CURRICULUM VITAE

Dr. Ibrahim Korpeoglu
Associate Professor
Computer Engineering Department
Bilkent University

(Last Update: November 23, 2015)

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1. PERSONAL DATA

Address: Computer Engineering Department,
Bilkent University, 06800 Ankara, Turkey
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2. ACADEMIC DEGREES
2.1. *Assoc. Prof.,* Computer Engineering Department
Bilkent University, Ankara, Turkey, 2011
2.2. *Asst. Prof.,* Computer Engineering Department
Bilkent University, Ankara, Turkey, 2002
2.3. *Ph.D.*, Computer Science Department
University of Maryland, College Park, MD, USA, 2000
2.4. *M.S.,* Computer Science Department
University of Maryland, College Park, MD, USA, 1996
2.5. *B.S. (Summa Cum Laude)*, Computer Engineering Department
Bilkent University, Ankara, Turkey, 1994

3. EMPLOYMENT HISTORY
3.1. 2/2011-Present, Associate Professor, Computer Engineering Department
Bilkent University, Ankara, Turkey
3.2. 8/2014-1/2015, Visiting Associate Professor, Computer Science Department
University of Maryland, College Park, MD, USA
3.3. 2/2002-2/2011, Assistant Professor, Computer Engineering Department
Bilkent University, Ankara, Turkey
3.4. 7/2000-1/2002, Engineer
Ericsson, Santa Barbara, CA, USA
3.5. 6/1998-3/2000, Graduate Research Intern
IBM T.J. Watson Research Center, Hawthorne, NY, USA
3.6. 6/1996-9/1996, Graduate Research Intern
Bell Laboratories (Lucent Technologies), Holmdel, NJ, USA
3.7. 5/1995-9/1995, Graduate Research Intern
Bell Communications Research (Bellcore), Red Bank, NJ, USA
3.8. 9/1995-6/1998, Graduate Research Assistant, Computer Science Department
University of Maryland, College Park, MD, USA
3.9. 8/1994-9/1995, Graduate Teaching Assistant, Computer Science Department
University of Maryland, College Park, MD, USA

4. PROFESSIONAL AWARDS

4.1. IBM Faculty Award, 2009.

4.2. Bilkent University Distinguished Teaching Award, 2006.

4.3. Associate Professor title from Inter-University Council of Turkey, January 4, 2008.

4.4. IEEE Computer Society Certificate of Appreciation Service Award, 2007.

4.5. National Young Researcher Career Award, The Scientific and Technological Research Council of Turkey (TUBITAK), 2004.

4.6. IBM First Patent Filing Award, New York, 1999.

4.7. Ranked 1st among Computer Engineering graduates of Bilkent University, 1994.

4.8. Netas (Nortel Networks) Scholarship (merit based) during undergraduate study in academic year 1993-1994.

4.9. TUBITAK BAYG Scholarship (merit based) during undergraduate study from 1991 to 1994.

4.10. Haci Omer Sabanci Foundation (VAKSA) Scholarship during undergraduate study from 1989 to 1994.

4.11. Bilkent University Scholarship (tuition+stipend) during undergraduate study from 1989 to 1994.

4.12. Ranked 1st in TUBITAK (The Scientific and Technological Research Council of Turkey) National Chemistry Contest among high schools, Central Anatolia Region of Turkey, 1989.

5. **HONORS, SCHOLARLY AND PROFESSIONAL DUTIES AND ACHIEVEMENTS**

5.1. Chairman of IEEE Computer Society Turkey Chapter, 2009-2011.

5.2. Secretary of IEEE Computer Society Turkey Chapter, 2004-2006.

5.3. Program Co-Chair, ISCIS 2004, The 19th International Conference on Computer and Information Sciences, October 27-29, 2004, Antalya, Turkey.

5.4. Publicity Chair, IEEE ICDE 2007, The 23rd IEEE International Conference on Data Engineering, April 15-20, 2007, Istanbul, Turkey.

5.5. Poster Co-Chair, EWSN 2005, The Second European Workshop on Wireless Sensor Networks, January 31 - February 2, 2005, Istanbul, Turkey.

5.6. Referee and Inspector in TUBITAK-TEYDEB (The Scientific and Technological Research Council of Turkey - Technology Monitoring and Evaluation Board) Project Proposals, 2002 - Present.

5.7. Panel member in various TUBITAK academic research project proposal evaluations, 2005-Present.

5.8. Editorial Board Member, IET Wireless Sensor Systems, 2013-Present.

5.9. Editorial Board Member, Adhoc & Sensor Wireless Networks Journal, Old City Publishing, 2009-Present.

5.10. Member of Editorial Board, The Mediterranean Journal of Computers and Networks, 2005-Present.

5.11. Technical Program Committee Member in numerious Conferences and Workshops. The list is given at the end.

5.12. Reviewer for various well-respected journals. The list of reviews is given at the end.

6. **MEMBERSHIP**

6.1. IEEE Senior Member

6.2. IEEE Computer Society Member, IEEE Communications Society Member

6.3. ACM Member

7. **INVITED LECTURES AND INVITED TALKS**
    7.1. "Computing Localized Power-Efficient Data Aggregation Trees for Wireless Sensor Networks", Koç University, Istanbul, March 24, 2010.
    7.2. "Energy Energy Efficient Data Gathering in Wireless Sensor Networks", Industrial Engineering Department, Bilkent University, Ankara, March 12, 2010.
    7.3. "Wireless Mesh Networks", EMO Konferansı, Ankara, December 23, 2009. (Turkish).
    7.4. "Teaching Operating Systems Courses Using Linux". First Open Software Conference, Middle East Technical University, Ankara, Turkey. May 5, 2007. (Turkish).
    7.5. "Peer-to-Peer Networks, Free Riding, and Counter-Mechanisms", Electrical and Electronics Engineering Department, Bilkent University, October 19, 2004.
    7.6. "An Introduction to Wireless Sensor Networks and Routing", Electrical and Electronics Engineering Department, Bilkent University, March 17, 2004.
    7.7. "Web Based Technologies", Jandarma Genel Komutanligi, Ankara, 4 Mart 2004. (Turkish)
    7.8. "Short-range Wireless Technologies: Applications, Architecture, and Protocols", Middle East Technical University, Ankara, Turkey, March 12, 2003.
    7.9. "Short-range Wireless Technologies: Applications, Architecture, and Protocols", Sabancı University, Istanbul, Turkey. March 14, 2003.
    7.10. "Bluetooth Wireless Technology", ICT Telecom Eurasia Conference, Istanbul, Turkey, April 17, 2003. (Turkish)
    7.11. "BlueSky: A Wireless Access Network for Palmtop Computers", Electrical and Electronics Engineering Department, Bilkent University, May 30, 2003.

8. **ARTISTIC EXHIBITS OR PERFORMANCES**

9. **TEACHING**
    9.1. **Graduate Courses:**
        9.1.1. CS683 Cloud Computing
            (Spring 2014, Spring 2015, Fall 2015)
        9.1.2. CS 515 Mobile and Wireless Networking
            (Fall 2002, Fall 2003, Fall 2004, Fall 2008, Fall 2009, Fall 2012)
        9.1.3. CS 514 Wireless Ad hoc and Sensor Networks
            (Fall 2005, Fall 2006, Fall 2007)
        9.1.4. Coordinating Committee Member, CS 590/690 - (Advanced) Research Topics-Seminar Course
            (Spring 2004, Fall 2006, Fall 2009, Spring 2010, Spring 2015)
    9.2. **Undergraduate Courses:**
        9.2.1. CS 342 Operating Systems
            (Spring 2003, Spring 2004, Spring 2005, Spring 2006, Spring 2007, Spring 2008, Spring 2009, Spring 2010, Spring 2011, Fall 2011, Spring 2012, Fall 2012, Spring 2013, Fall 2013, Spring 2014, Spring 2015, Fall 2015)
        9.2.2. CS421 Computer Networks
            (Fall 2010, Fall 2011)
        9.2.3. CS443 Cloud Computing and Mobile Applications
            (Fall 2013)
        9.2.4. CS 422 Wireless Networking Technologies and Applications
            (Spring 2007, Spring 2008, Spring 2009, Spring 2010, Spring 2011)
        9.2.5. CS 424 Computer Network Programming
            (Spring 2002)

9.2.6. CS 476 Automata Theory and Formal Languages
(Spring 2002)

9.2.7. CS 202 Fundamental Structures of Computer Science II
(Spring 2003)

9.2.8. CS 223 Digital Design
(Fall 2008)

9.3. **Independent Study Supervised:**

9.4. **CS491-492 Senior Projects Supervised**
(*as part of the CS491-CS492 Senior Project Design Course; spanning two semesters*)

9.4.1. Mert Uygur, Erdi Atalay, Metin Enes Uçan, Atıl Vural, Senior Project, "Intelligent Attendance", 2014-2015.

9.4.2. Elif Ağım, Cemil Kaan Akyol, Elif Yağmur Eyrice, Doğukan Oğuz Sert, Bahadır Ünal, "Hot'nCold", 2014-2015.

9.4.3. Eren Akbaba, Emrecan Agah, Ipek Palamut, Anil Konac, Reyyan Bayram. "Kividi". 2013-2014.

9.4.4. Ozge Bozdag, Feyza Nur Kuscuoglu, Betul Yesil, Begum Ozcan and M. Utku Acar. "SmartStore". 2013-2014.

9.4.5. Pinar Biltekin, Dilara Guley, Hasan Goz, Sun Ok, Doruk Turan. "Brain-Candy". 2013-2014.

9.4.6. Talha Yilmaz, Selim Furkan Seyhan, Ozge Dirlik, Ilgin Akdogan. "Traffriend", 2012-2013.

9.4.7. Bade Timuroglu, Mert Acarlar, Murat Yavuz, Onur Mimaroglu, Sinem Alak. "Vitrinn". 2012-2013.

9.4.8. Murat Gokhan Cabuker, Deniz Demirdag, Emre Sari, Ahmet Emre Cepoglu, Sertac Altunkaya. "Stagaudio". 2012-2013

9.4.9. Habibe G. Ozsema, Ahmet R. Duran, I. Mert Ozcelik, M. Ozan Karsavuran. "Target Tracking by Using Seismic Sensors". 2011-2012. *Received Best Design Award in Computer Engineering Department of Bilkent University.*

9.4.10. Aysegul Onat, Aras Can Akin, Hakan Sozer, Osman Oguz Bayraktar. "Smashed: a mobile multi-player arcade style game". 2010-2011.

9.4.11. Gizem Akman, Gokce Can Cuceoglu, Mert Ozdal, Naz Saltoglu, Baris Arman Tabak. "Fire and Disaster Detection and Recovery with Sensor Networks". 2009-2010.

9.4.12. Besim Namik Avci, Eren Kuzucu, Ebrahim Rajabzadeh, Cagri Kahraman. "Mesh Node and Network Management and Control". 2009-2010.

9.4.13. Puren Guler, Abdulkadir Posul, Murat Yurdakul, Hilal Karslioglu. "Bil-Survey: Bikent Online Survey System, Enhancements". 2008-2009.

9.4.14. Muhsin Can Orhan, Mehmet Ozcelik, Gorkem Yakin, Utku Ozan Yilmaz. "Mobile P2P Multimedia Streaming". 2008-2009.

9.4.15. Abdurrahman Altintop, Ali Bastepe, Mustafa Kabak, Enver, Kayaaslan, Ridvan Tekdogan. "Wireless Sensor Networks - Real time Applications and Supporting Protocols". 2006-2007.

9.4.16. Omer Kerem Beygo, Cihan Bakioglu, Fatih Keles. "BilSurvey: Bilkent Online Survey System". 2006-2007. (*Received Best Senior Project Award in the Department of Computer Engineering, Bilkent University*).

9.4.17. Emre Can Kilinc, Harun Alasar, Aydin Sipit, Kemal Can Yalcinkaya. "Mobile Tracking System - Pocket PCs / Mobile Phones". 2006-2007.

9.4.18. Yunus Emre Aslan, Fatih Deniz, Tuncay Uzun, Erkay Uzun, Osman Osmanli. "Wireless Sensor Networks". 2006-2007.

9.4.19. Mustafa Yasir Arslan, Fatma Sirin Koru, Yuksel Ulgen, Arda Atali. "Wireless Sensor Networks - Location Tracking". 2006-2007.

9.4.20. Birgi Tamersoy, Sarp Arda Coskun, Nazli Dokuzoglu, Alper Kokmen.

"Linux Driver Project". 2006-2007.

9.4.21. Ahmet Erhan Nergiz, Serkan Uzunbaz, Can Cermikli, Hakan Kaleli. "Wireless Sensor Networks - Real Time Protocols". 2006-2007.

9.4.22. Efe Karasabun, Dogus Ertemur, Rustu Seyhun Sariyildiz. "Developing a P2P Application/system with Streaming Capabilities to run over Wireless Ad hoc Networks". 2006-2007.

9.4.23. Ibrahim Aygul, Murat Narmanli, Ayse Berrak Guldogan, Nuray Dedeoglu, Zeynep Karaman. "Map2Day: Wireless and GIS-based Dynamic Information Access System for Cities". 2005-2006.

9.4.24. Tuba Erbas, Serdar Kasirga, Osman Kucuksonmez, Arzu Sozen, Pinar Yildiz. "Mobile Logistic Management via GRPS and WLAN Services". 2005-2006.

9.4.25. Nihan Akin, Fatih Melih Ozbekoglu, Mehmet Baran Cirpici, Osman Erdinc Uluturk, Ekrem Kucuk. "Wireless Remote Control and Monitoring via PDAs". 2005-2006.

