

## Prof. Güneş Zeynep Karabulut Kurt

### Personal Information

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### International Researcher IDs

ORCID: 0000-0001-7188-2619

Publons / Web Of Science ResearcherID: D-7561-2014

ScopusID: 57201960599

Yoksis Researcher ID: 186800

### Biography

**Assoc. Prof. Gunes Karabulut Kurt** received the B.S. degree (with honors) in electronics and electrical engineering from Bogazici University, Istanbul, Turkey, in 2000 and the M.A.Sc. and Ph.D. degrees in electrical engineering from the University of Ottawa, Ottawa, ON, Canada, in 2002 and 2006, respectively. From 2000 to 2005, she was a Research Assistant with the CASP Group, University of Ottawa. Between 2005 and 2006, she was with TenXc Wireless, where she worked on location estimation and radio frequency identification systems. From 2006 to 2008, she was with Edgewater Computer Systems Inc., where she worked on high-bandwidth networking in aircraft and priority-based signaling methodologies. From 2008 to 2010, she was with Turkcell R&D Applied Research and Technology, Istanbul. Since 2010, she has been with Istanbul Technical University, where she is currently an Associate Professor. Dr. Karabulut Kurt is a Marie Curie Fellow and her project REALMARS is selected to be a success story by European Commission Research Executive Agency. She is the author of numerous publications and 7 international patents. Dr. Karabulut was involved in various research projects including STREP, EUREKA and ITEA-2 projects on wireless networks. She is a management committee member of the COST Action 1104.

### Education Information

Doctorate, University of Ottawa, Elektrik-Elektronik Mühendisliği Pr., Canada 2002 - 2006

Postgraduate, University of Ottawa, Elektrik-Elektronik Mühendisliği Pr., Canada 2000 - 2002

Undergraduate, Bogazici University, Faculty Of Engineering, Department Of Electrical And Electronics Engineering, Turkey 1996 - 2000

### Foreign Languages

English

### Dissertations

Doctorate, Sequential Basis Selection Algorithms with Applications in Wireless Communication, University Of Ottawa, Elektrik-Elektronik Mühendisliği, Elektrik-Elektronik Mühendisliği, 2006

Postgraduate, Design Considerations in Multi-level Coded System, University Of Ottawa, Elektrik-Elektronik Mühendisliği, Elektrik-Elektronik Mühendisliği, 2002

## Research Areas

Technical Sciences, Information Systems, Communication and Control Engineering, Communication Engineering, Communication Networks, Wireless Communication

## Academic Titles / Tasks

Associate Professor, Istanbul Technical University, Elektrik-Elektronik Fakültesi, Elektronik Ve Haberleşme Mühendisliği Bölümü, 2014 - Continues

Assistant Professor, Istanbul Technical University, Elektrik-Elektronik Fakültesi, Elektronik Ve Haberleşme Mühendisliği Bölümü, 2010 - Continues

## Academic and Administrative Experience

İstanbul Teknik Üniversitesi, Elektrik-Elektronik Fakültesi, Elektronik Ve Haberleşme Mühendisliği Bölümü, 2012 - Continues

## Courses

Design and Application of Digital Communication Systems, Undergraduate, 2016 - 2017, 2015 - 2016

Analog Communications, Undergraduate, 2016 - 2017

Design and Application of Basic Communication Systems, Undergraduate, 2016 - 2017, 2014 - 2015

## Supported Projects

Karabulut Kurt G. Z., Project Supported by Higher Education Institutions, AĞ KODLAMALI, DAĞITIK TELSİZ VERİ DEPOLAMA YÖNTEMİ, 2016 - 2019

Karabulut Kurt G. Z., Project Supported by Higher Education Institutions, KARIŞIM MODELLERİ İLE KONUMLANDIRMA TEKNİKLERİ, 2016 - 2019

Karabulut Kurt G. Z., Project Supported by Higher Education Institutions, ENERJİ HASATLAMA TEKNİKLERİNDE ÇEŞİTLEME KAZANCININ İNCELENMESİ, 2016 - 2019

Karabulut Kurt G. Z., Project Supported by Higher Education Institutions, Çok-kaynaklı Çok-röleli Ağ Kodlamalı İşbirlikli Sistemlerde Kanal Kestirim Hatası Durumunda Sonlu SNR DMT Analizi, 2016 - 2018

Karabulut Kurt G. Z., Project Supported by Higher Education Institutions, Pratik Tam Çift Yönlü Fiziksel Katman Ağ Kodlama, 2014 - 2018

Karabulut Kurt G. Z., Project Supported by Higher Education Institutions, Genişletilmiş Kalman Tabanlı Etkileşimli Çoklu Model ve Veri Tümlleştirme ile Çok Taşıyıcılı sistemlerde Konum Belirleme, 2011 - 2018

Karabulut Kurt G. Z., Project Supported by Higher Education Institutions, ÇOK TAŞIYICILI SİSTEMLER İÇİN BİRİM YOĞUNLUKLU EKSENLERDE LOKALİZE DARBE, 2010 - 2018

Karabulut Kurt G. Z., Project Supported by Higher Education Institutions, Mobil Cihazlarda Kullanıcı Davranışı Modelleme, 2012 - 2015

Karabulut Kurt G. Z., Project Supported by Higher Education Institutions, Tam-Çift Yönlü Haberleşme Sistemlerinin Başarım Analizleri, 2013 - 2014

## Activities in Scientific Journals

TURKISH JOURNAL OF ELECTRICAL ENGINEERING & COMPUTER SCIENCES , Committee Member, 2015 - Continues

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

IEEE Turkey Section, Vice President, 2016 - Continues

## **Scientific Refereeing**

February 2017

## **Metrics**

Publication: 224

Citation (WoS): 243

Citation (Scopus): 300

H-Index (WoS): 7

H-Index (Scopus): 10

## **Non Academic Experience**

Turkcell İletişim Hizmetleri A.Ş.

Edgewater Computer Systems Inc.

TenXc Wireless