

## Assoc. Prof. TUĞRUL ÇAVDAR

### Personal Information

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### Education Information

Doctorate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Elektronik Mühendisliği Anabilim Dalı, Turkey 1997 - 2003

Postgraduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Elektronik Mühendisliği Anabilim Dalı, Turkey 1994 - 1997

Undergraduate, Karadeniz Technical University, Mühendislik - Mimarlık Fakültesi, Elektronik Mühendisliği Bölümü, Turkey 1990 - 1994

### Foreign Languages

English, B2 Upper Intermediate

### Certificates, Courses and Trainings

Education Management and Planning, Proje Yazma Eğitimi, KTÜ, 2014

Education Management and Planning, Proje Yazma Eğitimi, TÜBİTAK ARBİS, 2014

Education Management and Planning, ABB Robot Kolu, ABB, 2010

### Dissertations

Doctorate, YENİ BİR ARDIŞIK DİZİ KESTİRİM ALGORİTMASI VE FREKANS SEÇİCİ KANALLARDA BAŞARIMININ İNCELENMESİ, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Elektronik Mühendisliği Anabilim Dalı, 2003

Postgraduate, Bir Robot Kolumun Tasarımı, Gerçeklenmesi, Kontrolü ve Modellenmesi, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Elektronik Mühendisliği Anabilim Dalı, 1997

### Research Areas

Communication Engineering, Robotics and Mechatronics Systems, Computer Networks

### Academic Titles / Tasks

Associate Professor, Karadeniz Technical University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2018 - Continues

Assistant Professor, Karadeniz Technical University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2007 - 2018

Assistant Professor, Northeastern University, Engineering, Electrical & Computer Engineering, 2012 - 2013

Lecturer PhD, Karadeniz Technical University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2005 - 2007  
Research Assistant PhD, Karadeniz Technical University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2003 - 2005  
Research Assistant, Karadeniz Technical University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 1994 - 2003

## Academic and Administrative Experience

Karadeniz Technical University, 2013 - Continues  
Karadeniz Technical University, 2012 - Continues  
Karadeniz Technical University, 2010 - Continues  
Karadeniz Technical University, 2009 - 2012

## Courses

Elektronik Devreler, Undergraduate, 2019 - 2020  
Kablosuz İletişim, Doctorate, 2019 - 2020  
Robot Teknolojisi, Undergraduate, 2019 - 2020  
Kablosuz Gezgin Ağlar, Doctorate, 2015 - 2016

## Advising Theses

ÇAVDAR T., Design of A Novel Hybrid Multi-Path Routing Method for Cognitive Radio Ad Hoc Networks, Doctorate, E.Güler(Student), 2018  
ÇAVDAR T., A Novel Spectrum Management Model Based on Multi Criteria Decision Making Methods in Cognitive Radio Networks, Doctorate, Z.Sadreddini(Student), 2018  
ÇAVDAR T., Proposing a Novel General Purposed Architectural Model for the Internet of Things, Postgraduate, E.Öztürk(Student), 2017  
ÇAVDAR T., Dynamic Web Cache Replacement Algorithm and Optimal Placement of Web Cache Server, Postgraduate, M.Edris(Student), 2017  
ÇAVDAR T., Bir Uzabulunum Robotun Tasarımı ve Gerçeklenmesi, Postgraduate, Ş.Demir(Student), 2016  
ÇAVDAR T., Kablosuz Duyarga ve Aktör Ağları Yardımıyla Karasal Filoların İnsansız Denetimi, Postgraduate, F.Baturalp(Student), 2015

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

- I. **SERDP: Signature-based and energy-efficient relay discovery protocol for Internet of Things in cellular networks**  
Cavdar T., Kakiz M. T. , Gunay F. B. , Ebrahimpour N.  
INTERNATIONAL JOURNAL OF COMMUNICATION SYSTEMS, 2021 (Journal Indexed in SCI)
- II. **Vehicular Ad Hoc Network (VANET) Localization Techniques: A Survey**  
GÜNAY F. B. , ÖZTÜRK E., ÇAVDAR T., Hanay Y. S. , Khan A. u. R.  
ARCHIVES OF COMPUTATIONAL METHODS IN ENGINEERING, 2020 (Journal Indexed in SCI)
- III. **Decision-making for small industrial Internet of Things using decision fusion**  
ÇAVDAR T., Ebrahimpour N.  
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.27, no.6, pp.4134-4150, 2019 (Journal Indexed in SCI)
- IV. **HyMPRo: a hybrid multi-path routing algorithm for cognitive radio ad hoc networks**  
ÇAVDAR T., Guler E.  
TELECOMMUNICATION SYSTEMS, vol.69, no.1, pp.61-76, 2018 (Journal Indexed in SCI)

