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Personal Information

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Education Information

Doctorate, Istanbul University, Institute of Graduate Studies In Sciences, Bilgisayar Mühendisliği, Turkey 2008 - 2013

Postgraduate, Istanbul University, Institute of Graduate Studies In Sciences, Bilgisayar Mühendisliği, Turkey 2005 - 2008

Undergraduate, Istanbul University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey 2000 - 2005

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Kablosuz Mesh Ağlar ve Kablosuz Mesh Ağ Uygulamaları, Istanbul University, Institute of Graduate Studies In Sciences, Bilgisayar Mühendisliği, 2013

Postgraduate, Yeni Nesil Heterojen Kablosuz Ağlarda QoS Yönlendirme Algoritmaları, Istanbul University, Institute of Graduate Studies In Sciences, Bilgisayar Mühendisliği, 2008

Research Areas

Computer Sciences, Information Security and Reliability, Hiding Information, Information System Reliability, Computer Networks, Communications and Network Protocols, Equipment, Network Architecture, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Istanbul University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2018 - Continues

Research Assistant PhD, Istanbul University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2013 - 2018

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

Academic and Administrative Experience

İstanbul Üniversitesi, Kalite Koordinatörlüğü, 2018 - Continues

Courses

Special Topics on Computer Networks, Undergraduate, 2016 - 2017
Introduction to Programming, Undergraduate, 2016 - 2017
Veri Yapıları, Undergraduate, 2016 - 2017
Introduction to Algorithms, Undergraduate, 2016 - 2017
Introduction to Programming (Uyg.), Undergraduate, 2014 - 2015
Introduction to Programming (İ.Ö.-Uyg.), Undergraduate, 2014 - 2015
Introduction to Algorithms (Uyg. Örgün), Undergraduate, 2015 - 2016
Veri Yapıları (Uyg. İ.Ö.), Undergraduate, 2015 - 2016
Veri Yapıları (Uyg) , Undergraduate, 2014 - 2015
Introduction to Algorithms (İ.Ö.- Uyg), Undergraduate, 2014 - 2015
Introduction to Algorithms (Uyg), Undergraduate, 2014 - 2015
Veri Yapıları (İ.Ö. - Uyg) , Undergraduate, 2014 - 2015
Veri Yapıları (Uyg), Undergraduate, 2012 - 2013
Introduction to Programming (Uyg), Undergraduate, 2013 - 2014
Introduction to Programming (Uyg), Undergraduate, 2013 - 2014

Jury Memberships

Post Graduate, Şükrü OKUL Y.L. Tez Savunması, İstanbul Üniversitesi, May, 2018

Articles Published in Other Journals

- I. **Internet of Things (IOT) and Security Issues**
DURUKAN ODABAŞI Ş.
International Journal of Advances in Electronics and Computer Science, vol.4, pp.47-51, 2017 (Peer-Reviewed Journal)
- II. **A Prediction Model For Performance Analysis in Wireless Mesh Networks**
DURUKAN ODABAŞI Ş., GÜMÜŞ E.
International Journal of Electronics, Mechanical and Mechatronics Engineering (IJEMME), vol.6, pp.1241-1250, 2016 (Peer-Reviewed Journal)
- III. **A Prediction Model For Performance Analysis in Wireless Mesh Networks**
DURUKAN ODABAŞI Ş., GÜMÜŞ E.
INTERNATIONAL JOURNAL OF ELECTRONICS, MECHANICAL AND MECHATRONICS ENGINEERING, vol.6, no.3, pp.1241-1250, 2016 (Peer-Reviewed Journal)
- IV. **A SURVEY ON WIRELESS MESH NETWORKS, ROUTING METRICS AND PROTOCOLS**
DURUKAN ODABAŞI Ş., ZAİM A. H.
International Journal of Electronics, Mechanical and Mechatronics Engineering (IJEMME), vol.2, pp.92-104, 2011 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Internet of Things (IoT) and Security Issues**
DURUKAN ODABAŞI Ş.
International Conference on Science, Technology and Management (ICSTM), Varşova, Poland, 16 - 17 July 2017, pp.1-5
- II. **Performance Evaluation of Security Algorithms for 5G Wireless Networks**

DURUKAN ODABAŞI Ş., HASKIRIŞ M. S.

3rd International Conference on Engineering and Natural Sciences (ICENS 2017), Budapeşte, Hungary, 3 - 07 May 2017, pp.366

III. Survey on Security Issues and Solutions in Cloud Computing

DURUKAN ODABAŞI Ş.

3rd International Conference on Engineering and natural Sciences (ICENS-2017), Budapeşte, Hungary, 3 - 07 May 2017, pp.430

IV. Internet Of Things (IoT), Security and Distributed Denial of Service (DDoS) Attack

DURUKAN ODABAŞI Ş., HASKIRIŞ M. S.

1st International Mediterranean Science and Engineering Congress (IMSEC 2016), Adana, Turkey, 26 - 28 October 2016, pp.5237-5241

V. Interference-Aware Channel Assignment for Multichannel Multiradio Wireless Mesh Networks

DURUKAN ODABAŞI Ş.

International Conference on Engineering and Natural Sciences (ICENS-2016), Saraybosna, Bosnia And Herzegovina, 24 - 28 May 2016, pp.726

VI. Kablosuz Mesh Ağlar

TOZAN S., DURUKAN ODABAŞI Ş., AYDIN M. A.