9.4.26. Meltem Celebi, Emine Busra Celikkaya, Hayrettin Gurkok, Fatma Sutcu. "Ad Hoc Peer-to-Peer File Sharing System for Pocket PCs". 2005-2006.

9.4.27. Ozgur Baglioglu, Fatih Kaya, Sureyya Tarkan, Erkan Uyar. "Design and Development of a Wireless Sensor Network Application". 2005-2006.

9.4.28. Ekrem Kaplan, Hakan Bagci, Irfan Kurtulmuslar, Mehmet Sanli, Seyit Aydin Oztaban. "Multi-Hop Communication Capable Wireless Ad Hoc Network Game for PDAs". 2005-2006.

9.4.29. Erkan Okuyan, Emrah Bayraktaroglu, Suleyman Tuncer Erdogan, Berk Berker, Mustafa Omer Kilavuz. "Real-Time Multimedia Steaming Over Wireless Ad Hoc Networks". 2005-2006.

9.4.30. Yenel Yildirim, Muhammet Yildiz, Bora Ergun, Erman Ucar. "BoSS: Bilkent Online Survey System". 2005-2006.

9.4.31. Cem Boyaci, Ahmet Murat Ozdemiray, Eyuphan Bulut. "Wireless Multi-hop Ad Hoc Network Middleware and Application". 2004-2005.

9.4.32. Fuat Ertunc, Gizem Okutan, Mustafa Onur Ozorhan. "Mobile Accessible City Public Transportation Guiding System". 2004-2005.

9.4.33. Murat Acikgoz, Mustafa Canim, Osman Tataroglu. "Indoor Location Based Services Support Infrastructure and Application for Bilkent". 2004-2005.

9.4.34. Mert Akdere, Cagatay Bilgin, Ozan Gerdaneri. "Improving Reliability of Data Dissemination in Sensor Networks Through Epidemic Algorithms". 2004-2005.

9.4.35. Rifat Aras, Mehmet Zahit Ates, Barkin Basarankut, Mustafa Cantekin, Cagri Calpur. "Outdoor and GPS Based Location Services in Bilkent". 2004-2005.

9.4.36. Gunseli Akpinar, Ayse Kolat, Ozlem Sipahi. "Simulation of P2P Protocols". 2004-2005.

9.4.37. Selen Pehlivan, Burcu Aysen Urgen, Burcu Kaplanlioglu. "Simulation of a P2P File Sharing System for Wireless Ad Hoc Networks". 2003-2004.

9.4.38. Erbil Kucukahmet, Serkan Ulger, Tahsin Ertugrul Yaprak. "A Wireless Pocket PC Application for Pharmacies". 2003-2004.

9.4.39. Ebru Acar, Mehmet Ekin Askar, "BlueDoc: Bluetooth Enabled Hospital Management System". 2003-2004.

9.4.40. Sinem Zeynep Bastas, Turkay Gulsoy. "Mobile Access Mall Helper System". 2003-2004.

9.4.41. Hamza Kaya, Serkan Coban. "Wireless Multimedia Hospital Application". 2003-2004.

9.4.42. Mesut Ucar, Eymen Atalay. "Wireless Enabled Shopping Center Guidance System". 2003-2004.

9.4.43. Zahir Tezcan, Burhan Karagoz. "WICOMS: Wireless Course Management System". 2003-2004.

9.4.44. Hilal Zehra Celep, Derya Ozkan. "Mobile Transportation Management System". 2003-2004.

9.4.45. Said Kalkan, Cuneyt Yediyildiz. "Mobile Event Alerting System". 2003-2004.

9.4.46. Unal Tatar, Hakki Bagci. "A Peer2Peer Application for Wireless Ad-Hoc Networks". 2003-2004.

9.4.47. Tugberk Kara, Ugur Debreli. "Wireless Presentation Helper". 2003-2004.

9.4.48. Yasin Uzun, Fatih Akdag. "A Mobile Ad Hoc Distributed Game". 2003-2004.

9.4.49. Hasan Metin Aktulga, Murat Ak, Turgay Yilmaz. "Smart Digital Map of Ankara". 2003-2004.

9.4.50. Serkan Kose, Mehmet Can Akpinar. "Wireless Audio and Video Transport over Bluetooth for PDAs". 2003-2004.

9.4.51. Elvan Guney, Duygu Gozde Nasuhbeyoglu, Elif Gokce Kundakci. "Web based Medical Atlas of Dermatology". 2003-2004.

9.4.52. Tankut Baris Aktemur, Selcuk Aya, Ali Cakmak, Emre Keskin, Eren Aydin. "Service Creation Environment for Mobile Cellular Systems", 2002-2003.

9.4.53. Ahmet Kara, Doruk Bozagac, Erhan Okuyan. "A File Access System for Mobile Phones". 2002-2003.

9.4.54. Deniz Erkek, Dilek Ersoz. "Earthquake Management System". 2002-2003.

9.4.55. Hakan Onur. "OTSR - Online Order Tracking System for Restaurants". 2002-2003.

9.4.56. Hamide Sebnem Koken, Ozgur Cuhadoroglu. "A Multiparty Network Game". 2002-2003.

9.4.57. Mehmet Baysan, Mehmet Sinan Esgin, Ibrahim Demir. "WAP Based Course Registration and Status Checking System". 2002-2003.

9.4.58. Anil Oztuncer, Ugurcan Karayel, Gorken Pamuk, "MOSSY – Mobile Survey System". 2002-2003. (*Received Microsoft .NET National Contest Award in Turkey*).

9.4.59. Nurettin Mert Aydin, Ahmet Ornek, Yilmaz Can Ozmen. "Patient Follow-Up System". 2002-2003.

9.4.60. Gokce Gorbil. "Pocket FTP". 2002-2003.

9.4.61. Mehmet Safak Albayrak, Birkan Duman. "Student Review System". 2002-2003.

10. **GRADUATE STUDENT SUPERVISION**
    10.1. **Graduated Students (Completed Supervised Theses)**
        10.1.1. **Graduated Ph.D. Students**
            10.1.1.1. Metin Koc, Ph.D., "Energy-Efficient Sink Mobility Algorithms for Wireless Sensor Networks", Department of Computer Engineering, Bilkent University, Graduation Date: September 2, 2015.
            10.1.1.2. Hidayet Aksu, Ph.D., "Efficient Analysis of Large-Scale Social Networks using Big-Data Platforms", Department of Computer Engineering, Bilkent University, Graduation Date: July 10, 2014.

10.1.1.3. Alper Rifat Ulucinar, Ph.D., "Analysis and Mitigation of Interference in Multi-Radio Multi-Channel Wireless Mesh Networks", Department of Computer Engineering, Bilkent University, Graduation Date: July 1, 2013.

10.1.1.4. Metin Tekkalmaz, Ph.D., "Power-Source-Aware Adaptive Routing in Wireless Sensor Networks", Department of Computer Engineering, Bilkent University, Graduation Date: July 26, 2013.

10.1.1.5. Hakki Bagci, Ph.D., "Fault-Tolerant Topology Control in Heterogenous Wireless Sensor Networks", Department of Computer Engineering, Middle East Technical University, Graduation Date: October 4, 2013. (co-supervised with Dr. Adnan Yazici, METU).

10.1.1.6. Huseyin Ozgur Tan, Ph.D., "Routing and Scheduling Approaches for Energy-Efficient Data Gathering in Wireless Sensor Networks", Department of Computer Engineering, Bilkent University, Graduation Date: September 7, 2011.

10.1.1.7. Ozgur Sanli, Ph.D., "Distributed Information Processing for Event-Driven Wireless Sensor Network Applications", Department of Computer Engineering, Middle East Technical University, Graduation Date: June 20, 2011. (co-supervised with Dr. Adnan Yazici, METU).

10.1.1.8. Murat Karakaya, Ph.D., "Counteracting Free Riding in Pure Peer-to-Peer Networks", Department of Computer Engineering, Bilkent University, Graduation Date: March 25, 2008. (co-supervised with Dr. Ozgur Ulusoy).

10.1.2. **Graduated M.S. Students (All with Thesis)**

10.1.2.1. Yakup Korkmaz, M.S., "Automated Detection and Classification of Malware Used In Targeted Attacks via Machine Learning", Department of Computer Engineering, Bilkent University, Graduation Date: Sep 10, 2015.

10.1.2.2. Ihsan Mert Ozcelik, M.S., "Energy Efficient IP-Connectivity with IEEE 802.11 for Home M2M Networks", Department of Computer Engineering, Bilkent University, Graduation Date: July 24, 2014.

10.1.2.3. Amir Rahimzadeh Ilkhechi, M.S., "Network-Aware Virtual Machine Placement in Cloud Data Centers with Multiple Traffic-Intensive Components", Department of Computer Engineering, Bilkent University, Graduation Date: July 24, 2014. (co-supervised with Dr. Ozgur Ulusoy).

10.1.2.4. Ozge Uyanik, M.S., "Multi-Channel TDMA Scheduling in Wireless Sensor Networks", Department of Computer Engineering, Bilkent University, Graduation Date: June 28, 2013.

10.1.2.5. Caglar Terzi, M.S., "Tree-Based Channel Allocation Schemes for Multi-Channel Wireless Sensor Networks", Department of Computer Engineering, Bilkent University, Graduation Date: September 5, 2012.

10.1.2.6. Emin Yigit Koksal, M.S., "GridRoute: A multi-layered Grid-based Routing Protocol for Delay-Tolerant Mobile Networks", Department of Computer Engineering, Bilkent University, Graduation Date: June 1, 2012.

10.1.2.7. Cem Mergenci, M.S., "Routing in Delay Tolerant Networks with Periodic Connections", Department of Computer Engineering, Bilkent University, Graduation Date: August 26, 2010.

10.1.2.8. Burcu Yargicoglu, M.S., "Bandwidth-aware and Energy-efficient Stream Multicasting Protocols for Wireless Multimedia Sensor Networks", Department of Computer Engineering, Bilkent University, Graduation

Date: August 31, 2010.

10.1.2.9. Yunus Emre Aslan, M.S., "A Framework for the Use of Wireless Sensor Networks in Forest Fire Detection and Monitoring", Department of Computer Engineering, Bilkent University, Graduation Date: August 31, 2010. (co-supervised with Dr. Ozgur Ulusoy).

10.1.2.10. Mustafa Kalkan, M.S., "Active Set Partitioning Scheme for Extending the Lifetime of Large Wireless Sensor Networks", Department of Computer Engineering, Bilkent University, Graduation Date: January 21, 2010. (co-supervised with Dr. Cevdet Aykanat).

10.1.2.11. Efe Karasabun, M.S., "Active Node Determination For Correlated Data Gathering in Wireless Sensor Networks", Department of Computer Engineering, Bilkent University, Graduation Date: July 31, 2009. (co-supervised with Dr. Cevdet Aykanat).

10.1.2.12. Fatih Melih Ozbekoglu, M.S., "Data Dissemination Strategies for Mobile Peer-to-Peer Information Systems with Applications to Healthcare", Department of Computer Engineering, Bilkent University, Graduation Date: July 30, 2009. (co-supervised with Dr. Ozgur Ulusoy).

10.1.2.13. Miray Kas, M.S., "OLSR-Aware Cross-Layer Channel Access Scheduling in Wireless Mesh Networks", Department of Computer Engineering, Bilkent University, Graduation Date: June 30, 2009. (co-supervised with Dr. Ezhan Karasan).

10.1.2.14. Emine Busra Celikkaya, M.S., "Real-time Routing with Priority Scheduling and Power Adjustment in Wireless Sensor Networks", Department of Computer Engineering, Bilkent University, Graduation Date: August 7, 2008.

10.1.2.15. Berk Berker, M.S., "E-Sense: A Wireless Sensor Network Testbed and System for Monitoring Inbuilding Environments", Department of Computer Engineering, Bilkent University, Graduation Date: August 7, 2008.

10.1.2.16. Ahmet Murat Ozdemiray, M.S., "Channel Assignment and Routing for Multi-radio Wireless Mesh Networks", Department of Computer Engineering, Bilkent University, Graduation Date: September 1, 2008.

10.1.2.17. Metin Koc, M.S., "Algorithms for Sink Mobility in Wireless Sensor Networks to Improve Network Lifetime", Department of Computer Engineering, Bilkent University, Graduation Date: August 7, 2008.

10.1.2.18. Hidayet Aksu, M.S., "An Inquiry in to the Metrics for Evaluation of Localization Algorithms in Wireless Ad hoc and Sensor Networks", Department of Computer Engineering, Bilkent University, Graduation Date: January 28, 2008.

10.1.2.19. Gokce Gorbil, M.S., "A Link-State Based On-Demand Routing Protocol Supporting Real-Time Traffic for Wireless Mobile Ad Hoc Networks", Department of Computer Engineering, Bilkent University, Graduation Date: August 9, 2007.

10.1.2.20. Hakki Bagci, M.S., "Location Based Multicast Routing Algorithms for Wireless Sensor Networks", Department of Computer Engineering, Bilkent University, Graduation Date: August 9, 2007.

10.1.2.21. Eyuphan Bulut, M.S., "Connectivity and Coverage Preserving Sleep Scheduling Mechanism with Predictive Coverage and Multiple Mode Selections in Wireless Sensor Networks", Department of Computer Engineering, Bilkent University, Graduation Date: July 18, 2007.

10.1.2.22. Ahmet Kara, M.S., "Continuous Flow Routing (CFR): A Wireless Ad Hoc Routing Protocol for Supporting Multimedia Flows", Depart-

ment of Computer Engineering, Bilkent University, Graduation Date: July 28, 2006.