- V. **Pre-reservation based spectrum allocation for cognitive radio network**  
 ÇAVDAR T., Sadreddini Z., Guler E.  
 TELECOMMUNICATION SYSTEMS, vol.68, no.4, pp.723-743, 2018 (Journal Indexed in SCI)
- VI. **Dynamic Resource Sharing in 5G with LSA: Criteria-Based Management Framework**  
 Sadreddini Z., Masek P., ÇAVDAR T., Ometov A., Hosek J., Gudkova I., Andreev S.  
 WIRELESS COMMUNICATIONS & MOBILE COMPUTING, 2018 (Journal Indexed in SCI)
- VII. **Threshold-based negotiation framework for grid resource allocation**  
 ÇAVDAR T., Kakiz M. T.  
 IET COMMUNICATIONS, vol.11, no.14, pp.2236-2243, 2017 (Journal Indexed in SCI)
- VIII. **PSO tuned ANFIS equalizer based on fuzzy C-means clustering algorithm**  
 ÇAVDAR T.  
 AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS, vol.70, no.6, pp.799-807, 2016  
 (Journal Indexed in SCI)
- IX. **Instant overbooking framework for cognitive radio networks**  
 ÇAVDAR T., Guler E., Sadreddini Z.  
 COMPUTER NETWORKS, vol.76, pp.227-241, 2015 (Journal Indexed in SCI)
- X. **A new heuristic approach for inverse kinematics of robot arms**  
 ÇAVDAR T., Mohammad M., Milani R. A.  
 Advanced Science Letters, vol.19, no.1, pp.329-333, 2013 (Journal Indexed in SCI Expanded)
- XI. **A new multipath channel transformation technique**  
 Cavdar T.  
 TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.20, no.5, pp.679-694, 2012  
 (Journal Indexed in SCI)
- XII. **Application of Sequential Estimation Algorithm Based on Branch Metric to Frequency-Selective Channel Equalization**  
 ÇAVDAR T., GANGAL A.  
 WIRELESS PERSONAL COMMUNICATIONS, vol.55, no.4, pp.655-664, 2010 (Journal Indexed in SCI)
- XIII. **A new sequential decoding algorithm based on branch metric**  
 ÇAVDAR T., GANGAL A.  
 WIRELESS PERSONAL COMMUNICATIONS, vol.43, no.4, pp.1093-1100, 2007 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. **Trajectory Planning for Point-to-Point Motion Using High-order Polynomials**  
 Barghi Jond H., NABIYEV V., ÇAVDAR T.  
 Majlesi Journal of Electrical Engineering, vol.14, no.1, 2020 (Refereed Journals of Other Institutions)
- II. **Applications of Intermittently Connected Delay Tolerant Wireless Sensor Networks (ICDT-WSNs) – A Survey**  
 Ebrahimpour N., ÖZTÜRK E., ÇAVDAR T.  
 International Journal of 3D Printing Technologies and Digital Industry, vol.3, no.3, pp.261-268, 2019 (Refereed Journals of Other Institutions)
- III. **Creating an Optimal Ad Hoc Network in Internet of Vehicles with Artificial Neural Networks**  
 ÖZTÜRK E., ULU A., ÇAVDAR T.  
 International Journal of 3D Printing Technologies and Digital Industry, vol.3, pp.254-260, 2019 (International Refereed University Journal)
- IV. **Prevent the Transmission of Useless Repeated Data to the Network in Internet of Things**  
 ÖZTÜRK E., ULU A., ÇAVDAR T.  
 Turkish Journal of Engineering, vol.3, no.1, pp.39-42, 2019 (Refereed Journals of Other Institutions)
- V. **Prevent the Transmission of Useless Repeated Data to the Network in Internet of Things**  
 Öztürk E., Ulu A., Cavdar T.

