(Student), 2010

SALOR DURNA Ö., Light flicker evaluation of electric arc furnaces based on novel signal processing algorithms, Postgraduate, N.KÖSE(Student), 2009

SALOR DURNA Ö., A new field-data based EAF (electric arc furnace) model applied to power quality studies, Postgraduate, M.GÖL(Student), 2009

## **Memberships / Tasks in Scientific Organizations**

IEEE Industry Applications Society Metal Industry Committee , Vice President, 2020 - Continues, United States Of America

## **Metrics**

Publication: 62

Citation (WoS): 785

Citation (Scopus): 1163

H-Index (WoS): 19

H-Index (Scopus): 21

## **Non Academic Experience**

TÜBİTAK Uzay Teknolojileri Araştırma Enstitüsü

HAVELSAN A. Ş.

Center for Spoken Language Research, University of Colorado at Boulder, ABD

A SELSAN A. Ş.