

Dr.Öğr.Üyesi BAHİR ATAY ÖZGÖVDE

Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, Boğaziçi Üniversitesi, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (Dr), Türkiye 2001 - 2009

Yüksek Lisans, Boğaziçi Üniversitesi, Çevre Bilimleri Enstitüsü, Çevre Bilimleri Anabilim Dalı, Türkiye 1995 - 1998

Lisans, Boğaziçi Üniversitesi, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Türkiye 1990 - 1995

Yabancı Diller

İngilizce, C1 İleri

Akademik Unvanlar / Görevler

Yrd.Doç.Dr., Galatasaray Üniversitesi, Mühendislik Ve Teknoloji Fakültesi, Bilgisayar Mühendisliği Bölümü, 2010 - Devam Ediyor

Araştırma Görevlisi, Boğaziçi Üniversitesi, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2002 - 2009

Yönetilen Tezler

ÖZGÖVDE B. A., Load related feature engineering for query execution time prediction, Yüksek Lisans,

Y.YENİGÜN(Öğrenci), 2018

ÖZGÖVDE B. A., Evaluating feasibility of container virtualization for virtual network functions, Yüksek Lisans,

U.ERGÜN(Öğrenci), 2018

ÖZGÖVDE B. A., Akıllı telefonlar üzerinde gerçek zamanlı eylem tanıma, Yüksek Lisans, D.COŞKUN(Öğrenci), 2014

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Optimal server and service deployment for multi-tier edge cloud computing**
Ahat B., BAKTIR A. C., Aras N., ALTINEL İ. K., Ozgovde A., ERSOY C.
COMPUTER NETWORKS, cilt.199, 2021 (SCI-Expanded)
- II. **Machine Learning-Based Workload Orchestrator for Vehicular Edge Computing**
Sonmez C., Tunca C., Ozgovde A., ERSOY C.
IEEE TRANSACTIONS ON INTELLIGENT TRANSPORTATION SYSTEMS, cilt.22, sa.4, ss.2239-2251, 2021 (SCI-Expanded)
- III. **Fault tolerance in SDN data plane considering network and application based metrics**
Yamansavascilar B., BAKTIR A. C., Ozgovde A., ERSOY C.
JOURNAL OF NETWORK AND COMPUTER APPLICATIONS, cilt.170, 2020 (SCI-Expanded)
- IV. **SLA-aware optimal resource allocation for service-oriented networks**

BAKTIR A. C., Ahat B., Aras N., Ozgovde A., ERSOY C.

FUTURE GENERATION COMPUTER SYSTEMS-THE INTERNATIONAL JOURNAL OF ESCIENCE, cilt.101, ss.959-974, 2019 (SCI-Expanded)

V. Application-Aware Dynamic Energy Management for Portable Devices

PINARER Ö., Ozgovde A.

COMPUTER, cilt.52, sa.11, ss.62-72, 2019 (SCI-Expanded)

VI. Fuzzy Workload Orchestration for Edge Computing

Sonmez C., Ozgovde A., ERSOY C.

IEEE TRANSACTIONS ON NETWORK AND SERVICE MANAGEMENT, cilt.16, sa.2, ss.769-782, 2019 (SCI-Expanded)

VII. EdgeCloudSim: An environment for performance evaluation of edge computing systems

Sonmez C., Ozgovde A., ERSOY C.

TRANSACTIONS ON EMERGING TELECOMMUNICATIONS TECHNOLOGIES, cilt.29, sa.11, 2018 (SCI-Expanded)

VIII. SDN-Based Multi-Tier Computing and Communication Architecture for Pervasive Healthcare

BAKTIR A. C., Tunca C., Ozgovde A., Salur G., ERSOY C.

IEEE ACCESS, cilt.6, ss.56765-56781, 2018 (SCI-Expanded)

IX. Dynamic energy-aware sensor configuration in multi-application monitoring systems

Pinarer O., Gripay Y., Servigne S., Ozgovde A., Baskurt A.

PERVASIVE AND MOBILE COMPUTING, cilt.41, ss.192-204, 2017 (SCI-Expanded)

X. How Can Edge Computing Benefit From Software-Defined Networking: A Survey, Use Cases, and Future Directions

BAKTIR A. C., Ozgovde A., ERSOY C.

IEEE COMMUNICATIONS SURVEYS AND TUTORIALS, cilt.19, sa.4, ss.2359-2391, 2017 (SCI-Expanded)

XI. Distributed and Online Fair Resource Management in Video Surveillance Sensor Networks

Durmus Y., Ozgovde A., ERSOY C.

IEEE TRANSACTIONS ON MOBILE COMPUTING, cilt.11, sa.5, ss.835-848, 2012 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

I. Improving the Energy Efficiency of Wearable Computing Units Using on Sensor Fifo Memory

PINARER Ö., ÖZGÖVDE B. A.

International Journal of e-Education, e-Business, e-Management and e-Learning, cilt.5, sa.2, ss.105-113, 2015 (Hakemli Dergi)

II. Wireless health monitoring for multiple patients on android phone with embedded computation

PINARER Ö., Parmaksiz A., Ibrahim A., ARSLAN R. B., ÖZGÖVDE B. A.

Biomedical Engineering, cilt.9, sa.1, ss.569, 2012 (Scopus)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

I. Enhancing QoE for Video Streaming Considering Congestion: A Fault Tolerance Approach

Yamansavascilar B., BAKTIR A. C., Ozgovde A., ERSOY C.

IEEE Conference on Computer Communications (IEEE INFOCOM), Paris, Fransa, 29 Nisan - 02 Mayıs 2019, ss.258-263

II. Performance Evaluation of Single-Tier and Two-Tier Cloudlet Assisted Applications

Sonmez C., Ozgovde A., ERSOY C.