- Turkish Journal of Engineering, vol.3, no.1, pp.39-42, 2019 (Refereed Journals of Other Institutions)
- VI. **On the Performance of Spectrum Handoff Framework for Next-generation 5G Networks**  
Masek P., Sadreddini Z., ÇAVDAR T., Hosek J.  
INFOCOMMUNICATIONS JOURNAL, vol.9, no.4, pp.7-14, 2017 (Journal Indexed in ESCI)
- VII. **QoS-Driven Pricing Policy for Cognitive Radio Networks**  
ÇAVDAR T., SADREDDINI Z.  
SAÜ Fen Bilimleri Enstitüsü Dergisi, vol.21, no.4, pp.637-642, 2017 (Other Refereed National Journals)
- VIII. **Nesnelerin interneti için yeni bir mimari tasarımı**  
ÇAVDAR T., ÖZTÜRK E.  
Sakarya University Journal of Science, vol.22, no.1, pp.39-48, 2017 (Other Refereed National Journals)
- IX. **Android ve Web Tabanlı Latin – Göktürk Yazı Sistemi Dönüştürücü Yazılımı**  
ÇAVDAR T.  
Fırat Üniversitesi Mühendislik Bilimleri Dergisi, vol.29, no.1, pp.331-340, 2017 (Other Refereed National Journals)
- X. **Bir Robot Kolunun Tasarımı, Gerçeklenmesi, Denetimi ve Modellenmesi**  
ÇAVDAR T.  
Endüstri & Otomasyon, no.125, pp.26-32, 2007 (Other Refereed National Journals)

### **Refereed Congress / Symposium Publications in Proceedings**

- I. **Creating an Optimal Ad Hoc Network in Internet of Vehicles with Artificial Neural Networks**  
ÖZTÜRK E., ULU A., ÇAVDAR T.  
4th International Congress On 3D Printing (Additive Manufacturing) Technologies and Digital Industry, Antalya, Turkey, 11 - 14 April 2019
- II. **Applications of Intermittently Connected Delay Tolerant Wireless Sensor Networks (ICDT-WSNs) – A Survey**  
Ebrahimpour N., ÖZTÜRK E., ÇAVDAR T.  
4th International Congress On 3D Printing (Additive Manufacturing) Technologies and Digital Industry, Antalya, Turkey, 11 - 14 April 2019
- III. **Optimization of the Sensor Nodes in IoT via Simulated Annealing and Genetic Algorithms**  
ÖZTÜRK E., GÜNAY F. B. , ULU A., ÇAVDAR T.  
International Artvin Symposium'18 (IAS'18), Artvin, Turkey, 18 - 20 October 2018
- IV. **A Novel Trend in Information Technologies: IoT and Industry 4.0**  
ÖZTÜRK E., ULU A., ÇAVDAR T.  
International Artvin Symposium'18 (IAS'18), Artvin, Turkey, 18 - 20 October 2018
- V. **Designing an IOT Based System for Indoor Detection and Mapping of Harmful Gases**  
GÜNAY F. B. , ÖZTÜRK E., ÇAVDAR T.  
International Artvin Symposium'18 (IAS'18), Artvin, Turkey, 18 - 20 October 2018
- VI. **A Novel Approach to Increase the Quality of Composite Materials via Artificial Neural Networks**  
DÖNMEZ ÇAVDAR A., ÖZTÜRK E., ÇAVDAR T.  
International Artificial Intelligence and Data Processing Symposium '18 (IDAP'18), Malatya, Turkey, 28 - 30 September 2018
- VII. **Performance Analysis of Licensed Shared Access Based Secondary Users Activity on Cognitive Radio Networks**  
SADREDDINI Z., AYDOĞDU Ö., GÜNAY F. B. , ÇAVDAR T.  
EBBT 2018, İstanbul, Turkey, 18 - 19 April 2018
- VIII. **Lisanslı Paylaşımlı Erişime Dayalı İkincil Kullanıcı Faaliyetinin Bilişsel Radyo Ağlarında Performans Analizi**  
SADREDDINI Z., AYDOĞDU Ö., ÇAVDAR T., GÜNAY F. B.  
Elektrik-Elektronik, Bilgisayar, Biyomedikal Mühendislikleri Bilimsel Toplantısı (EBBT'2018), İstanbul, Turkey, 18 - 19 April 2018

