

Assoc. Prof. RADOSVETA İVANOVA SOKULLU

Personal Information

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Address: Elektrik Elektronik Mühendisliği Bölümü

Education Information

Doctorate, Sofya Teknik Üniversitesi, Radio Elektronik Fakültesi, Bulgaria 1987 - 1990

Undergraduate Minor, Sofya Teknik Üniversitesi, Uygulamalı Matematik Merkezi, Bulgaria 1985 - 1986

Under Graduate, Sofya Teknik Üniversitesi, Radio Elektronik Fakültesi, Bulgaria 1980 - 1985

Associate Degree, Sofya Teknik Üniversitesi, Kamu Meslekler Fakültesi - İlimi Teknik Edebiyatı İngilizce Tercümanı, Bulgaria 1984 - 1984

Foreign Languages

Bulgarian, C1 Advanced

English, C1 Advanced

Dissertations

Doctorate, Entegre Hizmetler Dijital Ağlarında (ISDN) performans değerlendirilmesi ve düzenlenmesi, Sofya Teknik Üniversitesi, Radio Elektronik Fakültesi, 1991

Research Areas

Information Systems, Communication and Control Engineering, Communication Engineering, Communication Networks, Wireless Communication, Telecommunication Applications, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Ege Üniversitesi, Mühendislik Fakültesi, Elektrik Elektronik Bölümü, 2018 - Continues

Assistant Professor, Ege University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2002 - 2018

Lecturer PhD, Ege University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 1999 - 2002

Professional Experience

Anabilim Dalı Akademik Kurul Üyesi, Ege University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2009 - Continues

Erasmus Coordinator, Ege Üniversitesi, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2005 - 2006

Courses

Writing and Presenting in Technical English, Under Graduate, 2007 - 2008, 2008 - 2009, 2009 - 2010, 2010 - 2011, 2011 - 2012, 2012 - 2013, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020

Communication Systems-1, Under Graduate, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2019 - 2020
Wireless Communications, Post Graduate, 2014 - 2015, 2016 - 2017, 2017 - 2018, 2018 - 2019
Introduction to Communication Systems, Under Graduate, 2015 - 2016, 2018 - 2019
Writing in Technical English, Under Graduate, 2007 - 2008, 2008 - 2009, 2009 - 2010, 2010 - 2011, 2011 - 2012, 2012 - 2013, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020
Communication systems - 2, Under Graduate, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019
Computer Networks - 1, Under Graduate, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019
Kablosuz Sensör Ağları, Doctorate, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019
KABLOSUZ SENSÖR AĞLARININ MODELLENMESİ VE TASARIMI, Doctorate, 2012 - 2013, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018

Advising Theses

Sokullu R. İ. , Dron üzerinden trafik yönetimi sistem tasarımı, Post Graduate, Z.ÇALIŞKAN(Student), 2019
SOKULLU R. İ. , LTE yukarı yönlü kaynak tahsisi algoritma geliştirilmesi ve değerlendirilmesi, Post Graduate, H.ESRA(Student), 2018
SOKULLU R. İ. , Mobilite ve trafik farkındalığı olan LTE-A aşağı yönlü kaynak tahsisi, Post Graduate, Ö.YILDIZ(Student), 2017
SOKULLU R. İ. , LTE teknolojisinde makineler arası iletişim için rastgele erişim algoritması tasarımı, Post Graduate, A.BALCI(Student), 2017
Sokullu R. İ. , Petrol Arama Çalışmalarında Yeraltı Telsiz Duyurga Ağları İçin Kanal Modelleme, Doctorate, M.ALPER(Student), 2014
SOKULLU R. İ. , Çizgisel topolojideki yoğun telsiz duyurga ağları için ortam erişim kontrolü protokollerinin enerji verimliliği ve gecikme yönünden incelenmesi, Post Graduate, E.DEMİR(Student), 2014
Sokullu R. İ. , FPGA tabanlı 3D formatlayıcı ile FPR 3D TV anakart tasarımı, Post Graduate, M.AYDIN(Student), 2012
SOKULLU R. İ. , İzmir ve çevresinde 900-2100 Mhz bandında açık alanda radyo dalgası yayılımının modellenmesi, Post Graduate, E.EKİZ(Student), 2011
SOKULLU R. İ. , Telsiz duyurga ağlarda hata toleransı destekli katmanlar arası çerçeve tasarımı, Doctorate, L.ÖZLEM(Student), 2010
SOKULLU R. İ. , Su iletim hatları basınç bilgilerinin deneysel bir ortamda kablosuz sensör ağı ile toplanması, Post Graduate, F.DEMİREL(Student), 2010
Sokullu R. İ. , RF kontrol modülü tasarımı ve güç tüketimi analizi, Post Graduate, B.ORHAN(Student), 2010
Sokullu R. İ. , Kablosuz sensör ağlarının micaz tabanlı biyomedikal uygulaması, Post Graduate, H.ERTÜRK(Student), 2009
SOKULLU R. İ. , Hareketlilik, tıkanıklık ve çekişmenin IEEE 802.15.4 tabanlı ağlardaki ağın performansına olan etkilerinin incelenmesi, Post Graduate, Ç.DÖNERTAŞ(Student), 2008
SOKULLU R. İ. , Medikal kablosuz sensör ağı için platform oluşturulması ve çoklu gönderim algoritması geliştirilmesi, Post Graduate, B.KARTAL(Student), 2006
Sokullu R. İ. , ATM trafik şekillendirme metotları ve tasarım konuları, Post Graduate, L.ÖZLEM(Student), 2004

