

## Asst. Prof. EMİNE BOSTANCI

### Personal Information

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### International Researcher IDs

ScholarID: m-LX\_bYAAAAJ

ORCID: 0000-0002-3047-6953

Publons / Web Of Science ResearcherID: AAZ-9175-2020

ScopusID: 55922940100

Yoksis Researcher ID: 284105

### Foreign Languages

German, C1 Advanced

### Dissertations

Doctorate, Performance analysis of brushless DC machines with axially displaceable rotor, Universitaet Hannover, 2014

Postgraduate, Modelling and testing of a brushless DC machine drive for automobile propulsion applications, Rheinisch-Westfaelische Technische Hochschule Aachen, 2010

### Research Areas

Electrical Machine Theory and Design, Electric Motor Drivers

### Academic Titles / Tasks

Assistant Professor, Middle East Technical University, Faculty of Engineering, Department of Electrical and Electronics Engineering, 2018 - Continues

Researcher, The University of Dallas, Mühendislik Fakültesi, Elektronik Mühendisliği, 2015 - 2017

### Academic and Administrative Experience

Bölüm Başkan Danışmanı, Middle East Technical University, Faculty of Engineering, Department of Electrical and Electronics Engineering, 2019 - Continues

### Courses

Electromechanical Energy Conversion II, Undergraduate, 2019 - 2020

Utilization of Electric Energy, Undergraduate, 2019 - 2020, 2018 - 2019

Electromechanical Energy Conversion I, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019

Electric Drives in Electric and Hybrid Electric Vehicles, Postgraduate, 2018 - 2019

## Advising Theses

Bostancı E., Design, analysis and implementation of a 50 W wireless charger of a charging vest battery, Postgraduate, M.EREN(Student), 2020

Bostancı E., Performance and Thermal Reliability Comparisons of 2-Level and 3-Level NPC Voltage Source Inverters for Electric Vehicle Drive Applications, Postgraduate, A.Madan(Student), 2019

## Designed Lessons

Bostancı E., Electric Drives in Electric and Hybrid Electric Vehicles , Postgraduate, 2018 - 2019

## Supported Projects

BOSTANCI E., YAZICI Ö., Project Supported by Higher Education Institutions, Elektrik Makinası Testleri için Modüler Test Düzeneği ve Ölçüm Sistemi, 2021 - Continues

Bostancı E., Keysan O., TUBITAK Project, Design of a Permanent Magnet Assisted Synchronous Reluctance Machine for Vehicle Traction Application, 2018 - 2020

## Patent

Bostancı E., Neuschl Z., Rauch O., Mertens C., Plikat R., Vorrichtung für eine Elektro-Maschine, Patent, CHAPTER H Electricity, The Invention Registration Number: DE102013004057B4 , Standard Registration, 2019

## Mobility Activity

Other, Guest Researcher, University of Windsor, Canada, 2019 - 2019

## Metrics

Publication: 26

Citation (WoS): 378

Citation (Scopus): 426

H-Index (WoS): 9

H-Index (Scopus): 9

## Non Academic Experience

Company, Ansys Inc., Düşük Frekans Hesaplamaları

Ansys Inc., San Jose/ABD

Volkswagen AG, Wolfsburg/Almanya

Company, Volkswagen A.G., Volkseagen Grup Araştırma / Sürüş Sistemleri