Akademik Bilişim 2014, Mersin, Turkey, 5 - 07 February 2014

VII. Allocation, Routing, and Assignment Strategies in Wireless Mesh Networks

DURUKAN ODABAŞI Ş., YILTAŞ KAPLAN D.

the Int. Conference on Networking and Future Internet (ICNFI 2012), Turkey, 1 - 04 April 2012, pp.93-98

VIII. Wireless Mesh Sensor Networks: Advantages, Difficulties and Interconnection Methods

DURUKAN ODABAŞI Ş., ZAİM A. H.

the Int. Conference on Networking and Future Internet (ICNFI 2012), Turkey, 1 - 04 April 2012, pp.88-92

IX. Kablosuz Mesh Ağlar, Yönlendirme Metrikleri ve Protokolleri

DURUKAN ODABAŞI Ş.

Akademik Bilişim (AB11), Malatya, Turkey, 1 - 04 January 2012, pp.325-334

X. Lifetime Is The Question On Wireless Sensor Networks

DURUKAN ODABAŞI Ş., ZAİM A. H., TOZAN S.

ICNFI 2011 - The First International Conference on Networking and Future Internet, France, 1 - 04 April 2011

XI. Kablosuz Algılayıcı Ağlar ve Güç Tüketiminin İncelenmesi

DURUKAN ODABAŞI Ş., TOZAN S.

Akademik Bilişim (AB10), Muğla, Turkey, 1 - 04 January 2011, pp.49-55

XII. SMTP Protokolü ve Spam Mail Problemi

DURUKAN ODABAŞI Ş., Yüksel E.

Akademik Bilişim (AB10), Muğla, Turkey, 1 - 04 January 2011, pp.475-481

XIII. Kablosuz Sensör Ağlar ve Kablosuz Sensör Ağlarda Enerji Tüketimi

DURUKAN ODABAŞI Ş., TOZAN S.

Elektrik, Elektronik, Bilgisayar ve Biyomedikal Mühendisliği 13. Ulusal Kongresi, Ankara, Turkey, 1 - 04 January 2010, pp.337-342

XIV. Nesneler İzlenebilir ve Yönetilebilir mi ? Çözüm: RFID

Yüksel E., DURUKAN ODABAŞI Ş.

Akademik Bilişim (AB09), Şanlıurfa, Turkey, 1 - 04 March 2009, pp.127-137

XV. Yeni Nesil Kablosuz Heterojen Ağlar ve Yönlendirme Algoritmaları

DURUKAN ODABAŞI Ş., ZAİM A. H.

Akademik Bilişim (AB09), Şanlıurfa, Turkey, 1 - 04 March 2009, pp.137-146

XVI. Kablosuz Ağlarda Yönlendiriciler ve Yönlendirici Hafızasının Analizi

AYDIN M. A., Tanrıverdi ö., ZAİM A. H., DURUKAN Ş., GÜRKAŞ AYDIN G. Z.

Mühendislik Bilimleri Genç Araştırmacılar Kongresi (MBGAK'2005) II, İstanbul, Turkey, 1 - 04 November 2005, pp.1

XVII. 802.11b Kablosuz Ağlarda Güvenliğin Ağ Trafik Üzerindeki Etkilerinin Analizi

GÜRKAY AYDIN G. Z., DURUKAN Ş., ZAIM A. H., Demir A., AYDIN M. A.

Mühendislik Bilimleri Genç Araştırmacılar Kongresi (MBGAK'2005) II, İstanbul, Turkey, 1 - 04 November 2005, pp.1-2

Supported Projects

AYDIN M. A., ERTÜRK M. A., GÜRKAY AYDIN G. Z., TURNA Ö. C., DURUKAN ODABAŞI Ş., BÜYÜKAKKAŞLAR M. T., Project Supported by Higher Education Institutions, LoRaWAN Gelecek Nesil LPWAN Teknoloji Analizi, 2017 - 2018

Scientific Refereeing

TURKISH JOURNAL OF ELECTRICAL ENGINEERING & COMPUTER SCIENCES, SCI Journal, December 2017

TURKISH JOURNAL OF ELECTRICAL ENGINEERING & COMPUTER SCIENCES, SCI Journal, December 2017

Pamukkale Üniversitesi Mühendislik Bilimleri Dergisi, National Scientific Refreed Journal, May 2016

TURKISH JOURNAL OF ELECTRICAL ENGINEERING & COMPUTER SCIENCES, SCI Journal, December 2015

The KSII Transactions on Internet and Information Systems, SCI Journal, July 2015

TURKISH JOURNAL OF ELECTRICAL ENGINEERING & COMPUTER SCIENCES , SCI Journal, February 2015

The KSII Transactions on Internet and Information Systems, SCI Journal, September 2014

International Journal of Communication Systems, SCI Journal, June 2014

Turkish Journal of Electrical Engineering & Computer Sciences, SCI Journal, February 2014

Turkish Journal of Electrical Engineering & Computer Sciences, SCI Journal, February 2014

SDÜ Fen Bilimleri Enstitüsü Dergisi, National Scientific Refreed Journal, November 2012

Metrics

Publication: 21

Scholarships

Tinçel Vakfı Araştırma Görevlisi Uluslararası Araştırma Bursu, University, 2011 - Continues

Erasmus, European Commission, 2010 - Continues

TÜBİTAK Yurt İçi Doğrudan Doktora Burs Programı, TÜBİTAK, 2008 - Continues

TÜBİTAK Yurt İçi Yüksek Lisans Burs Programı, TÜBİTAK, 2005 - Continues