Designed Lessons

Sokullu R. İ. , Wireless Communications and Networks, Post Graduate, 2007 - 2008
Sokullu R. İ. , Wireless Sensor Networks, Doctorate, 2006 - 2007

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **The Role of Drones in Ambient Assisted Living Systems for the Elderly**
Sokullu R. İ. , Balci A., Demir E.
ENHANCED LIVING ENVIRONMENTS: ALGORITHMS, ARCHITECTURES, PLATFORMS, AND SYSTEMS, vol.11369, pp.295-321, 2019 (Journal Indexed in SCI)
- **Mobility and traffic-aware resource scheduling for downlink transmissions in LTE-A systems**

Yıldız O., Sokullu R. İ.

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.27, pp.2021-2035, 2019 (Journal Indexed in SCI)

- **Channel Modeling and Analysis for Wireless Underground Sensor Networks in Water Medium Using Electromagnetic Waves in the 300-700 MHz Range**

AKKAŞ M. A. , Sokullu R. İ.

WIRELESS PERSONAL COMMUNICATIONS, vol.84, pp.1449-1468, 2015 (Journal Indexed in SCI)

- **Wireless Underground Sensor Networks: Channel Modeling and Operation Analysis in the Terahertz Band**

AKKAŞ M. A. , Sokullu R. İ.

INTERNATIONAL JOURNAL OF ANTENNAS AND PROPAGATION, 2015 (Journal Indexed in SCI)

- **A cross-layer fault tolerance management module for wireless sensor networks**

Karaca O., Sokullu R. İ.

JOURNAL OF ZHEJIANG UNIVERSITY-SCIENCE C-COMPUTERS & ELECTRONICS, vol.13, pp.660-673, 2012 (Journal Indexed in SCI)

- **Application Oriented Multi Criteria Optimization in WSNs Using on AHP**

Karaca O., Sokullu R. İ. , Prasad N. R. , Prasad R.

WIRELESS PERSONAL COMMUNICATIONS, vol.65, pp.689-712, 2012 (Journal Indexed in SCI)

Articles Published in Other Journals

- **Deep Learning for Communication Systems**

Yıldırım M., SOKULLU R. İ. , Saliha P.

Avrupa Bilim ve Teknoloji Dergisi, pp.1012-1025, 2020 (Refereed Journals of Other Institutions)

- **Healthcare and Patient Monitoring Using IoT**

AKKAŞ M. A. , SOKULLU R. İ. , Ertürk Ç. H.

Internet of Things, pp.100173, 2020 (Refereed Journals of Other Institutions)

- **A Novel Fair and Efficient Resource Allocation Scheduling Algorithm for Uplink in LTE-A**

Bilişik H. E. , SOKULLU R. İ.

Andances in Scienceö Technology and Ebngineering Systems Journal, vol.3, pp.222-232, 2018 (Refereed Journals of Other Institutions)

- **Channel Model for Underground Sensor Networks in the Mixture of Crude Oil Water and Soil**

AKKAŞ M. A. , SOKULLU R. İ.