10.1.2.23. Selim Ciraci, M.S., "Reducing Query Overhead Through Route Learning in Unstructured Peer-to-Peer Networks", Department of Computer Engineering, Bilkent University, Graduation Date: August 19, 2005. (co-supervised with Dr. Ozgur Ulusoy).

10.1.2.24. Hasan Sozer, M.S., "Peer-to-Peer File Sharing System for Wireless Ad-Hoc Networks", Department of Computer Engineering, Bilkent University, Graduation Date: August 31, 2004.

10.1.2.25. Metin Tekkalmaz, M.S., "Distributed Construction and Maintenance of Bandwidth-Efficient Bluetooth Scatternets", Department of Computer Engineering, Bilkent University, Graduation Date: August 31, 2004.

10.1.2.26. Sain Saginbekov, M.S., "Constructing Energy Efficient Bluetooth Scatternets for Wireless Sensor Networks", Department of Computer Engineering, Bilkent University, Graduation Date: August 23, 2004.

10.1.2.27. Huseyin Ozgur Tan, M.S., "Power Efficient Data Gathering and Aggregation in Wireless Sensor Networks", Department of Computer Engineering, Bilkent University, Graduation Date: January 20, 2004.

10.1.2.28. Tagmac Topal, M.S., "Constructing Efficient Bluetooth Scatternets", Department of Computer Engineering, Bilkent University, Graduation Date: January 19, 2004.

10.2. **Current /Ongoing Graduate Students (Ongoing Supervised Theses)**

10.2.1. **Ph.D. Students**

10.2.1.1. Cem Mergenci, Ph.D. Student, "Cloud Computing", Department of Computer Engineering, Bilkent University, September 2010-Present.

10.2.1.2. Kerem Başol, Ph.D. Student, "Cloud Computing", Department of Computer Engineering, Bilkent University, September 2010-Present.

10.2.1.3. Firat Karatas, Ph.D. Student, "Cloud Computing", Department of Computer Engineering, Bilkent University, September 2011-Present.

10.2.1.4. Emin Yigit Koksal Ph.D. Student, "Cloud Computing", Department of Computer Engineering, Bilkent University, September 2012-Present.

10.2.1.5. Caglar Terzi, Ph.D. Student, "Internet of Things and Sensor Networks", Department of Computer Engineering, Bilkent University, September 2012 - Present.

10.2.2. **M.S. Students (All with Thesis)**

10.2.2.1. Mustafa Akin, M.S. Student, "Resource Allocation and Job Scheduling in Cloud Systems", Department of Computer Engineering, Bilkent University, September 2013-Present.

10.2.2.2. Gokalp Urul, M.S. Student, "IoT Clouds", Department of Computer Engineering, Bilkent University, January 2015-Present.

10.2.2.3. Huseyin Acacak, M.S. Student, "Cloud Computing", Department of Computer Engineering, Bilkent University, September 2015-Present.

11. **PATENTS**

11.1. "Providing Shared-Medium Multiple Access Capability in Point-to-Point Communication", USA, *Patent number US 6,721,805*, April 13, 2004. Pravin Bhagwat, Chatschik Bisdikian, Frank J. Janniello, Ibrahim Korpeoglu, Mahmoud Naghshineh, Puneet Pandoh.

11.2. "Method for Seamless Networking Support for Mobile Devices Using Serial

Communications", USA, *Patent Number US 6,651,105*, November 18, 2003. Pravin Bhagwat, Chatschik Bisdikian, Ibrahim Korpeoglu, Mahmoud Naghshineh.

11.3. "System and Method for Collaborative Multi-device Web Browsing", European Patent Office, *Patent number: EP1132847*, September 12, 2001; and Japanese Patent Office, *Patent Number JP2001297029*, October 26, 2001. Richard Y. Han, Ibrahim Korpeoglu, Mahmoud Naghshineh, Veronique Perret.

12. **SCHOLARLY PUBLICATIONS**

12.1. **Ph.D. Dissertation**

12.1.1. Wireless and Mobile Networking Support for Palmtop and Laptop Computers, September/2000, Supervisor: Prof. Satish Tripathi, Computer Science Department, University of Maryland, College Park.

12.2. **Published Books**

12.3. **Edited Books**

12.3.1. Lecture Notes in Computer Science Volume.3280: Proceedings of Computer and Information Sciences – ISCIS 2004 19th International Symposium. Place of publication: Springer Verlag, 2004. Author(s). Cevdet Aykanat, Tugrul Dayar, Ibrahim Korpeoglu.

12.4. **Chapters in books or monographs**

12.4.1. "Peer-to-Peer Overlay in Mobile Ad-hoc Networks", in Handbook of Peer-to-Peer Networking. (Edited by X. Shen and H. Yu and J. Buford and M. Akon). Place of publication: Springer, July, 2009. M. C. Castro, A. J. Kassler, C.-F. Chiasserini, C. Casetti, I. Korpeoglu.

12.4.2. "Energy Aware Routing", in Sensor Networks and Configuration. (Edited by N.P. Mahalik). Place of publication: Springer, 2006. I. Korpeoglu.

12.5. **Reviews**

12.6. **Articles in Refereed Journals**

12.6.1. "Tree-based Channel Assignment Schemes for Multi-channel Wireless Sensor Networks", Wireless Communications and Mobile Computing, Wiley. Accepted. Article first published online: 3 NOV 2015. DOI: 10.1002/wcm.2646. Caglar Terzi, Ibrahim Korpeoglu.

12.6.2. "Coordinated Movement of Multiple Mobile Sinks in a Wireless Sensor Network for Improved Lifetime", EURASIP Journal on Wireless Communications and Networking, Springer. Vol. 2015. 2015:245. DOI 10.1186/s13638-015-0472-5. Metin Koc, Ibrahim Korpeoglu.

12.6.3. "Distributed Power-Source-Aware Routing in Wireless Sensor Networks". ACM-Springer Wireless Networks Journal. Accepted. Metin Tekkalmaz, Ibrahim Korpeoglu.

12.6.4. "Network-Aware Virtual Machine Placement in Cloud Data Centers with Multiple Traffic-Intensive Components". Computer Networks, Elsevier. Vol. 91, Pages 508–527, 14 November 2015. Amir Rahimzadeh Ilkhechi, Ibrahim Korpeoglu, Ozgur Ulusoy.

12.6.5. "Routing in Delay-tolerant Networks with Periodic Connections". EURASIP Journal on Wireless Communications and Networking, Springer. Vol. 2015, 2015:202, August 2015. Cem Mergenci, Ibrahim Korpeoglu.

12.6.6. "Distributed Joint Flow-Radio and Channel Assignment Using Partially Overlapping Channels in Multi-Radio Wireless Mesh Networks". ACM-Springer Wireless Networks Journal. Alper Ulucinar, Ibrahim Korpeoglu. Accepted.

12.6.7. "A Distributed Fault-Tolerant Topology Control Algorithm for Heterogeneous Wireless Sensor Networks". IEEE Transactions on Parallel and Distributed Systems, Hakki Bagci, Ibrahim Korpeoglu, Adnan Yazici. Ac-

cepted.

12.6.8. "Traffic- and Energy-Load–Based Sink Mobility Algorithms for Wireless Sensor Networks". International Journal of Sensor Networks. Metin Koc, Ibrahim Korpeoglu. Accepted.

12.6.9. "Distributed k-Core View Materialization and Maintenance for Large Dynamic Graphs". IEEE Transactions on Knowledge and Data Engineering. Vol. 26, No. 10, October 2014. Hidayet Aksu, Mustafa Canim, Yuan-chi Chang, Ibrahim Korpeoglu, Ozgur Ulusoy.

12.6.10. "A Wi-Fi Cluster Based Wireless Sensor Network Application and Deployment for Wildfire Detection". International Journal of Distributed Sensor Networks, Vol. 2014, Article ID 651957, 12 pages, 2014. Alper Ulucinar, Ibrahim Korpeoglu, Enis Cetin.

12.6.11. "Controlled Sink Mobility Algorithms for Wireless Sensor Networks". International Journal of Distributed Sensor Networks, Vol. 2014, Article ID 167508, 12 pages, 2014. Metin Koc, Ibrahim Korpeoglu.

12.6.12. "Effects of Physical Channel Separation on Application Flows in a Multi-radio Multi-hop Wireless Mesh Network: An Experimental Study on BilMesh Testbed". Journal of Network and Computer Applications, Elsevier, Vol. 39, pages 253-265, March 2014. Alper Rifat Ulucinar, Ibrahim Korpeoglu, Ezhan Karasan.

12.6.13. "A Novel Measurement-based Approach for Modeling and Computation of Interference Factors for Wireless Channels". EURASIP Journal on Wireless Communications and Networking, Volume 2013, 2013:68, 14 March 2013. Alper Rifat Ulucinar, Ibrahim Korpeoglu, Ezhan Karasan.

12.6.14. "Active Node Determination for Correlated Data Gathering in Wireless Sensor Networks". Computer Networks, Elsevier. Vol. 57, No. 5, pages 1124-1138, 2013. Efe Karasabun, Ibrahim Korpeoglu, Cevdet Aykanat.

12.6.15. "A Framework for Use of Wireless Sensor Networks in Forest Fire Detection and Monitoring". Computers, Environment and Urban Systems, Elsevier, Vol. 36, pages 614-625, 2012. Yunus Emre Aslan, Ibrahim Korpeoglu, Ozgur Ulusoy.

12.6.16. "PSAR: Power-Source-Aware Routing in ZigBee Networks". ACM Wireless Networks Journal, Springer, Vol. 18, No. 6, pages 635-651, August 2012. Metin Tekkalmaz, Ibrahim Korpeoglu.

12.6.17. "A Study of Localization Metrics: Evaluation of Position Errors in Wireless Sensor Networks". Computer Networks, Elsevier, 55 (15), pages 3562-3577, October 2011. Hidayet Aksu, Demet Aksoy, Ibrahim Korpeoglu.

12.6.18. "OLSR-Aware Channel Access Scheduling in Wireless Mesh Networks". Journal of Parallel and Distributed Computing, Elsevier, 71(9), pages 1225-1235, September 2011. Miray Kas, Ibrahim Korpeoglu, Ezhan Karasan.

12.6.19. "Sleep Scheduling with Expected Common Coverage in Wireless Sensor Networks". ACM Wireless Networks Journal, Springer, Vol. 17, No. 1, pages 19-40, 2011. Eyuphan Bulut, Ibrahim Korpeoglu.

12.6.20. "Utilization-Based Dynamic Scheduling Algorithm for Wireless Mesh Networks". EURASIP Journal on Wireless Communications, Vol. 2010, Article ID 312828, 11 pages, October 2010. Miray Kas, Ibrahim Korpeoglu, Ezhan Karasan.

12.6.21. "Computing Localized Power Efficient Data Aggregation Trees for Sensor Networks". IEEE Transactions on Parallel and Distributed Systems, 22 (3), pages: 489-500, March 2011. Huseyin Ozgur Tan, Ibrahim Korpeoglu, Ivan Stojmenovic.

12.6.22. "Distributed and Location Based Multicast Routing Algorithms for

Wireless Sensor Networks". <u>EURASIP Journal on Wireless Communications and Networking</u>. Volume 2009, Article ID 697373, 14 pages, 2009. Hakki Bagci and Ibrahim Korpeoglu.

12.6.23. "A Survey on Scheduling in IEEE 802.16 Mesh Mode". <u>IEEE Communications Surveys and Tutorials</u>, Vol.12, No.2, April 2010. Miray Kas, Burcu Yargicoglu, Ibrahim Korpeoglu, Ezhan Karasan.

12.6.24. "Free Riding in Peer-to-Peer Networks". <u>IEEE Internet Computing</u>, Vol. 13, No. 2, pages 92-98, March/April 2009. Murat Karakaya, Ibrahim Korpeoglu, Ozgur Ulusoy.

12.6.25. "Reducing Query Overhead Through Route Learning in Unstructured Peer-to-Peer Networks". <u>Journal of Network and Computer Applications</u>, Elsevier, Vol. 32, No. 3, pages 550-567, May 2009. Selim Ciraci, Ibrahim Korpeoglu, Ozgur Ulusoy.

12.6.26. "A Peer-to-Peer File Search and Download Protocol for Wireless Ad Hoc Networks". <u>Computer Communications</u>, Elsevier, Vol. 32, No. 1, pages 41-50, January 2009. Hasan Sozer, Metin Tekkalmaz, Ibrahim Korpeoglu.

12.6.27. "Counteracting Free Riding in Peer-To-Peer Networks". <u>Computer Networks</u>, Elsevier, Vol. 52, No. 3, pages 675-694, 2008. Murat Karakaya, Ibrahim Korpeoglu, Ozgur Ulusoy.

12.6.28. "A Connection Management Protocol for Promoting Cooperation in Peer-to-Peer Networks". <u>Computer Communications</u>, Elsevier, Vol. 31, No. 2, pages 240-256, February 2008. Murat Karakaya, Ibrahim Korpeoglu, Ozgur Ulusoy.

12.6.29. "Distributed Construction and Maintenance of Bandwidth and Energy Efficient Bluetooth Scatternets". <u>IEEE Transactions on Parallel and Distributed Systems</u>, Vol. 17, No. 9, pages 963-974, September 2006. Metin Tekkalmaz, Hasan Sozer, Ibrahim Korpeoglu.