IEEE International Conference on Communications (ICC) / Wireless Communications Symposium / 3rd Workshop on Optical Wireless Communications (OWC), Paris, Fransa, 21 - 25 Mayıs 2017, ss.302-307

III. Fault Tolerant Data Plane Using SDN

Yamansavascilar B., BAKTIR A. C., Ozgovde A., ERSOY C.

25th Signal Processing and Communications Applications Conference (SIU), Antalya, Türkiye, 15 - 18 Mayıs 2017

- IV. **EdgeCloudSim: An Environment for Performance Evaluation of Edge Computing Systems**
Sonmez C., Ozgovde A., ERSOY C.
2nd International Conference on Fog and Mobile Edge Computing (FMEC), Valencia, İspanya, 8 - 11 Mayıs 2017, ss.39-44
- V. **HETEROGENEOUS SENSOR DATA EXPLORATION AND SUSTAINABLE DECLARATIVE MONITORING ARCHITECTURE: APPLICATION TO SMART BUILDING**
Servigne S., Gripay Y., Pinarer O., Samuel J., Ozgovde A., Jay J.
1st International Conference on Smart Data and Smart Cities, Split, Hırvatistan, 7 - 09 Eylül 2016, ss.97-104
- VI. **Energy Enhancement of Multi-application Monitoring Systems for Smart Buildings**
Pinarer O., Gripay Y., Servigne S., Ozgovde A.
28th International Conference on Advanced Information Systems Engineering (CAiSE), Ljubljana, Slovenya, 13 - 17 Haziran 2016, cilt.249, ss.131-142
- VII. **Real-Time Multi-Application based Sensor Flux Management**
Pinarer O., Gripay Y., Servigne S., Ozgovde A.
24th Signal Processing and Communication Application Conference (SIU), Zonguldak, Türkiye, 16 - 19 Mayıs 2016, ss.765-768
- VIII. **APPLICATION SPECIFIC DYNAMIC SLEEP SCHEDULING**
PINARER Ö., Ozgovde A.
23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Türkiye, 16 - 19 Mayıs 2015, ss.1765-1768
- IX. **Phone Position/Placement Detection using Accelerometer: Impact on Activity Recognition**
Coskun D., DURMAZ İNCEL Ö., Ozgovde A.
2015 IEEE Tenth Int Conference on Intelligent Sensors Sensor Networks & Information Proc (IISNIP), Singapore, Singapur, 7 - 09 Nisan 2015
- X. **POSITION-AWARE ACTIVITY RECOGNITION ON MOBILE PHONES**
Coskun D., DURMAZ İNCEL Ö., Ozgovde A.
22nd IEEE Signal Processing and Communications Applications Conference (SIU), Trabzon, Türkiye, 23 - 25 Nisan 2014, ss.1930-1933
- XI. **CHARACTERIZATION OF MOBILE APPLICATIONS ACCORDING TO THEIR ENERGY CONSUMPTIONS**
PINARER Ö., Ozgovde A.
22nd IEEE Signal Processing and Communications Applications Conference (SIU), Trabzon, Türkiye, 23 - 25 Nisan 2014, ss.1995-1998
- XII. **Energy aware activity level monitoring with accelerometers**
PINARER Ö., ARSLAN R. B., ÖZGÖVDE B. A.
16th National Biomedical Engineering Meeting (BIYOMUT2012), Türkiye, 3 - 05 Ekim 2012
- XIII. **Topological measures for the analysis of wireless sensor networks**
Labatut V., Ozgovde A.
3rd International Conference on Ambient Systems, Networks and Technologies (ANT) / 9th International Conference on Mobile Web Information Systems (MobiWIS), Niagara Falls, Kanada, 27 - 29 Ağustos 2012, cilt.10, ss.397-404
- XIV. **Wireless monitoring of health data via an open platform**
PINARER Ö., ARSLAN R. B., ÖZGÖVDE B. A.
15th National Biomedical Engineering Meeting (BIYOMUT2011), Türkiye, 13 - 16 Ekim 2011
- XV. **Extending the wireless monitoring period for e health applications**
PINARER Ö., ARSLAN R. B., ÖZGÖVDE B. A.
Akademik Bilisim AB'11, Türkiye, 2 - 04 Şubat 2011

Desteklenen Projeler

ÖZGÖVDE B. A., Yükseköğretim Kurumları Destekli Proje, YAYGIN HESAPLAMA VE MOBİL BULUT BİLİŞİM

SİSTEMLERİNİN BAŞARIM ANALİZİ, 2016 - 2018

ÖZGÖVDE B. A., Yükseköğretim Kurumları Destekli Proje, BİLGİ VE İLETİŞİM TEKNOLOJİLERİNDE YEŞİL
YAKLAŞIMLARIN MODELLENMESİ, 2012 - 2015

ÖZGÖVDE B. A., Yükseköğretim Kurumları Destekli Proje, ALGILAYICI AĞLARIN KARMAŞIK SİSTEM ÖZELLİKLERİNİN
İNCELENMESİ, 2010 - 2012

ÖZGÖVDE B. A., Yükseköğretim Kurumları Destekli Proje, TELSİZ ALGILAYICI AĞLARDA ÇOK-KİPLİ E-SAĞLIK
UYGULAMALARININ GELİŞTİRİLMESİ, 2010 - 2012

Metrikler

Yayın: 28

Atıf (WoS): 212

Atıf (Scopus): 337

H-İndeks (WoS): 5

H-İndeks (Scopus): 7