Journal of Communication and Computer, David Publishing, vol.10, pp.1333-1349, 2013 (Refereed Journals of Other Institutions)

- **FPGA Based Wireless Multi Node Transceiver and Monitoring System**

AKIN Ö., BAŞARAN İ., SOKULLU R. İ. , ALAN İ., BÜYÜKKABASAKAL K.

Journal of Mathematics and System Science, vol.2, pp.53-57, 2012 (Refereed Journals of Other Institutions)

- **Dual packet selection for improved Bluetooth performance**

Sokullu R. İ. , KARATEPE E.

International Journal on Communications Antenna and Propagation, vol.1, pp.488-494, 2011 (Refereed Journals of Other Institutions)

- **GTS Attack An IEEE 802 15 4 MAC Layer Attack in Wireless Sensor Networks**

SOKULLU R. İ. , KORKMAZ İ., DAĞDEVİREN O.

IARIA International Journal On Advances in Networks and Services, vol.2, pp.104-114, 2009 (Refereed Journals of Other Institutions)

- **Comparative Performance Evaluation Study of ADMR and ODMRP in the context of Wireless LAN and Wireless Sensor Networks**

L ÖZLEM K., SOKULLU R. İ. , PRASAD R., PRASAD N.

International Journal of Communications, vol.2, pp.45-53, 2008 (Refereed Journals of Other Institutions)

- **Performance Evaluation of Bluetooth Links in the Presence of Specific Types of Interference**

SOKULLU R. İ. , KARATEPE E.

International Journal of Electrical, Computer, Electronics and Communication Engineering, vol.1, pp.562-566, 2007

Books & Book Chapters

- **Unmanned Aerial Vehicle and IoT as Enabling Technologies for 5G: Frameworks, Applications and Challenges**
Sokullu R. İ. , Akkaş M. A.
in: Internet of Things, Smart Computing and Technology: A Roadmap Ahead, Dey, N., Mahalle, P.N., Shafi, P.M., Kimabahune, V.V., Hassaniien, A.E., Editor, Springer, London/Berlin , İzmir, pp.217-239, 2020
- **The Role of Drones in Ambient Assisted Living Systems for the Elderly**
Sokullu R. İ. , Balcı A., Demir E.
in: Enhanced Living Environments: Algorithms, Architectures, Platforms and Systems, Ganchev,I,Garcia,N.M.,Dobre,C.,Mavromoustakis,Goleva,R., Editor, Springer-Verlag , İzmir, pp.295-321, 2019
- **Linear wireless sensor networks and protocols in the next-generation networks**
SOKULLU R. İ. , DEMİR E.
in: Enhanced Living Environments: From models to technologies, Rossitza Ivanova Goleva, Ivan Ganchev, Ciprian Dobre, Nuno Garcia and Carlos Valderrama, Editor, IET - The Institute of Engineering and Technology, 2017
- **M2M Communications and Their Role in AAL**
Sokullu R. İ. , Balcı A.
in: Ambient Assisted Living and Enhanced Living Environments Principles, Technologies and Control, C. Dobre,C. Mavromoustakis,N. Garcia,R. Goleva,G. Mastorakis, Editor, Butterworth-Heinemann , New-York, pp.500-542, 2016
- **Fault Tolerance and Fault Management Issues in Wireless Sensor Networks: Recent Developments**
SOKULLU R. İ. , LÜTFİYE ÖZLEM k. a.
in: Sensors and Signals, S.Y.Yurish and A.D. Malayeri, Editor, IFSA Publishing, Barcelona, pp.51-71, 2015
- **Smart Environments and Cross Layer Design**
SOKULLU R. İ. , LÜTFİYE ÖZLEM K.
in: Smart Wireless Sensor Networks, Hoang Duc Chinh and Yen Kheng Tan, Editor, InTech Publications, Singapore, pp.49-72, 2010