12.6.30. "A Comparison of Epidemic Algorithms in Wireless Sensor Networks". <u>Computer Communications</u>, Elsevier, Vol. 29, No. 13, pages 2450-2557, August 2006. Mert Akdere, Cagatay Bilgin, Ozan Gerdaneri, Ibrahim Korpeoglu, Ozgur Ulusoy, Ugur Cetintemel.

12.6.31. "Power Efficient Data Gathering and Aggregation in Wireless Sensor Networks". <u>ACM SIGMOD Record</u>, Vol. 32, No. 4, pages 66-71, December 2003. Huseyin Ozgur Tan, Ibrahim Korpeoglu.

12.6.32. "WiSAP: A Wireless Personal Access Network for Handheld Computing Devices". <u>IEEE Wireless Communications</u> (formerly IEEE Personal Communications), Vol. 5, No. 6, pages 18-25, December 1998. Chatschik Bisdikian, Pravin Bhagwat, Brian P. Gaucher, Frank J. Janiello, Ibrahim Korpeoglu, Mahmoud Naghshineh, Puneet Pandoh.

12.6.33. "Reducing Router-Crossings in a Mobile Intranet". <u>Journal of Network and Systems Management</u>, Springer, Vol. 6, No. 1, pages 15-30, March 1998. Ibrahim Korpeoglu, Rohit Dube, Satish K. Tripathi.

12.6.34. "Distributed Interactive Video System Design and Analysis". <u>IEEE Communications</u>, Vol. 35, No. 3, pages 100-108, March 1997. Tsong-Ho Wu, Ibrahim Korpeoglu, Bo-Chao Cheng.

12.7. **Articles in non-refereed or general journals**

12.7.1. "A General Purpose Simulator for Unstructured P2P Networks and a Sample Application". <u>Journal of Defense Sciences</u>, Vol. 8, No. 2, November 2009. Murat Karakaya, Ibrahim Korpeoglu, Ozgur Ulusoy.

12.8. **Other publications, including translations, research notes, limited-circulation reports, etc.**

12.9. **Papers, books etc. submitted for publication**

12.9.1. "An Analysis of Social Networks based on Tera-scale Telecommunication Datasets". Hidayet Aksu, Ibrahim Korpeoglu, Ozgur Ulusoy. Submitted to: IEEE Transactions on Emerging Topics in Computing.

12.9.2. "Rule-Based Inference and Decomposition - for Distributed In-Network Processing in WSNs" Ozgur Sanli, Ibrahim Korpeoglu, Adnan Yazici. Submitted to: Knowledge and Information Systems (KAIS), Springer.

12.10. **Refereed Proceedings**

12.10.1. "Graph Aware Caching Policy For Distributed Graph Stores". IEEE International Conference on Cloud Engineering (IC2E 2015), Tempe Arizona, March 2015. Hidayet Aksu, Mustafa Canim, Yuan-Chi Chang, Ibrahim Korpeoglu, Ozgur Ulusoy.

12.10.2. "Multi-resolution Social Network Community Identification and Maintenance on Big Data Platform". IEEE International Congress on Big Data (BigData Congress 2013), June 27 - July 2, 2013, Santa Clara, CA, USA. Hidayet Aksu, Mustafa Canim, Yuan-Chi Chang, Ibrahim Korpeoglu, Ozgur Ulusoy. *Received best paper award.*

12.10.3. "A Wi-Fi Cluster Based WSN Deployment for Wildfire Detection in the Ancient City of Rhodiapolis". The International Workshop on Multi-Sensor Systems and Networks for Fire Detection and Management, Antalya, Turkey, November 8-9, 2012. Alper Ulucinar, Ibrahim Korpeoglu, Enis Cetin.

12.10.4. "Supporting QoS Traffic at the Network Layer in Multi-hop Wireless Mobile Networks". The 7th International Wireless Communications and Mobile Computing Conference (IEEE IWCMC 2011), July 5-8, 2011, Istanbul, Turkey. Gokce Gorbil, Ibrahim Korpeoglu.

12.10.5. "Algorithms for Sink Mobility in Wireless Sensor Networks to Improve Network Lifetime". 26th International Symposium on Computer and Information Sciences (ISCIS), September 26-28, 2011, London, UK. Metin Koc, Ibrahim Korpeoglu.

12.10.6. "Power-Source-Aware Backbone Routing in Wireless Sensor Networks".IEEE International Conference on Systems (IEEE ICCS 2010), November 17-19, 2010, Singapore. Metin Tekkalmaz, Ibrahim Korpeoglu.

12.10.7. "OLSR-Aware Distributed Channel Access Scheduling for Wireless Mesh Networks". IEEE Wireless Communications and Networking Conference (IEEE WCNC 2009), April 5-8, 2009, Budapest, Hungary. Miray Kas, Ibrahim Korpeoglu, Ezhan Karasan.

12.10.8. "A Path-Quality-Aware Peer-to-Peer File Sharing Protocol for Mobile Ad-hoc Networks: Wi-Share". 24th International Symposium on Computer and Information Sciences (ISCIS). September 14-16, 2009. Efe Karasabun, Dogus Ertemur, Seyhun Sariyildiz, Metin Tekkalmaz, Ibrahim Korpeoglu.

12.10.9. "Rule-Based In-Network Processing in Wireless Sensor Networks". IEEE Multi Conference on Systems and Control, pages 660-665, July 8-10, 2009, Saint Petersburg, Russia. Ozgur Sanli, Ibrahim Korpeoglu, Adnan Yazici.

12.10.10. "Bluetooth or 802.15.4 Technologies to Optimise Lifetime of Wireless Sensor Networks: Numerical Comparison Under a Common Framework". International Workshop on Wireless Networks: Communication, Cooperation and Competition (WNC3), April 4, 2008, Berlin, Germany. Chiara Buratti, Ibrahim Korpeoglu, Ezhan Karasan, Roberto Verdone.

12.10.11. "PocketDrive: A System for Mobile Control of Desktop PC and Its Applications Using PDAs". International Symposium on Computer and Information Sciences (ISCIS), November 2007, Ankara, Turkey. Yenel Yildirim, Ibrahim Korpeoglu.

12.10.12. "A Distributed and Dynamic Data Gathering Protocol for Sensor Net-

works". In Proceedings of The IEEE 21st International Conference on Advanced Information Networking and Applications (AINA 2007), pages 220-227, May 21-23, 2007, Niagara Falls, Canada. Huseyin Ozgur Tan, Ibrahim Korpeoglu, Ivan Stojmenovic.

12.10.13. "DSSP: A Dynamic Sleep Scheduling Protocol for Prolonging the Lifetime of Wireless Sensor Networks". In Proceedings of Third IEEE International Workshop on Heterogeneous Wireless Networks, held in conjunction with AINA 2007, Vol. 2, pages: 725-730, May 21-23, 2007, Niagara Falls, Canada. Eyuphan Bulut, Ibrahim Korpeoglu.

12.10.14. "A New Approach for Information Processing in Wireless Sensor Network Database Applications". IEEE International Workshop on Networking Meets Databases, (NetDB 2006), April 2006, Atlanta, Georgia. Burcin Bostan Korpeoglu, Adnan Yazici, Ibrahim Korpeoglu, Roy George.

12.10.15. "Bluetooth Broadcasting Performance: Reliability and Throughput". Lecture Notes in Computer Science, Vol. 3992, pages 996-999, Eds: Vassil N. Alexandrov, Geert Dick van Albada, Peter M.A. Sloot, Jack Dongarra, Springer-Verlag, May 2006. Kaan Dogan, Guray Gurel, Ahmet Kerim Kamci, Ibrahim Korpeoglu.

12.10.16. "Characterizing Gnutella Network Properties for Peer-to-Peer Network Simulation". Lecture Notes in Computer Science, Vol. 3733, pages 274-283, Springer-Verlag, 2005. Selim Ciraci, Ibrahim Korpeoglu, Ozgur Ulusoy.

12.10.17. "Wireless ATA: A New Data Transport Protocol for Wireless Storage". The Fourth International Workshop on Wireless Information Systems (WIS 2005), May 24-25, 2005, Miami, USA. Serdar Ozler and Ibrahim Korpeoglu.

12.10.18. "Distributed Construction and Maintenance of Bandwidth-Efficient Bluetooth Scatternets". IEEE International Conference on Communications (ICC 2005), May 2005, Seoul, South Korea. Metin Tekkalmaz, Hasan Sozer, Ibrahim Korpeoglu.

12.10.19. "An Energy-Efficient Scatternet Formation Algorithm for Bluetooth-Based Sensor Networks". 2nd European Workshop on Wireless Sensor Networks, 2005, Istanbul, Turkey. Sain Saginbekov and Ibrahim Korpeoglu.

12.10.20. "A Distributed and Measurement-Based Framework Against Free Riding in Peer-to-Peer Networks". The Fourth IEEE International Conference on Peer-to-Peer Computing, August 25-27, 2004, Zurich, Switzerland. Murat Karakaya, Ibrahim Korpeoglu, Ozgur Ulusoy.

12.10.21. "A Peer-to-Peer File Sharing System for Wireless Ad-Hoc Networks". The Third Annual Mediterranean Ad Hoc Networking Workshop (Med-Hoc-Net 2004), June 27-30, 2004, Bodrum, Turkey. Hasan Sozer, Metin Tekkalmaz, Ibrahim Korpeoglu.

12.10.22. "BlueSky: A Cordless Dialup Networking for Palmtop Computers". The ACM/IEEE Annual International Conference on Mobile Computing and Networking (MOBICOM 1999), pages 69-76, August 1999, Seattle, Washington, USA. Pravin Bhagwat, Chatschik Bisdikian, Ibrahim Korpeoglu, Mahmoud Naghshineh, Satish Tripathi.

12.10.23. "Multiplexed Serial Wireless Connectivity for Palmtop Computers". DIMACS Workshop on Mobile Networks and Computing, pages 171-176, March 25-27, 1999, Rutgers University, NJ, USA. Ibrahim Korpeoglu, Pravin Bhagwat, Chatschik Bisdikian, Mahmoud Naghshineh.

12.10.24. "System Design Issues for Low-Power, Low-Cost Short Range Wireless Networking". IEEE International Conference on Personal Wireless Communications (ICPWC'99), pages 264-268, February 17-19, 1999. Jaipur, India. pages 264-268. Pravin Bhagwat, Chatschik Bisdikian, Ibrahim Kor-

peoglu, Arvind Krishna, Mahmoud Naghshineh.

        12.10.25. "Estimating End-to-end Cell Delay Variation in ATM Networks". <u>International Conference on Communications Technologies (ICCT 1998)</u>, Vol. 1, pages 472-483, October 22-24, 1998, Beijing, China. Ibrahim Korpeoglu, Xiaqiang Chen, Satish K. Tripathi.

  12.11. **Published conference abstracts (or extended abstracts)**

  12.12. **Non-refereed proceedings**

  12.13. **Contributions to Standards**

        12.13.1. "Need for a Better CDV Accumulation Method", <u>ATM Forum Contribution</u>, 96-1369, 1996. Ibrahim Korpeoglu, Xiaqiang Chen, Dipak Kataria.

13. **TOTAL NUMBER OF CITATIONS (LISTED IN CITATION INDEX) TO PUBLICATIONS**

  13.1. Total number of Citations (listed in citation index) to publications: **389** Web of Science citations; **1585** Google Scholar citations.

  13.2. Citations by others: 421 Web of Science citations.

  13.3. Self Citations: 11 Web of Science self-citations.

14. **CURRENT RESEARCH INTEREST(S)**

  14.1. Computer Networks and Distributed Systems

  14.2. Wireless Ad hoc, Sensor, and Mesh Networks

  14.3. Peer-to-Peer Systems and Networks

  14.4. Cloud Computing and Big Data

15. **GRANTS**

  15.1. **Principal Investigator**

        15.1.1. *Principal Investigator*, Project title: Efficient Resource Allocation in Heterogeneous Cloud Infrastructures, Funded by <u>TUBITAK (The Scientific and Technological Research Council of Turkey)</u> , Contract Number: 113E274, 2013-2015. (Amount of funding: ˜152,000 TL).

        15.1.2. *Principal Investigator*, Project title: Supporting Real-time Traffic in Wireless Ad Hoc and Sensor Networks, Funded by <u>TUBITAK (The Scientific and Technological Research Council of Turkey) (The NSF of Turkey)</u>, Contract Number: 104E028, Young Researcher Career Award, 2005-2009. (Amount of funding: ˜172,000 TL).

        15.1.3. *Principal Investigator*, Project title: Bluetooth Scatternet Construction and Bluetooth Applications, Funded by <u>TUBITAK (The Scientific and Technological Research Council of Turkey)</u>, Contract Number: 103E014, 2003-2005. (Amount of funding: ˜7,000 USD).

        15.1.4. *Co-Principal Investigator*, Project title: Wireless Networking Curriculum Enhancement, Funded by <u>Intel Corporation</u>, 2006. (Amount of donation: ˜60,000 USD).

        15.1.5. *Principal Investigator*, Project title: Network Middleware for Environmental Monitoring and Control with Wireless Ad hoc, Mesh and Sensor Networks, Funded by <u>IBM Corporation</u>, 2009.

  15.2. **Researcher**

        15.2.1. *Participant Researcher*, Project title: Network of Excellence in Wireless Communications++ (NEWCOM++), Sponsored by <u>European Commission FP7 Programme ICT</u>, Contract Number: 216715, 2008-2011. (Total project budget: ˜4,964,000 EURO. Shared by all institutions and researchers participating in the project.)

