

## Asst. Prof. YONCA BAYRAKDAR

### Personal Information

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### Education Information

Doctorate, Ege University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey 2005 - 2012

Under Graduate, Marmara University, Mühendislik Fakültesi, Bilgisayar Mühendisliği (İngilizce), Turkey 2000 - 2004

### Foreign Languages

English, B2 Upper Intermediate

Portuguese, A1 Beginner

Spanish, A1 Beginner

### Dissertations

Doctorate, Sualtı Kablosuz Algılayıcı Ağları İçin Yönlendirme Protokolü Geliştirimi, Ege University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği, 2012

### Research Areas

Computer Sciences, algorithms, Distributed Systems, Computer Networks, Communications and Network Protocols, Data Routing, Software, Software Engineering, Physics, Electromagnetism, Acoustics, Heat Transfer, Classical Mechanics and Fluid Dynamics, Acoustics, Natural Sciences, Engineering and Technology

### Academic Titles / Tasks

Assistant Professor, Canakkale Onsekiz Mart University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2018 - Continues

Assistant Professor, Canakkale Onsekiz Mart University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2017 - 2018

Research Assistant PhD, Canakkale Onsekiz Mart University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2013 - 2017

Research Assistant, Ege University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2005 - 2013

### Professional Experience

Deputy Head of Department, Canakkale Onsekiz Mart University, 2017 - 2018

## Courses

Bilgisayar Programlama, Under Graduate, 2017 - 2018, 2018 - 2019

Yazılım Testi, Post Graduate, 2018 - 2019

Programlama Dilleri Kavramları, Under Graduate, 2016 - 2017, 2017 - 2018, 2018 - 2019

Yazılım Mühendisliği, Under Graduate, 2017 - 2018, 2018 - 2019

İşletim Sistemleri, Under Graduate, 2017 - 2018, 2018 - 2019

Yapısal Programlama, Under Graduate, 2016 - 2017

## Articles Published in Other Journals

### I. SUALTI KABLOSUZ ALGILAYICI AĞLARI İÇİN ENERJİ ETKİNYÖNLENDİRME PROTOKOLÜ

BAYRAKDAR Y., KANTARCI A.

Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, vol.12, no.44, pp.27-38, 2013 (Other Refereed National Journals)

## Refereed Congress / Symposium Publications in Proceedings

### I. Energy aware underwater routing: A pool experiment

BAYRAKDAR Y.

25th Telecommunications Forum, TELFOR 2017, Belgrade, Serbia, 21 - 22 November 2017, pp.1-4

### II. Energy Aware Underwater Routing: A Pool Experiment

BAYRAKDAR Y.

25th Telecommunication Forum (TELFOR), Belgrade, Serbia And Montenegro, 21 - 22 November 2017, pp.238-241

### III. Routing protocol for AUV communications: report from field tests

BAYRAKDAR Y., Pinto J., Pereira J., Teixeira J.

Oceans Aberdeen Conference, Aberdeen, United Kingdom, 19 - 22 June 2017

### IV. IT Women in Turkey Education and Career Obstacles

BAYRAKDAR Y., ÖZGÖBEK Ö.

22nd ICE/IEEE International Technology Management Conference, 13 - 15 June 2016

### V. A comparative view of routing protocols for underwater wireless sensor networks

Bayrakdar Y., MERATNIA N., KANTARCI A.

OCEANS 2011 IEEE - Spain, Santander, Spain, 6 - 09 June 2011

## Scientific Refereeing

IEEE Communication Letters, SCI Journal, September 2016