Refereed Congress / Symposium Publications in Proceedings

- **USER FRIENDLY REFRIGERATOR APPLICATION USING IOT**
SOKULLU R. İ.
MAS 10th INTERNATIONALEUROPEAN CONFERENCE ON APPLIED SCIENCES, 14 December 2109 - 15 December 2019
- **See the Wireless**
SOKULLU R. İ.
ICENTE 2019, International Conference on Engineering Technologies, Konya, Türkiye, 25 – 27 October 2019, Konya, Turkey, 25 - 27 October 2019
- **University Campus Air Quality Monitoring Platform**
SOKULLU R. İ. , YILDIZ Ö., BALCI A.
ICOEST 5th International Conference on Environmental Science and Technology, Bosnia And Herzegovina, 9 - 13 October 2019
- **Drone Based Hotspot Network System Design**
Sokullu R. İ. , Çalışkan Z.
PIRMC 2019, IEEE International Symposium on Personal, Indoor and Mobile Radio Communications , İstanbul, Türkiye 08 – 11.09.2019, İzmir, Turkey, 9 - 11 September 2019
- **Drones and Their Application in Ambient Assisted Living**
SOKULLU R. İ. , DEMİR E., BALCI A.
Konya, Türkiye, 26 - 28 October 2018
- **A New Channel Aware LTE-A Uplink Resource Allocation Scheduling Algorithm**
BİLİŞİK H. E. , SOKULLU R. İ.

TELFOR 2017 - 25th Telecommunications Forum, Belgrade, Serbia And Montenegro, 21 - 22 November 2017

- **Performance Evaluation of Different Uplink Resource Allocation Algorithms in LTE Networks**
BİLİŞİK H. E. , SOKULLU R. İ.
ICENTE 2017, Konya, Turkey, 7 - 09 December 2017
- **Enhancing Performance of M2M Random Access in 3Gpp LTE Networks**
SOKULLU R. İ. , BALCI A., AKKAŞ M. A.
ISEEE-2017 5Th International Symposium on Electrical And Electronics Engineering, Galati, Romania, 20 October 2017 - 22 January 2018
- **A Novel Antenna for GPS and Iridium Satellite Phone Applications in M2M Communication**
YİĞİT O., BALCI A., SOKULLU R. İ. , YEĞİN K.
25th Telecommunications Forum, TELFOR 2017, 21 - 22 November 2017
- **Smart Home assistant for Ambient Assisted Living of Elderly People with Dementia**
DEMİR E., SOKULLU R. İ. , ŞEKER B., KOŞEOĞLU E.
ICTH 2017- International Workshop on IoT, M2M and Healthcare (IMH 2017), Lund, Sweden, 18 - 20 September 2017
- **GPS Signal Channel Modelling and Verification**
YİĞİT O., BİLİŞİK H. E. , DEMİR E., SOKULLU R. İ. , YEĞİN K.
ICTH 2017 - International Workshop on IoT, M2M and Healthcare (IMH 2017), Lund, Sweden, 18 - 20 September 2017
- **Effects of LTE Random Access Methods on Healthcare M2M Applications**
BALCI A., SOKULLU R. İ.
International Workshop on IoT, M2M and Healthcare (IMH 2017), 18 - 20 September 2017, vol.113, pp.597-602
- **A novel mobility aware Downlink Scheduling Algorithm for LTE-A Networks**
YILDIZ Ö., SOKULLU R. İ.
ICFUN 2017, Milan, Italy, 4 - 07 July 2017
- **Clustering in Linear Wireless Sensor Networks**
DEMİR E., NAKMOUCHE M. F. , SOKULLU R. İ.
INTERNATIONAL STUDENTS SCIENCE CONFERENCE, İzmir, Turkey, 5 - 06 May 2017, pp.53
- **An IoT-based greenhouse monitoring system with MicaZ nodes**
Akkas M. A. , Sokullu R. İ.
8th International Conference on Emerging Ubiquitous Systems and Pervasive Networks (EUSPN) / 7th International Conference on Current and Future Trends of Information and Communication Technologies in Healthcare (ICTH), Lund, Sweden, 18 - 20 September 2017, vol.113, pp.603-608
- **M2M Communications promises and challenges**
SOKULLU R. İ. , BALCI A.
Global Wireless Summit 2016, Aarhus, Denmark, 27 - 30 November 2016
- **Linear wireless Sensor Networks in M2M Communications MAC Layer Protocol Comparison**
Sokullu R. İ. , Demir E., Balci A., Şeker B.
Global Wireless Summit 2016, Aarhus, Denmark, 27 - 30 November 2016
- **Primary Access Procedures in M2M Networks**
BALCI A., SOKULLU R. İ.
UBICOMM 2016, The Tenth International Conference on Mobile Ubiquitous Computing, Systems, Services and Technologies, Venedik, Italy, 9 - 13 October 2016
- **DESIGNING DIDACTIC MATERIALS FOR SIMULATING LTE SYSTEMS**
Sokullu R. İ. , Yıldız Ö.
Information Technologies (InfoTech-2016)19 - 21 September 2016, Bulgaria, Varna, Bulgaria, 19 - 21 September 2016
- **Analysis and Modelling of Energy Consumption for Wireless Control Modules in Schedule Driven Mode**
Sokullu R. İ.
IET 2016, Sapporo, Japan, 24 - 26 June 2016
- **Wireless sensor networks in oil pipeline systems using electromagnetic waves**
AKKAŞ M. A. , SOKULLU R. İ. , BALCI A.
2015 9th International Conference on Electrical and Electronics Engineering (ELECO), 26 - 28 November 2015