15.2.2. *Participant Researcher*, Project title: Network of Excellence in Wireless Communications (NEWCOM), Funded by <u>European Commission FP6 Framework IST</u>, Contract Number: 507325, 2005-2008. (Total project budget: ˜4,000,000 EURO. Shared by all institutions and researchers participating in the project.)

15.2.3. *Participant Researcher*, Project title: Fire Detection and Management through a Multi-Sensor Network for the Protection of Cultural Heritage Areas from the Risk of Fire and Extreme Weather Conditions (FIRESENSE), Funded by <u>European Commission FP7 Programme ENV</u>, Contract Number: 244088, 2009-2012. (Total project budget: ˜2,697,000 EURO. Shared by all institutions and researchers participating in the project.)

15.2.4. *Participant Researcher*, Project title: "BTT-Türkiye – New Information Society Technologies for Turkey", Funded by <u>TUBITAK (The Scientific and Technological Research Council of Turkey)</u>, Contract Number: 105E065, 2005-2008. (Total project budget: ˜350,000 USD. Shared by all researchers participating in the project.)

16. EDUCATIONAL DEVELOPMENT ACTIVITIES

16.1. Video recording of CS 342. All lectures of the operating systems course that I offered in Spring 2009 are video-recorded and now open to public to download and watch over the web. The URL of the lectures is:
http://courses.bilkent.edu.tr/videolib/course_videos.php?courseid=8

16.2. Each semester I update my course contents and notes/slides. I design original and new projects in each semester.

16.3. Attended the Intel Technology Entrepreneurship Education - Theory to Practice Seminar, held in Istanbul, Turkey, in June 2006. It was a two days seminar organized by Intel Corporation and given by professors from UC, Berkeley Haas Business School. This was helpful for Wireless Networking Technologies and Applications course that I am offering with an equipment donation form Intel Corporation.

16.4. Attended the Windows Kernel Source and Internals Workshop, held in Izmir, Turkey, on September 17-18, 2007. 2 days. Given by Dave Probert from Microsoft Windows kernel team. This was helpful for operating systems course that I am giving.

16.5. Advising undergrad students in taking courses and dealing with difficulties of undergraduate engineering education.

17. CONTRIBUTION TO BILKENT UNIVERSITY

17.1. Member of Teaching and Learning Strategic Planning Committee, Bilkent University, 2012.

17.2. Member of Faculty Board, Faculty of Engineering, Bilkent University, 2006-2009.

17.3. Member of Faculty Executive Board, Faculty of Engineering, Bilkent University, 2006-2009.

17.4. Member of Faculty Board, Faculty of Education, Bilkent University, 2015-Present.

17.5. Member of Faculty Executive Board, Faculty of Education, Bilkent University, 2015-Present.

17.6. Member of Distinguished Teaching Award Nomination Committee, Department of Computer Engineering, Bilkent University, 2007-Present.

17.7. Member of Distinguished Teaching Award Selection Committee (university-

wide), Bilkent University, 2009-2010.

17.8. Member of ABET Committee, Department of Computer Engineering, Bilkent University 2004-Present. Working on ABET certification related activities.

17.9. Member of SPEC (Student Performance Evaluation Committee), Department of Computer Engineering, Bilkent University, 2004-Present. Conducting surveys on undergraduate students of Computer Engineering Department and evaluating the survey results.

17.10. Member of PICC (Program Improvement Coordination Committee), Department of Computer Engineering, Bilkent University, 2004-Present. Coming up with suggestions for improvement in the program and submitting the suggestions to the Department.

17.11. Member of Summer Training Committee, Department of Computer Engineering, Bilkent University, 2004-Present. Advising and helping students about summer training.

17.12. Member of Curriculum Committee, Department of Computer Engineering, Bilkent University, 2007-Present. Working on the design and update of the curriculum of the Computer Engineering Department.

17.13. Ph.D. qual exam coordination and preparing questions for Ph.D. qual exams.

17.14. Taking part in high-school introductions of the University.

17.15. Project coordinator for the development of a software system called *BilSurvey*, a web based survey conducting and management system, that is used by the Department of Computer Engineering for conducting online surveys to students, employers, and alumni.

17.16. Graduate Exam/Defense Committees Participated

    17.16.1. **Ph.D. Defense Committees**

        17.16.1.1. Byurhan Hyusein, CS UCD Ireland, 11.06.2004, Adv: J. Carthy

        17.16.1.2. Cuneyt Sevgi, II METU, 24.09.2009. Adv: A. Kocyigit

        17.16.1.3. Ali Boker, CE METU, 22.01.2009. Adv: M. Bozyigit

        17.16.1.4. Celal Alp Tunc, EEE Bilkent, 02.09, Adv: A. Altintas

        17.16.1.5. Ender Sevinc, CE METU, 15.10.2009. Adv: A. Cosar

        17.16.1.6. Orhan Dagdeviren, ICI Ege, 16.07.2010. Adv: K. Erciyes

        17.16.1.7. Aziz Sozer, CE METU, 02.07.2010. Adv: A. Yazici

        17.16.1.8. Namik Sengezer, EEE Bilkent, 27.08.2010. Adv: E. Karasan

        17.16.1.9. Canan Aydogdu, EEE Bilkent, 29.11.2010. Adv: E. Karasan

        17.16.1.10. Serhan Tatar, CS Bilkent, 11.01.2011. Adv: I. Cicekli

        17.16.1.11. Hakan Oztarak, CE METU, 15.05.2012, Adv. A. Yazici

        17.16.1.12. Murat Ak, CS Bilkent, 24.12.2012, Adv. A. Selcuk.

        17.16.1.13. Mehmet Koseoglu, EEE Bilkent, 19.6.2013, Adv. E. Karasan

        17.16.1.14. Bilgin Avenoglu, II METU, 4.9.2013, Adv. E. Eren

        17.16.1.15. Emin Tutay, EEE Bilkent, 18.11.2013, Adv. S. Gezici

        17.16.1.16. Hatice Calik, IE Bilkent, 17.12.2013, Adv. Oya Karasan

        17.16.1.17. Bilgin Avenoglu, II METU, 27.2.2014, Adv. E. Eren

        17.16.1.18. Erhan Okuyan, CS Bilkent, 17.6.2014, Adv. U. Gudukbay

        17.16.1.19. Suleyman Ozarslan, II METU, 02.03.2015, Adv. E. Eren.

    17.16.2. **Ph.D. Qual Oral Exam (OE), Research Proposal (RP), and Progress Monitoring (PM) Committees**