- **BikeEge Bicycle Sharing System for Ege University Students**
 Neşe B., Bahadır A., Akcura N., Sokullu R. İ. , Erol U.
 50th International Conference of Electronics, Systems and Telecommunications (ICEST 2015), Sofija, Bulgaria, 25 - 27 June 2015
- **A Comparative Study of MAC protocols for Linear WSNs**
 Sokullu R., Demir E.
 6th International Conference on Ambient Systems, Networks and Technologies (ANT) / 5th International Conference on Sustainable Energy Information Technology (SEIT), London, Canada, 2 - 05 June 2015, vol.52, pp.492-499
- **MAC Layer Protocols for Linear Wireless Sensor Networks A Survey**
 Akin Ö., Başaran İ., Sokullu R. İ. , Alan İ., Büyükkabasakal K.
 13th International Conference on Telecommunications and Informatics - TELE-INFO'14, İstanbul, Turkey, 15 - 17 December 2014
- **Investigating Energy Efficiency and Timeliness for Linear Wireless Sensor Networks**
 Sokullu R. İ. , Demir E.
 5th International Conference on Emerging Ubiquitous Systems and Pervasive Networks (EUSPN), Halifax, Canada, 22 - 25 September 2014, vol.37, pp.24-31
- **Terahertz Channel Modeling of Underground Sensor Networks in Oil Reservoirs**
 AKKAŞ M. A. , Akyildiz I. F. , Sokullu R. İ.
 IEEE Global Communications Conference (GLOBECOM), California, United States Of America, 3 - 07 December 2012, pp.543-548
- **Fault Management for Smart Wireless Sensor Networks**
 Sokullu R. İ. , Karaca O.
 IEEE 9th International Conference on Ubiquitous Intelligence and Computing (UIC) / IEEE 9th International Conference on Autonomic and Trusted Computing (ATC), Fukuoka, Japan, 4 - 07 September 2012, pp.382-387
- **Comparison of path loss prediction models and field measurements for cellular networks in Turkey**
 Ekiz E., Sokullu R. İ.
 2011 International Conference on Selected Topics in Mobile and Wireless Networking, iCOST 2011, Shanghai, China, 10 - 12 October 2011, pp.48-53
- **Data Gathering System for Watering and Gas Pipelines using Wireless Sensor Networks**
 Sokullu R. İ. , Akkaş M. A.
 7th International Conference on Networking and Services ICSN 2011, Venice, Italy, 22 - 27 May 2011
- **Data Gathering system for Watering and Gas Pipelines Using Wireless Sensor Networks**
 Karaca L. Ö. , Sokullu R. İ.
 7th International Conference on Networking and Services ICSN 2011, Venice, Italy, 22 - 27 May 2011
- **Modelling Power consumption for RF Control Modules**
 Karaca L. Ö. , Sokullu R. İ.
 4th International Conference on Mobile Ubiquitous Computing, Systems, Services and Technologies, UBICOMM 2010, Florence, Italy, 25 - 30 October 2010, pp.139-144
- **NS 2 Eğitimi ve laboratuvar Programı**
 Akkaş M. A. , Sokullu R. İ.
 Elektrik, Elektronik, Bilgisayar Biyomühendislikleri Eğitimi 4. Ulusal Sempozyumu, Eskişehir, Turkey, 22 - 24 October 2009, pp.1-6
- **WEB TABANLI GERİ BESLEMELİ KONTROL SİSTEMİ**
 Sokullu R. İ. , Cihat C., Kuyucuoğlu F.
 ELEKTRİK-ELEKTRONİK-BİLGİSAYAR MÜHENDİSLİĞİ 10. ULUSAL KONGRESİ VE FUARI, İstanbul, Turkey, 18 - 21 September 2003, pp.519-522
- **Simple and Efficient Cross Layer Framework Concept for Wireless sensor Networks**
 Karaca L. Ö. , Sokullu R. İ.
 12th International Symposium on Wireless Personal Multimedia Communications - WPMC 2009, Sendai, Japan, 7 - 10 September 2009
- **On the IEEE 802.15.4 MAC Layer Attacks GTS Attack**
 Sokullu R. İ. , Korkmaz İ., Dağdeviren O.
 SENSORCOMM, Athens, Greece, 17 - 23 June 2009, vol.1

- **Unified Approach to Topology Control in Wireless Sensor Networks**
Karaca L. Ö. , Sokullu R. İ.
ICT Summit 2009, Santander, Santander, Spain, 10 - 12 June 2009
- **Comparative study of Cross Layer Frameworks for wireless sensor networks**
Karaca L. Ö. , Sokullu R. İ.
Wireless Communication, Vehicular Technology, Information Theory and Aerospace & Electronic Systems
Technology - Wireless VITAE 2009, Aalborg, Denmark, 19 - 22 May 2009, pp.860-900
- **On the Relationship between Network Congestion and Local Contention in IEEE 802.15.4 Based Networks**
Sokullu R. İ.
3rd International Conference on Sensor Technologies and Applications, Athens, Greece, 18 - 23 June 2009, pp.25-31
- **Combined effects of mobility, congestion and contention on network performance for IEEE 802.15.4 based networks**
Sokullu R., Donertas C.
2008 23rd International Symposium on Computer and Information Sciences, ISCIS 2008, İstanbul, Turkey, 27 - 29 October 2008
- **AdHoc Multicast Protocol Performance over 802 15 4**
Karaca L. Ö. , Sokullu R. İ.
11th International Symposium on Wireless Personal and Multimedia Communications, WPMC 2008 -, Rovaniemi, Finland, 8 - 11 September 2008
- **Wireless Patient Monitoring System**
Sokullu R. İ. , Akkas M. A. , Cetin H. E.
4th International Conference on Sensor Technologies and Applications (SENSORCOMM), Mestre, Italy, 18 - 25 July 2010, pp.179-184
- **The European Network of Excellence CRUISE application framework and network architecture for wireless sensor networks**
Murray K., Timm-Giel A., Becker M., Guo C., Sokullu R. İ. , Marandin D.
2007 IEEE Globecom Workshops, Washington, United States Of America, 26 - 30 November 2007
- **An Investigation on IEEE 802.15.4 MAC Layer Attacks**
SOKULLU R. İ. , KORKMAZ İ., DAĞDEVİREN O., mitseva a., prasad n. r.
WPMC 2007, Finland, 20 - 24 September 2007
- **Multicast Routing Based on ZigBee**
KARACA L. Ö. , SOKULLU R. İ.
2nd International Conference on Wireless Information Networks and Systems- WINSYS 07, Barcelona, Spain, 28 - 31 July 2007
- **Mobility framework for wireless sensor networks CRUISE approach**
Karaca L. Ö. , Sokullu R. İ.
VTC Spring Workshop - 2007, Dublin, Ireland, 22 - 25 April 2007
- **Adaptive Packet Selection Algorithm for Bluetooth Packets**
Karaca L. Ö. , Sokullu R. İ.
6th Conference on WSEAS International Conference on Applied Computer Science-ACOS'07, Hangzhou, China, 15 - 17 April 2007, pp.160-164
- **DH1, DH3 ve DH5 paket Tiplerinin Kullandığı Bluetooth Ağların MATLAB Simulini ile Modelenmesi ve Adaptif paket Seçimi**
Sokullu R. İ. , Dut P.
ELECO 2006, Bursa, Turkey, 6 - 12 December 2006
- **Kanal Kalitesi Bağlı Bluetooth İletişim Performansının İyileştirmesi**
Sokullu R. İ. , Poyraz U.
ELECO 2006, Bursa, Turkey, 6 - 12 December 2006
- **Bluetooth İntekaktif Eğitim Aracı ve Chat Uygulaması**
Sokullu R. İ. , Doğanay E., Kurtöğlü İ., Karatepe E.
ELECO 2006, Bursa, Turkey, 6 - 12 December 2006