        17.16.2.1. Ertugrul Kartal Tabak, CS Bilkent, 2005 (OE). Adv: C. Aykanat

        17.16.2.2. Kamer Kaya, CS Bilkent, 2005 (OE). Adv: A. Selcuk

        17.16.2.3. Cem Sahin, EEE Bilkent, 08.12.2004 (OE), Adv: N. Akar

        17.16.2.4. Aziz Sozer, CE METU, 23.06.2005 (RP). Adv: A. Yazici

        17.16.2.5. Orhan Dagdeviren, ICI Ege, 03.11.2008 (RP). Adv: K. Erciyes

        17.16.2.6. Burak Guldogan, EEE Bilkent, 02.05.2008 (OE). Adv: O. Arikan

17.16.2.7. Orhan Dagdeviren, ICI Ege, 02.07.2009 (PM). Adv: K. Erciyes

17.16.2.8. Mehmet Koseoglu. EEE Bilkent, 09.01.2009 (OE). Adv: E. Karasan

17.16.2.9. Suat Bayram, EEE Bilkent, 26.05.2010 (OE). Adv: S. Gezici

17.16.2.10. Orhan Dagdeviren, ICI Ege, 09.06.2010 (PM). Adv: K. Erciyes

17.16.2.11. Bilgin Avenoglu, II METU, 17.06.2010 (PM). Adv : E. Eren

17.16.2.12. Suleyman Ozarslan, II METU, 17.06.2010 (RP). Adv. E. Eren

17.16.2.13. Bilgin Avenoglu, II METU, 05.01.2011 (PM). Adv: E. Eren

17.16.2.14. Suleyman Ozarslan, II METU, 05.01.2011 (PM). Adv. E. Eren

17.16.2.15. Ustun Ozgur, EEE Bilkent, 04.01.2011 (OE). Adv: E. Arikan

17.16.2.16. Saygun Onal, EEE Bilkent, 12.01.2011 (OE). Adv: E. Arikan

17.16.2.17. Mehmet Koseoglu. EEE Bilkent, 07.01.2011 (PM). Adv: E. Karasan

17.16.2.18. Sitar Kortik, 11.01.2011, CS Bilkent, 11.01.2011 (OE), Adv: U. Saranli

17.16.2.19. Erkan Okuyan, CS Bilkent, 27.05.2011 (OE), Adv: C. Aykanat

17.16.2.20. Enver Kayaaslan, CS Bilkent, 27.05.2011 (OE), Adv: C. Aykanat

17.16.2.21. Osman Gurlevik, EEE Bilkent, 20.06.2011 (OE), Adv: D. Aktas

17.16.2.22. Bilgin Avenoglu, II METU, 29.06.2011 (PM). Adv: E. Eren

17.16.2.23. Suleyman Ozarslan, II METU, 29.06.2011 (PM). Adv. E. Eren

17.16.2.24. Mehmet Emin Tutay, EEE Bilkent, 26.12.2011 (PM), Adv. O. Arikan

17.16.2.25. Baris Tokel, EEE Bilkent, 28.12.2011 (PM), Adv. D. Aktas

17.16.2.26. Bilgin Avenoglu, II METU, 05.01.2012 (PM), Adv. E. Eren

17.16.2.27. Suleyman Ozarslan, II METU, 05.01.2012 (PM), Adv. E. Eren

17.16.2.28. Kurtulus Kullu, CS Bilkent, 23.01.2012 (OE), Adv. U. Gudukbay

17.16.2.29. Ates Akaydin, CS Bilkent, 23.01.2012 (OE), Adv. U. Gudukbay

17.16.2.30. Nagehan Pala Er, CS Bilkent, 19.01.2012 (OE), Adv. B. Tekinerdogan

17.16.2.31. Oguz Selvitopu, CS Bilkent, 23.02.2012 (OE), Adv. C. Aykanat

17.16.2.32. Fahrettin Sukru Torun, CS Bilkent, 23.02.2012 (OE), Adv. C. Aykanat

17.16.2.33. Baris Tokel, EEE Bilkent, 27.06.2012 (PM), Adv. D. Aktas

17.16.2.34. Mehmet Koseoglu, EEE Bilkent, 28.06.2012 (PM), Adv. E. Karasan

17.16.2.35. Murat Ak, CS Bilkent, 19.06.2012 (PM), Adv. A. A. Selcuk

17.16.2.36. Bilgin Avenoglu, II METU, 27.06.2012 (PM), Adv. E. Eren

17.16.2.37. Suleyman Ozarslan, II METU, 27.06.2012 (PM), Adv. E. Eren

17.16.2.38. Mehmet Koseoglu, EEE Bilkent, 26.12.2012 (PM), Adv. E. Karasan

17.16.2.39. O. Aydin Tekin, CS Bilkent, 27.12.2012 (PM), Adv. B. Tekinerdogan

17.16.2.40. Hakan Bagci, CE METU, 27.12.2012 (RP), Adv. P. Senkul.

17.16.2.41. Baris Tokel, EEE Bilkent, 28.12.2012 (PM), Adv. D. Aktas and T. Duman

17.16.2.42. Muhsin Can Orhan, CS Bilkent, 4.1.2013 (OE), Adv. T. Dayar

17.16.2.43. Suleyman Ozaslan, II METU, 4.1.2013 (PM), Adv. E. Eren

17.16.2.44. Bilgin Avenoglu, II METU, 4.1.2013 (PM), Adv. E. Eren

17.16.2.45. Seher Acer, CS Bilkent, 7.1.2013 (OE), Adv. C. Aykanat

17.16.2.46. Cagri Toraman, CS Bilkent, 9.1.2013 (OE), Adv. F. Can

17.16.2.47. Emir Gulumser, CS Bilkent, 21.5.2013 (OE), Adv. U. Gudukbay

17.16.2.48. Ali Nail Inal, EEE Bilkent, 22.5.2013 (OE), Adv. O. Morgul

17.16.2.49. Hasan Hamzacebi, EEE Bilkent, 22.5.2013 (OE), Adv. O. Morgul

17.16.2.50. Hakan Bagci, CE METU, 5.6.2013 (PM), Adv. P. Karagoz

17.16.2.51. Emre Yilmaz, CS Bilkent, 11.6.2013 (OE), Adv. H. Ferhatos-manoglu

17.16.2.52. Baris Tokel, EEE Bilkent, 27.6.2013 (PM), Adv. D. Aktas and T. Duman

17.16.2.53. Alptug Dilek, II METU, 3.7.2013 (PM), Adv. E. Eren

17.16.2.54. Suleyman Ozaslan, II METU, 3.7.2013 (PM), Adv. E. Eren

17.16.2.55. Bilgin Avenoglu, II METU, 3.7.2013 (PM), Adv. E. Eren

17.16.2.56. Omer Koksal, CS Bilkent, 30.12.2013 (PM), Adv. B. Tekiner-dogan

17.16.2.57. Guven Yenihayat, EEE Bilkent, 16.1.2014 (OE), Adv. E. Karasan

17.16.2.58. Onur Dizdar, EEE Bilkent, 22.1.2014 (OE), Adv. E. Arikan

17.16.2.59. Hakan Bagci, CE METU, 20.1.2014 (PM), Adv. P. Karagoz

17.16.2.60. Erkay Uzun, CE METU, 27.1.2014 (PM), Adv. A. Yazici

17.16.2.61. Suleyman Ozarslan, II METU, 28.1.2014 (PM), Adv. E. Eren

17.16.2.62. Ismail Turk, II METU, 31.1.2014 (PM), Adv. A. Cosar

17.16.2.63. Serkan Saritas, EEE Bilkent, 20.5.2014 (OE), Adv. S. Gezici

17.16.2.64. Hakan Bagci, CE METU, 5.6.2014 (PM), Adv. P. Karagoz

17.16.2.65. Naveed Ul Mustafa, CS Bilkent, 26.5.2014 (OE), Adv. O. Ozturk

17.16.2.66. Guven Yenihayat, EEE Bilkent, 30.6.2014 (PM), Adv. E. Karasan

17.16.2.67. Baris Tokel, EEE Bilkent, 19.6.2014 (PM), Adv. T. Duman

17.16.2.68. Alptug Dilek, II METU, 26.6.2014 (PM), Adv. E. Eren

17.16.2.69. Suleyman Ozarslan, II METU, 26.6.2014 (PM), Adv. E. Eren

17.16.2.70. Omer Koksal, CS Bilkent, 27.6.2014 (PM), Adv. B. Tekinerdo-gan

17.16.2.71. Baris Tokel, EEE Bilkent, 18.12.2014 (PM), Adv. T. Duman.

17.16.2.72. Hakan Bagci, CE METU, 06.01.2015 (PM), Adv. Pinar Karagoz.

17.16.2.73. Erkay Uzun, CE METU, 06.01.2015 (PM), Adv. Adnan Yazici.

17.16.2.74. Ismail Turk, II METU, 09.02.2014 (PM), Adv. A. Cosar.

17.16.2.75. Hakan Bagci, CE METU, 02.06.2015 (PM), Adv. Pinar Karagoz.

17.16.2.76. Fatih Deniz, CE METU, 08.06.2015 (PM), Adv. Adnan Yazici.

17.16.3. M.S. Defense Committees

17.16.3.1. Gulay Unel, CS Bilkent, 07.2002. Adv: O. Ulusoy

17.16.3.2. Eyup Sabri Konak, CS Bilkent, 08.2002. Adv: U. Gudukbay

17.16.3.3. Mustafa Kutluturk, CS Bilkent, 08.2002. Adv: O. Ulusoy

17.16.3.4. Berkan Yalcinkaya, CS Bilkent, 08.2002. Adv: A. Guvenir

17.16.3.5. Yakup Balkas, EE Bilkent, 09.2002. Adv: E. Karasan

17.16.3.6. Aykut Unal, CS Bilkent, 09.2002. Adv: O. Ulusoy

17.16.3.7. Ozer Aydemir, CS Bilkent, 01.14.2004. Adv: A. Selcuk

17.16.3.8. Rifat Ulucinar, CS Bilkent, 01.14.2004. Adv: D. Davenport

17.16.3.9. Ismail Uzun, EEE Bilkent, 05.08.2004. Adv: Z. Ider

17.16.3.10. Ferhat Yildirim, EEE Bilkent 09.08.2005. Adv: L. Gurel

17.16.3.11. Ozlem Subakan, CS Bilkent, 02.08.2005, Adv: O. Ulusoy

17.16.3.12. Evren Karaca, CS Bilkent, 01.2006. Adv. C. Aykanat

17.16.3.13. Tarik Yardibi, EEE Bilkent, 17.07.2006. Adv: E. Karasan

17.16.3.14. Burak Guldogan, EEE Bilkent, 07.2006. Adv: O. Arikan

17.16.3.15. Doruk Bozagac, CS Dept, 09.2006. Adv: A. Selcuk

17.16.3.16. Murat Ak, CS Bilkent, 09.2006. Adv: A. Selcuk

17.16.3.17. Kerem Oktem, EEE Bilkent, 09.2006, Adv: H. Koymen

17.16.3.18. A.Kerim Kamci, EEE Bilkent, 09.2006. Adv: E. Karasan

17.16.3.19. Sila Kurugol, EEE Bilkent, 09.2006. Adv: N. Akar

17.16.3.20. Guray Gurel, EEE Bilkent, 09.2006. Adv: E. Karasan

17.16.3.21. Ali Cevahir, CS Bilkent, 05.09.2006. Adv: C. Aykanat

17.16.3.22. Deniz Ustebay, EEE Bilkent, 06.2006. Adv: H. Ozbay

17.16.3.23. Hayati Cam, CS Bilkent, 05.09.2008. Adv: O. Ulusoy

17.16.3.24. Leyla Bilge, CS Bikent, 07.2008. Adv: A. Selcuk

17.16.3.25. Ismet Zeki Yanlız, CS Bilkent, 08.2008. Adv: O. Ulusoy

17.16.3.26. Hayrettin Gurkok, CS Bilkent, 08.2008. Adv: M. Karamuftuoglu

17.16.3.27. Ozlem Yilmaz, EEE Bilkent, 10.09.2008. Adv: A. Atalar

17.16.3.28. Ismail Cirak, EEE Bilkent, 04.09.2008. Adv: E. Karasan

17.16.3.29. Bahadir Aybar, EEE Bilkent, 04.09.2008. Adv. O. Arikan

17.16.3.30. Cenk Ertürk, EEE Bilkent, 04.09.2008. Adv: N. Akar

17.16.3.31. Seckin Ozsarac, EEE Bilkent, 02.09.2008. Adv: E. Karasan

17.16.3.32. Suat Bayram, EEE Bilkent, 29.05.2008. Adv: S. Gezici

17.16.3.33. Fazli Kaybal, EEE Bilkent, 28.07.2009, Adv: E. Karasan

17.16.3.34. Can Sardan, CS Bilkent, 27.08.2009. Adv: C. Celik

17.16.3.35. Omer Sezgin Ugurlu, CS Bilkent, 2009. Adv: A. Selcuk

17.16.3.36. Hamza Soganci, EEE Bilkent, 26.08.2009. Adv: S. Gezici

17.16.3.37. M. Altan Tokgoz, EEE Bilkent, 08.2009. Adv: N. Akar.

17.16.3.38. Ahmet Emrah Sezgin, EEE Bilkent, 04.09.2009. Adv: E. Karasan

17.16.3.39. Hakan Bagci, CE METU, 14.01.2010. Adv: A. Yazici

17.16.3.40. Eda Kilic, CE METU, 03.02.2010. Adv: C. Sener

17.16.3.41. Gulsah Bulut, CE METU, 03.02.2010. Adv. C. Sener

17.16.3.42. Ridvan Tekdogan, CS METU, 03.05.2010. Adv: C. Sener

17.16.3.43. Onur Tan, EEE Bilkent, 02.06.2010. Adv. O. Arikan

17.16.3.44. Fatih Kocak, EEE Bilkent, 29.06.2010. Adv: S. Gezici

17.16.3.45. Aykut Yildiz, EEE Bilkent, 13.07.2010. Adv: O. Arikan

17.16.3.46. Pelin Damci, IE Bilkent, 13.07.2010. Adv: O. Karasan

17.16.3.47. Yasir Karisan, EEE Bilkent, 14.07.2010. Adv: S. Gezici

17.16.3.48. Esra Koca, IE Bilkent, 20.07.2010. Adv: E.A. Yildirim

17.16.3.49. Kaan Onarlioglu, CS Bilkent, 27.07.2010. Adv. A. Selcuk

17.16.3.50. Firat Karatas, EEE Bilkent, 30.07.2010. Adv: N. Akar

17.16.3.51. Ahmet Gungor, EEE Bilkent, 20.08.2010. Adv: S. Gezici

17.16.3.52. M. Emin Tutay, EEE Bilkent, 26.08.2010. Adv: S. Gezici

17.16.3.53. Mucahit Karakoc, CS METU, 06.09.2010. Adv: A. Cosar

17.16.3.54. Erkan Uzun, CS METU, 17.09.2010. Adv: A. Yazici

17.16.3.55. Celal Cigir, CS Bilkent, 15.08.2011. Adv: C. Demir

17.16.3.56. Anil Turel, CS Bilkent, 24.08.2011. Adv: F. Can

17.16.3.57. Cagri Toraman, CS Bilkent, 24.08.2011. Adv: F. Can

17.16.3.58. Merve Dilek, CS Bilkent, 06.09.2011. Adv: C. Celik

17.16.3.59. Esma Acikalin, EEE Bilkent, 11.06.2012 , Adv. S. Gezici

17.16.3.60. Remziye Irem Bor, EEE Bilkent, 21.06.2012, Adv. O. Arikan

17.16.3.61. Oguz Yilmaz, CS Bilkent, 05.11.2012, Adv. O. Ulusoy

17.16.3.62. Erdem Sarigil, CS Bilkent, 05.11.2012, Adv. O. Ulusoy

17.16.3.63. Cetin Koca, CS Bilkent, 05.11.2012, Adv. U. Gudukbay

17.16.3.64. Bahar Berna Kisin, CS Bilkent, 24.4.2013, Adv. A. Selcuk

17.16.3.65. Serkan Saritas, CS Bilkent, 17.5.2013, Adv. A. Selcuk

17.16.3.66. Ahmet Yazar, EEE Bilkent, 2.7.2013, Adv. E. Cetin

17.16.3.67. Erdil Albayrak , CS Bilkent, 24.7.2013, Adv. O. Ozturk

17.16.3.68. Ramazan Yumer, EEE Bilkent, 8.10.2013, Adv. N. Akar

17.16.3.69. Alper Sert, CE METU, 29.6.2014, Adv. A. Yazici

17.16.3.70. Irmak Aykin, EEE Bilkent, 4.7.2014, Adv. E. Karasan

17.16.3.71. Basri Kahveci, CS Bilkent, 07.08.2014, Adv. Ozgur Ulusoy.

18. **CONTRIBUTION TO SOCIETY AT LARGE**

18.1. *Consultancy* to some technology companies in Turkey:
    18.1.1. MobilSoft, 2004.
    18.1.2. Aselsan, 2007-2009.
    18.1.3. Karel Electronics, 2015-Present.
18.2. Proctor to guide and oversee competing teams in IEEEXtreme 8.0 programming competition, October 2014.

19. **OTHER PROFESSIONAL ACTIVITIES**

19.1. **Technical Program Committee Member** in the following Conferences and Workshops
    19.1.1. IEEE Globecom 2015, IEEE Global Communications Conference, 6-10 December 2015, in San Diego, CA, USA.
    19.1.2. COLLABORATECOM 2015, The 11th International Conference on Collaborative Computing: Networking, Applications and Worksharing, 10-11 November 2015, Wuhan, China.
    19.1.3. BWCCA 2015, 10th International Conference on Broadband and Wireless Computing, Communication and Applications, 4-6 November 2015, Krakow, Poland.
    19.1.4. IEEE CloudNA 2015, IEEE International Workshop on Cloud-based Networks and Applications, 26-29 October 2015, Clearwater Beach, FL, USA.
    19.1.5. IEEE CIC 2015, 1st IEEE International Conference on Collaboration and Internet Computing, 28-30 October 2015, Hangzhou, China.
    19.1.6. ISCIS 2015, 30th International Symposium on Computer and Information Sciences, 23-25 September 2015, London, UK.
    19.1.7. DEXA 2015, 26th International Conference on Database and Expert Systems Applications, 1-4 September 2015, Valencia, Spain.
    19.1.8. AdHocNets 2015, 7th International Conference on Ad Hoc Networks, 1-2 September 2015, San Remo, Italy.
    19.1.9. IEEE PIMRC 2015, IEEE 26th International Symposium on Personal, Indoor and Mobile Radio Communications, 30 August – 2 September 2015, Hong Kong.
    19.1.10. IEEE NAS 2015, The 10th IEEE International Conference on Networking, Architecture, and Storage, 6-7 August 2015, Boston, USA.
    19.1.11. AdHocNow 2015, 14th International Conference on Ad-Hoc Networks and Wireless, 29 June- 01 July 2015, Athens, Greece.
    19.1.12. IEEE ICC 2015, IEEE International Conference on Communications, Ad Hoc and Sensor Networking Symposium, 8-12 June 2015, London, UK.
    19.1.13. WWIC 2015, 13th International Conference on Wired & Wireless Internet Communications, 25-27 May 2015, Malaga, Spain.
    19.1.14. IEEE WCNC 2015, IEEE Wireless Communications and Networking Conference, 9-12 March 2015, New Orleans, LA, USA.
    19.1.15. ISCC 2015, 20th IEEE International Symposium on Computer and Communications, 6-9 July 2015, Larnaca, Cyprus.
    19.1.16. RACS 2014, ACM International Conference on Research in Adaptive and Convergent Systems, 5-8 October 2014, Towson, Baltimore, MD, USA.
    19.1.17. AdHocNets2014, 6th International Conference on Ad Hoc Networks, 18-19 August 2014, Rhodes, Greece.
    19.1.18. IEEE PIMRC 2014, IEEE 25th International Symposium on Personal,

Indoor and Mobile Radio Communications, 2-5 September 2014, Washington DC, USA.

19.1.19. DEXA 2014, 25th International Conference on Database and Expert Systems Applications, 1-4 September 2014, Munich, Germany.

19.1.20. CollaborateCom 2014, 10th IEEE International Conference on Collaborative Computing: Networking, Applications and Worksharing, 20-22 October 2014, Miami, FL, USA.