- **Bluetooth İnteraktif Eğitim Aracı ve Chat Uygulaması**
Sokullu R. İ. , Çınar C., Kuyucuoğlu F.
ELECO 2006, Bursa, Turkey, 6 - 12 December 2006
- **Kanal Kalitesi Bağlı Olarak Bluetooth İletişim Performans İyileştirilmesi**
SOKULLU R. İ. , ÇINAR C., KUYUCUOĞLU F.
ELECO 2006, Bursa, Turkey, 6 - 12 December 2006
- **DH1 DH3 ve DH5 Paket Tipleri Kullandığı Bluetooth Ağların Matlab Simulink İle Modelenmesi**
SOKULLU R. İ. , ÇINAR C., KUYUCUOĞLU F.
ELECO 2006, Bursa, Turkey, 6 - 12 December 2006
- **DM1 DM3 ve DM5 Bluetooth Paketlerin Modelenmesi**
Sokullu R. İ. , Çınar C., Kuyucuoğlu F.
ITUSEM 2005, Adana, Turkey, 17 - 19 October 2005
- **Performance Evaluation of SCO and ACL Links**
Karaca L. Ö. , Sokullu R. İ.
WS 2005, Aalborg, Denmark, 17 - 22 September 2005
- **ATM Traffic Shaper Design Using FPGA**
Karaca L. Ö. , Sokullu R. İ.
International Conference on Informatics ICI 2004, İzmir, Turkey, 1 - 03 June 2004
- **MULTI USER SECURE CONFIGURATION INTERFACE BASED ON A SERIAL PORT SWITCH**
Can İ., Cihan K., Sokullu R. İ.
International Conference on Electrical and Electronics Engineering, Bursa, Turkey, 3 - 07 December 2003
- **Web Tabanlı Geri Beslenme Kontrol Sistemi**
Sokullu R. İ. , Çınar C., Kuyucuoğlu F.
10cu Ulusal Elektrik Elektronik ve Bilgisayar Kongresi, İstanbul, Turkey, 17 - 19 September 2003
- **RF Technologies in Education**
Sokullu R. İ.
e-Society 2003, IADIS International Conference, Lisbon, Portugal, 3 - 06 June 2003, pp.755-758
- **CAC Mechanisms for Regulating QoS in Heterogeneous Traffic Environments**
Sokullu R. İ.
2nd International Symposium on Signal Processing and Information technology, Marrakush, Morocco, 18 - 21 December 2002, pp.57-61
- **Avrupa Bilgisayar Kullanım Yeterliliği Sertifikası ECDL akrediteli bir bilgisayar eğitim programının uyarlanması**
İnceoğlu M. M. , Ölgün M. K. , Sokullu R. İ. , Kahraman G., Cinsdikici M. G.
Bilgi ve İletişim Teknolojileri Işığında Eğitim Konferansı, ODTU, Ankara, Turkey, 10 - 12 January 2002
- **Overload Control in an STM Environment**
Sokullu R. İ. , Boris T.
3rd International Seminar on teletraffic Theory and Computer Modelling, Sofija, Bulgaria, 7 - 08 May 1990
- **Evaluating CPU Performance in Switching Systems Applying Different Methods of Regulating Individual Losses**
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- Sokullu R. İ. , Aydın M., Industrial Thesis Project, FPGA Tabanlı 3D Formatlayıcı ile 3DTV Anakart Tasarımı, 2011 - 2012
- Sokullu R. İ. , Karatepe E., Project Supported by Higher Education Institutions, Kablosuz Sensör Ağların Enerji Verimliliğinin İncelenmesi, 2009 - 2011
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IEEE Communication society, Member, 2015 - Continues

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Scholarships

GLEC (Global Joint Center for Science and Technology Education - Division of International Graduate Education) ,
University, 2011 - 2011

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Awards

Sokullu R. İ. , Dağdeviren O., Korkmaz İ., Best Paper Award, Sensorcomm 2008, August 2008