19.1.21. QBSC 2014, 27th Queen's Biennial Symposium on Communications, 1-3 June 2014, Kingston, Ontario, Canada.

19.1.22. EUCNC 2014, European Conference on Networks and Communications, 23-26 June 2014, Bologna, Italy.

19.1.23. LCN 2014, The 39th IEEE Conference on Local Computer Networks, 8-11 September, 2014, Edmonton, Alberta, Canada.

19.1.24. WINSYS 2014, International Conference on Wireless Information Networks and Systems, 28-30 August 2014, Vienna, Austria.

19.1.25. ISCIS 2014, 29th International Symposium on Computer and Information Sciences, 27-28 October 2014, Krakow, Poland.

19.1.26. IEEE ISCC 2014, 19th IEEE International Symposium on Computer and Communications, 23-26 June 2014, in Madeira, Portugal.

19.1.27. NAS 2014, The 9th IEEE International Conference on Networking, Architecture, and Storage, 6-8 August 2014, Tianjin, China.

19.1.28. CCECE 2014, IEEE Canadian Conference on Electrical and Computer Engineering, 5-8 May 2014, Ontario, Canada.

19.1.29. MoWNet 2014, International Conference on Selected Topics in Mobile and Wireless Networking, 8-10 September, 2014, Rome Italy.

19.1.30. IEEE Globecom 2014, IEEE Global Communications Conference, 8-12 December, 2014, Austin, TX, USA.

19.1.31. IWCMC 2014, The International Wireless Communications and Mobile Computing Conference, 4-8 August 2014, Nicosia, Cyprus.

19.1.32. IoV 2014 , International Workshop on Internet of Vehicles, 28-31 May, 2014, Zhangjiajie, China.

19.1.33. AdHocNow 2014, The 13th International Conference on Ad Hoc Networks and Wireless, 22-27 June 2014, Benidorm, Spain.

19.1.34. IEEE WCNC 2014, IEEE Wireless Communications and Networking Conference, 6-9 April 2014, Istanbul, Turkey.

19.1.35. IEEE ICC 2014, IEEE International Conference on Communications, Ad Hoc and Sensor Networking Symposium, 10-14 June 2014, Sydney, Australia.

19.1.36. IEEE LCN 2013, The 38th IEEE Conference on Local Computer Networks, 21-24 October 2013, Sydney, Australia.

19.1.37. ACM RACS 2013, ACM International Conference on Reliable and Convergent Systems, Networking Symposium, 1-4 October 2013, Montreal, QB, Canada.

19.1.38. IWCMC 2013, The 9th International Wireless Communications and Mobile Computing Conference, 1-5 July, 2013, Cagliari, Italy.

19.1.39. CollaborateCom2013, 9th International Conference on Collaborative Computing, 20–23 October 2013, Austin, TX, USA.

19.1.40. IEEE NAS 2013, The 8th IEEE International Conference on Networking, Architecture, and Storage, 17-19 July 2013, Xi'an, Shaanxi, China.

19.1.41. ISCC 2013, The 18th IEEE International Symposium on Computer and Communications, 7-10 July 2013, Split, Croatia.

19.1.42. PIMRC 2013, IEEE International Symposium on Personal, Indoor and

Mobile Radio Communications, 8-11 September 2013, London, UK.

19.1.43. AdHocNets 2013, 5th International Conference on Ad Hoc Networks, 16–18 October 2013, Barcelona, Spain.

19.1.44. MoWNet 2013, The Third International Conference on Selected Topics in Mobile and Wireless Networking, 19-21 August 2013, Montreal, Canada.

19.1.45. ISCIS 2013, 28th International Symposium on Computer and Information Sciences, 28-29 October 2012, Paris, France.

19.1.46. FutureNetwork Summit 2013, 03-5 July 2013, Lisbon, Portugal.

19.1.47. IEEE Globecom 2013, IEEE Global Communications Conference , Wireless Networking and Ad Hoc Sensor Networks Symposiums, 9-13 December 2013, Atlanta, GA, USA.

19.1.48. IEEE Globecom 2013, IEEE Global Communications Conference, Cognitive Radio and Networks Symposium, 9-13 December 2013, Atlanta, GA, USA.

19.1.49. WWASN 2013, The Tenth Workshop on Wireless Ad hoc and Sensor Networks, 8-11 July 2013, Philadelphia, PA.

19.1.50. ICC 2013, IEEE International Conference on Communications, Ad Hoc and Sensor Networking Symposium, 9-13 June 2013, Budapest, Hungary.

19.1.51. IEEE WCNC 2013, IEEE Wireless Communications and Networking Conference, 7-10 April 2012, Shanghai, China.

19.1.52. ICCVE 2012, International Conference on Connected Vehicles, 12-16 December 2012, Beijing China.

19.1.53. IEEE LCN 2012, The 37th IEEE Conference on Local Computer Networks, 22-25 October 2012, Clearwater, Florida, USA.

19.1.54. SGSC 2012, International Workshop on Smart Grid Security and Communication, 24-27 September 2012, Gwangju, Korea.

19.1.55. CollaborateCom 2012, 8th International Conference on Collaborative Computing: Networking, Applications and Worksharing, 14–17 October 2012, Pittsburgh, PA, USA.

19.1.56. ICCC 2012, First IEEE International Conference on Communications in China: Communications QoS and Reliability, 15-17 August 2012, Beijing, China.

19.1.57. ISCIS 2012, 27th International Symposium on Computer and Information Sciences, 3-4 October 2012, Paris, France.

19.1.58. IEEE Globecom 2012, IEEE Global Communications Conference, Ad-hoc and Sensor Networking Symposium, 3-7 December 2012, Anaheim, CA, USA.

19.1.59. PIMRC 2012, IEEE International Symposium on Personal, Indoor and Mobile Radio Communications, 9-12 September 2012, Sydney, Australia.

19.1.60. DEXA 2012, 23rd International Conference on Database and Expert Systems Applications, 3-6 September, Vienna, Austria.

19.1.61. ISCC 2012, The 17th IEEE International Symposium on Computer and Communications, 1-4 July 2012, Cappadocia, Turkey.

19.1.62. WWASN 2012, The Ninth Workshop on Wireless Ad hoc and Sensor Networks, 18-21 June 2012, Macau, China.

19.1.63. IEEE ICC 2012, IEEE International Conference on Communications, Wireless Networks Symposium, Ad Hoc and Sensor Networking Symposium, 10-15 June 2012, Ottowa, Canada.

19.1.64. IEEE WCNC 2012, IEEE Wireless Communications and Networking Conference, 1-4 April 2012, Paris, France.

19.1.65. Future Network and Mobile Summit 2012, 4-6 July 2012, Berlin, Germany.

19.1.66. IEEE ICCT 2012, 14th IEEE International Conference on Communication Technology, 9-11 November 2012, Chengdu, China.

19.1.67. iCOST 2012, The 2012 International Conference on Selected Topics in Mobile and Wireless Networking, 2-4 July 2012, Avignon, France.

19.1.68. IEEE NAS 2012, The 7th IEEE International Conference on Networking, Architecture, and Storage, 28-30 June 2012, Xiamen, Fujian, China.

19.1.69. The International Workshop on Multi-Sensor Systems and Networks for Fire Detection and Management, 8-9 November 2012, Antalya, Turkey.

19.1.70. IEEE PIMRC 11, The 22nd IEEE Personal Indoor Mobile Radio Communications Conference, Local and Personal Area Networks Track, 11-14 September 2011, Toronto, Canada.

19.1.71. IEEE Globecom 2011, IEEE Global Communications Conference, Ad-hoc and Sensor Networking Symposium, 5-9 December 2011, Houston, TX, USA.

19.1.72. IEEE ICC 2011, IEEE International Conference on Communications, Wireless Networking Symposium, 5-9 June 2011, Kyoto, Japan.

19.1.73. IEEE ICC 2011, IEEE International Conference on Communications, Ad Hoc, Sensor and Mesh Networking Symposium, 5-9 June 2011, Kyoto, Japan.

19.1.74. IEEE LCN 2011, The 36th IEEE Conference on Local Computer Networks, 4-7 October 2011, Bonn, Germany.

19.1.75. iCOST 2011, The International Conference on Selected Topics in Mobile and Wireless Networking, 10-12 October 2011, Shanghai China.

19.1.76. IEEE DCOSS 2011, 7th IEEE International Conference on Distributed Computing in Sensor Systems, 27-29 June 2011, Barcelona, Spain.

19.1.77. CollaborateCom 2011, 7th International Conference on Collaborative Computing: Networking, Applications and Worksharing, 15-18 October 2011, Orlando, Florida USA.

19.1.78. AINA 2011, The 25th International Conference on Advanced Information Networking and Applications, Biopolis, Singapore, 22-25 March 2011, Biopolis, Singapore.

19.1.79. IEEE ICCT 2011, The 13th IEEE International Conference on Communication Technology, September 25-28, 2011, Jinan, China.

19.1.80. 3DTV-CON 2011, 5th 3DTV Conference, 16-18 May 2011, Antalya, Turkey.

19.1.81. Future Network and Mobile Summit 2011, 15-17 June 2011, Warsaw, Poland.

19.1.82. ISCIS 2011, 26th International Symposium on Computer and Information Sciences, September 26-28, 2011, London, UK.

19.1.83. IEEE WCNC 2011, IEEE Wireless Communications & Networking Conference, 28-31 March 2011, Cancun, Mexico.

19.1.84. ICSNC 2011, The Sixth International Conference on Systems and Networks Communications, 23-28 October 2011, Barcelona, Spain.

19.1.85. DEXA 2011, 22nd International Conference on Database and Expert Systems Applications, August 29 – September 2, 2011, Toulouse, France.

19.1.86. International Workshop on Smart Grid Security and Communication, 26-28 May 2011, Busan, Korea.

19.1.87. CMC 2011, 3rd International Conference on Communications and Mobile Computing, Computer and Network Security Symposium, April 18-20 2011, Qingdao, China.

19.1.88. WWASN 2011, The Eighth Workshop on Wireless Ad hoc and Sensor Networks, 21-24 June 2011, Minneapolis, MN, USA.

19.1.89. COLLA 2011, The First International Conference on Advanced Collaborative Networks, Systems and Applications, 19-24 June 2011, Luxembourg.

19.1.90. ISCIS 2010, 25th International Symposium on Computer and Information Sciences, 22-24 September 2010, London, UK.

19.1.91. CollaborateCom 2010, 6th International Conference on Collaborative Computing: Networking, Applications and Worksharing, 9-12 October 2010, Chicago, IL, USA.

19.1.92. IEEE LCN 2010, The 36th IEEE Conference on Local Computer Networks, 4-7 October 2010, Bonn, Germany.

19.1.93. ICSNC 2010, The Fifth International Conference on Systems and Networks Communications, 22-27 August 2010, Nice, France.

19.1.94. IEEE ICC 2010, IEEE International Conference on Communications, Ad-Hoc, Sensor and Mesh Networking Symposium, and Wireless and Mobile Networking Symposium, 23-27 May 2010, Cape Town, South Africa.

19.1.95. IEEE WCNC 2010, IEEE Wireless Communications and Networking Conference, 18-21 April 2010, Sydney, Australia.

19.1.96. IEEE Globecom 2010, IEEE Global Communications Conference, Ad-hoc and Sensor Networking Symposium, 6-10 December 2010, Miami, Florida, USA.

19.1.97. IEEE AINA 2010, The 24th IEEE International Conference on Advanced Information Networking and Applications, 20-23 April 2010, Perth, Western Australia.

19.1.98. DEXA 2010, The 21th International Conference on Database and Expert Systems Applications, August 30-September 3, 2010, Bilbao, Spain.

19.1.99. Future Network and Mobile Summit 2010, 16-18 June 2010, Florence, Italy.

19.1.100. WWASN 2010, The Seventh Workshop on Wireless Ad hoc and Sensor Networks, 21-25 June 2010, Genoa, Italy.

19.1.101. ISCN 2009, The 9th International Symposium on Computer Networks, 11-12 December 2009, Istanbul, Turkey.

19.1.102. CollaborateCom 2009, 5th International Conference on Collaborative Computing: Networking, Applications and Worksharing, 11-14 November 2009, Crystal City, Washington DC, USA.

19.1.103. IEEE LCN 2009, The 34th IEEE Conference on Local Computer Networks, 20-23 October 2009, Zurich, Switzerland.

19.1.104. ISCIS 2009, 24th International Symposium on Computer and Information Sciences, September 14-16, 2009, Cyprus.

19.1.105. ICT Mobile Summit, 10-12 June 2009, Santander, Spain.

19.1.106. AP2PS 2009, The First International Conference on Advances in P2P Systems, October 11-16, 2009, Malta.

19.1.107. DEXA 2009, The 20th International Conference on Database and Expert Systems Applications, 31 August - 4 September 2009, Linz, Austria.

19.1.108. WWASN 2009, Sixth Workshop on Wireless Ad hoc and Sensor Networks, 22 June, 2009, Montreal, Quebec, Canada.

19.1.109. ICSNC 2009, The Fourth International Conference on Systems and Networks Communications, September 20-25, 2009, Porto, Portugal.

19.1.110. M4D, First International Conference on Mobile Communication Technology For Development, 11-12 December, 2008, Karlstad, Sweden.

19.1.111. IEEE CCECE Communications and Networking Symposium, 3-6 May 2009, St. John's, Newfoundland, Canada.

19.1.112. IEEE AINA 2009, The IEEE 23rd International Conference on Advanced Information Networking and Applications, 26-29 May 2009, Brad-

ford, UK.

19.1.113. CollaborateCom 2008, The 4th International Conference on Collaborative Computing: Networking, Applications and Worksharing, 13-16 November 2008, Orlando, Florida, USA.

19.1.114. IEEE ICC 2009, IEEE International Conference on Communications, Wireless Networking Symposium, and Ad Hoc and Sensor Networking Symposium, 14-18 June 2009, Dresden, Germany.

19.1.115. IEEE LCN 2008, The 33rd IEEE Conference on Local Computer Networks, 20-23 October 2008, Montreal, Canada.

19.1.116. IEEE PIMRC 2008, 19th IEEE International Symposium on Personal, Indoor and Mobile Radio Communications, 15-18 September 2008, Cannes, France.

19.1.117. ISCN 2008, International Symposium on Computer Networks, 18-20 June 2008, Istanbul, Turkey.

19.1.118. WINSYS 2008, International Conference on Wireless Information Networking and Systems, July 26-29, 2008, Portugal.

19.1.119. WWASN 2008, The Fifth Workshop on Wireless Ad hoc and Sensor Networks, June 17-20, 2008, Beijing, China.

19.1.120. IEEE ICC 2008, IEEE International Conference on Communications, 19-23 May 2008, Beijing, China.

19.1.121. MSN 2007, The 3rd International Conference on Mobile Adhoc and Sensor Networks, 12-14 December 2007, Beijing, China.

19.1.122. IEEE AINA 2008, The IEEE 22nd International Conference on Advanced Information Networking and Applications, 25-28 March 2008, Gino-Wan, Okinawa, Japan.

19.1.123. IEEE LCN 2007, The 32th IEEE Conference on Local Computer Networks, 15-18 October 2007, Dublin, Ireland.

19.1.124. IEEE Globecom 2007, IEEE Global Communications Conference, 26-30 November 2007, Washington DC, USA.

19.1.125. WRECOM 2007, The First IEEE International Conference on Wireless Rural and Emergency Communications, September 2007, Rome, Italy.

19.1.126. CollaborateCom 2007, The 3rd International Conference on Collaborative Computing: Networking, Applications and Worksharing, November 12-15, 2007, White Plains, New York, USA.

19.1.127. ISCIS 2007, The 22 International Symposium on Computer and Information Sciences, 7-9 November 2007, Ankara, Turkey.

19.1.128. ICESS 2007, 3rd International Conference on Embedded Software and Systems, 14-16 May 2007, Daegu, South Korea.

19.1.129. IWASN 2007, Second International Workshop on Advances in Wireless Sensor Networks, 6-10 August 2007, Philadelphia, PA, USA.

19.1.130. WINSYS 2007, International Conference on Wireless Information Networks and Systems, 28-31 July 2007, Barcelona, Spain.

19.1.131. WWASN 2007, The Fourth Workshop on Wireless Ad hoc and Sensor Networks, 25 June 2007, Toronto, ON, Canada.

19.1.132. BodyNets 2007, First International Conference on Body Area Networks, 14-17 May 2007, Florence, Italy.

19.1.133. IEEE AINA 2007, The IEEE 21st International Conference on Advanced Information Networking and Applications, 21-23 May 2007, Niagara Falls, Canada.

19.1.134. IEEE ICPS 2007, IEEE International Conference on Pervasive Services, July 2007, Istanbul, Turkey.

19.1.135. IEEE ICC 2007, IEEE International Conference on Communications,

Wireless Ad Hoc and Sensor Networks Symposium, and Wireless Communications Symposium, 24-28 June 2007, Glasgow, Scotland, UK.

19.1.136. MSN 2006, The 2nd International Conference on Mobile Ad-hoc and Sensor Networks, 13-15 December 2006, Hong Kong, China.

19.1.137. The 1st International Workshop on Advances in Sensor Networks, 17-21 July 2006, San Jose, California, USA.

19.1.138. IEEE ICDE 2007, The 23rd EEE International Conference on Data Engineering, April 2007, Istanbul, Turkey.

19.1.139. ISCIS 2006, International Symposium on Computer and Information Sciences, November 2006, Istanbul, Turkey.

19.1.140. IEEE ICC 2006, IEEE International Conference on Communications, Wireless Ad Hoc and Sensor Networks Symposium, 11-15 June 2006, Istanbul, Turkey.

19.1.141. IEEE Globecom 2006, IEEE Global Communications Conference, Symposium on Wireless Ad Hoc and Sensor Networks, 27 November - 1 December 2006, San Francisco, CA, USA.

19.1.142. IEEE LCN 2006, IEEE 31th Conference on Local Computer Networks, 14-16 November 2006, FL, USA.

19.1.143. ISSSTA 2006, IEEE 9th International Symposium on Spread Spectrum Techniques and Applications, 28-31 August 2006, Amazon, Brazil.

19.1.144. ISCIS 2005, International Symposium on Computer and Information Sciences, 26-28 October 2005, Istanbul, Turkey.

19.1.145. IEEE LCN 2005, The 30th IEEE Conference on Local Computer Networks, 15-17 November 2005, Sydney, Australia.

19.1.146. MobiDE 2005, ACM Workshop on Data Engineering for Wireless Mobile Access, 2005, Baltimore, MD, USA.

19.1.147. IEEE Infocom 2004, The 23rd Conference of the IEEE Communications Society, 7-11 March 2004, Hong Kong, China.

19.2. **Reviewer for the following Journals**

19.2.1. **Before-2010**: IEEE Transactions on Computers. IEEE Transactions on Parallel and Distributed Systems. Wireless Communications and Mobile Computing (Wiley). EURASIP Journal on Wireless Communications and Networking. Information Sciences (Elsevier). Telecommunications Systems Journal (Springer). Computer Communications (Elsevier). Journal of Network and Computer Applications (Elsevier). Computer Networks (Elsevier). Ad Hoc Networks (Elsevier). IEEE Communications. IEEE Wireless Communications.

19.2.2. **Year-2010**: 06.2010, IEEE Transactions on Vehicular Technology. 09.2010, IEEE Transactions on Vehicular Technology. 06.2010, Hindawi Journal of Electrical and Computer Engineering. 06.2010, Turkish Journal of Electrical engineering and Computer Sciences. 09.2010. Turkish Journal of Electrical engineering and Computer Sciences. 06.2010, Journal of network and Computer Applications. 01.2010, Journal of network and Computer Applications. 07.2010, Springer Distributed and Parallel Databases. 08.2010, IEEE Communications Magazine. 09.2010, IEEE Communications Surveys and Tutorials. 09.2010, The Computer Journal. 01.2010, The Computer Journal. 05.2010, The Computer Journal. 09.2010, IEEE Transactions on Parallel and Distributed Computing. 10.2010, IEEE Transactions on Parallel and Distributed Computing. 10.2010, Elsevier Microelectronics Reliability. 11.2010, Elsevier Computer Communications. 01.2010, Elsevier Computer Communications. 11.2010, IEEE Transactions on Network and Service Management. 05.2010, IEEE/ACM Transactions on Networking. 05.2010,

Springer Mobile Networks and Applications. 01.2010, Springer Mobile Networks and Applications. 05.2010, Springer Wireless Networks. 02.2010. Elsevier Ad Hoc Networks. 12.2010, International Journal of Distributed Sensor Networks.

19.2.3. **Year-2011**:

11.2011, Microelectronics Reliability. 11.2011, Turkish Journal of Electrical Engineering and Computer Science. 10.2011, Turkish Journal of Electrical Engineering and Computer Science. 10.2011, Elsevier Computer Communications. 09.2011, Elsevier Computer Networks. 09.2011, Springer Mobile Networks and Applications. 09.2011, IEEEE Communication Surveys and Tutorials. 09.2011, SIGCOMM Computer Communications Review. 09.2011, KSII Transactions on Internet and Information Systems. 08.2011, Elsevier Computer Communications. 08.2011, IEEE Communications Magazine. 07.2011, IEEE Communications Surveys and Tutorials. 07.2011, Journal of Network and Computer Applications. 06.2011, IET Wireless Sensor Systems. 06.2011, IEEE Transactions on Vehicular Technology. 06.2011, EURASIP Journal on Wireless Communications and Networking. 05.2011, The Computer Journal. 05.2011, Turkish Journal of Electrical Engineering and Computer Science. 05.2011, IEEE Communications Magazine. 04.2011, Turkish Journal of Electrical Engineering and Computer Science. 04.2011, ACM Transactions on Autonomous and Adaptive Systems. 03.2011, EURASIP Journal on Wireless Communications and Networking. 02.2011, Elsevier Computer Networks. 02.2011, Turkish Journal of Electrical Engineering and Computer Science. 01.2011, Sensors. 01.2011, The Computer Journal.

19.2.4. **Year-2012**:

12.2012, IEEE Communications Letters 12.2012, IEEE Transactions on Vehicular Technology 11.2012, International Journal of Communication System 10.2012, IEEE Communications Magazine. 10.2012, Wireless Communications and Mobile Computing. 09.2012, International Journal of Distributed Sensor Networks. 08.2012, Elsevier Computer Networks. 08.2012, Elsevier Ad Hoc Networks. 07.2012, IET Wireless Sensor Systems. 07.2012, IEEE Transactions on Parallel and Distributed Systems. 06.2012, ACM Computing Surveys 04.2012, International Journal of Cooperative Information Systems. 04.2012, Turkish Journal of Electrical Engineering and Computer Sciences. 03.2012, Journal of Computer Science and Technology. 03.2012, IEEE Communications Magazine. 02.2012, Transactions on Biomedical Engineering. 02.2012, Springer Mobile Networks and Applications. 02.2012, Journal of Mathematics in Computer Science. 02.2012, IEEE Communications Surveys and Tutorials. 01.2012, Elsevier Journal of Network and Computer Applications.

19.2.5. **Year-2013**:

02.01.2013, IET Wireless Sensor Systems. 16.01.2013, Computer Networks. 23.01.2013, Wireless Communications and Mobile Computing. 22.02.2013, Computer Networks. 28.02.2013, Applied Mathematics and Information Sciences. 20.03.2013, Journal of Communications and Networks. 05.04.2013, EURASIP Journal on Wireless Communications and Networking. 09.04.2013, Journal of Network and Computer Applications. 29.04.2013, The Computer Journal. 15.05.2013, IEEE Sensors Journal. 25.06.2013, Journal of Network and Computer Applications. 08.07.2013, IEEE Sensors Journal. 08.07.2013, The Computer Journal. 09.07.2013, Journal of Network and Computer Applications. 23.07.2013, The Computer Journal. 27.07.2013,

Computer Networks. 27.07.2013, International Journal of Communication Systems. 31.08.2013, Computer Networks. 06.09.2013, The Computer Journal. 12.09.2013, Signal, Image and Video Processing. 19.09.2013, International Journal of Communication Systems. 27.09.2013, Ad Hoc Networks. 04.10.2013, EURASIP Journal on Wireless Communications and Networking. 09.10.2013, Journal of the Franklin Institute. 25.10.2013, Journal of Communications and Networks. 22.11.2013. Journal of Network and Computer Applications. 08.11.2013. IEEE Sensors. 29.12.2013. Journal of the Network and Systems Management. 20.12.2013, Computer and Electrical Engineering. 24.12.2013. Signal, Image and Video Processing

19.2.6. **Year-2014**:

08.01.2014, Wireless Networks. 18.02.2014, Computer Networks. 03.04.2014. Transactions on Mobile Computing. 19.03.2014. IEEE Transactions on Parallel and Distributed Systems. 04.04.2014. Turkish Journal of Electrical and Electronics Engineering. 13.04.2014. The Computer Journal. 05.04.2014. Journal of Network and Computer Applications. 02.07.2014. Journal of the Network and Systems Management. 14.07.2014. Computer Networks. 24.07.2014. International Journal of Distributed Sensor Networks. 14.09.2014. Ad Hoc Networks. 19.09.2014. Transactions on Internet and Information Systems. 11.10.2014. Journal of Network and Systems Management. 19.10.2014. The Computer Journal. 30.10.2014. Computer Networks.

19.2.7. **Year-2015**:

09.10.2015, Turkish Journal of Electrical Engineering and Computer Sciences. 13.09.2015, ACM Transactions on Autonomous and Adaptive Systems. 06.09.2015, Wireless Networks, Springer. 14.07.2015, Ad Hoc Networks. 23.05.2015, Turkish Journal of Electrical Engineering and Computer Sciences. 04.03.2015, Computer Networks. 25.02.2015, Telecommunication Systems, Springer. 02.02.2015, Turkish Journal of Electrical Engineering and Computer Sciences.

20. **OTHER INFORMATION**

20.1. Languages: English (fluent); German (advanced - KPDS level A: 90/100); Turkish (native);

20.2. Marital status: Married, two children.

20.3. Extra-curricular activities:

20.3.1. 3rd place medal in Bilkent University Sport as Lifestyle Table Tennis Tournament Men's Advanced Category, March 14, 2013.

20.3.2. 4th place medal in Spring 2010 Rector's Cup Table Tennis Tournament Men's Advanced Category, April 14, 2010.

20.3.3. Cup Winner in Bilkent University Republic Cup Fall 2008 Men's Table Tennis Tournament, November 19, 2008.

20.3.4. First Place in Bilkent University Republic Cup 2008 Employee Sports Festival Table Tennis Tournament, January 28, 2008.

20.3.5. First Place in Bilkent University Personnel Men's Table Tennis Tournament (organized as part of Rector's Cup Sporting Events), June 2007.

20.3.6. First place in T-Shirt Design Contest in Computer Science Department of University of Maryland, College Park, 1996.

20.3.7. Second Place in Table-Tennis Tournament among Science High-schools of Turkey, Goztepe-Istanbul, 1989.