- IX. **A Novel Approach to Determine the Amount of Natural Fiber and Polymer of Composite Materials via Artificial Neural Networks**  
DÖNMEZ ÇAVDAR A., ÖZTÜRK E., ÇAVDAR T.  
International Conference on Artificial Intelligence and Data Processing (IDAP), Malatya, Turkey, 28 - 30 September 2018
- X. **An Analysis of Load Balancing Strategies with Wireshark in Software Defined Networks**  
AYMAZ Ş., ÇAVDAR T., Aymaz S., ÖZTÜRK E.  
International Conference on Artificial Intelligence and Data Processing (IDAP), Malatya, Turkey, 28 - 30 September 2018
- XI. **A novel SDN-based IoT architecture for big data**  
KAKIZ M. T. , ÖZTÜRK E., ÇAVDAR T.  
2017 International Artificial Intelligence and Data Processing Symposium, IDAP 2017, Malatya, Turkey, 16 - 17 September 2017
- XII. **Optimization of the Traffic Lights Based on Density of Vehicles**  
ÖZTÜRK E., GÜNAY F. B. , ÇAVDAR T.  
8th International Advanced Technologies Symposium (IATS17), Elazığ, Turkey, 19 - 21 October 2017, pp.1988-1992
- XIII. **Network Slicing on 5G Mobile Networks: A Review, Research Issues and Challenges**  
KAKIZ M. T. , ÖZTÜRK E., ÇAVDAR T.  
8th International Advanced Technologies Symposium (IATS17), Elazığ, Turkey, 19 - 21 October 2017, pp.1993-1999
- XIV. **Route Determination For Fire Evacuation Based On Artificial Bee Colony Algorithm**  
Bekar B., Ocak Ü., ÇAVDAR T.  
8th International Advanced Technologies Symposium (IATS17), Elazığ, Turkey, 19 - 21 October 2017, pp.2078-2084
- XV. **Designing Moving Leds to Save Energy Using Wireless Sensor Networks**  
GÜNAY F. B. , ÖZTÜRK E., ÇAVDAR T.  
8th International Advanced Technologies Symposium (IATS17), Elazığ, Turkey, 19 - 21 October 2017, pp.2198-2201
- XVI. **Designing an Early Warning System for Avalanches Using Wireless Sensor Networks**  
GÜNAY F. B. , KAKIZ M. T. , ÇAVDAR T.  
8th International Advanced Technologies Symposium (IATS17), Elazığ, Turkey, 19 - 21 October 2017, pp.2193-2197
- XVII. **Optimization of the Traffic Lights Based on Density of Vehicles**  
ÖZTÜRK E., GÜNAY F. B. , ÇAVDAR T.  
8th International Advanced Technologies Symposium (IATS17), Elazığ, Turkey, 19 - 21 October 2017, pp.2044-2048
- XVIII. **Network Slicing on 5G Mobile Networks: A Review, Research Issues and Challenges**  
KAKIZ M. T. , ÖZTÜRK E., ÇAVDAR T.  
8th International Advanced Technologies Symposium (IATS17), Elazığ, Turkey, 19 - 21 October 2017, pp.2049-2055
- XIX. **The Economical Importance and Contribution of Information Technologies to Rural and Regional Development: An Empirical Analysis**  
ÖZTÜRK E., KAKIZ M. T. , ÇAVDAR T.  
4th International Regional Development Conference (IRDC'xx17), Tunceli, Turkey, 21 - 23 September 2017, pp.684-690
- XX. **The Economical Importance and Contribution of Information Technologies to Rural and Regional Development: An Empirical Analysis**  
ÖZTÜRK E., KAKIZ M. T. , ÇAVDAR T.  
4th International Regional Development Conference (IRDC 17), Tunceli, Turkey, 21 - 23 September 2017, pp.684-690

- XXI. **Dynamic Spectrum Handoff with LSA Framework for Next-generation (5G) Systems**  
SADREDDINI Z., Masek P., Hosek J., ÇAVDAR T.  
Haberleşme Teknolojileri ve Uygulama Çalıştayı, İstanbul, Turkey, 01 August 2017
- XXII. **Enhanced Web Cache Replacement Policy Based on Data Mining and RFSD Scoring**  
Rajaby M. E. , ÇAVDAR T.  
2nd World Conference on Technology, Innovation and Entrepreneurship, İstanbul, Turkey, 12 - 14 May 2017, vol.5, pp.293-298
- XXIII. **Fire Evacuation Route Determination based on Particle Swarm Optimization**  
AYMAZ Ş., ÇAVDAR T., DÖNMEZ ÇAVDAR A.  
2017 International Artificial Intelligence and Data Processing Symposium (IDAP), Malatya, Turkey, 16 - 17 September 2017
- XXIV. **Dynamic User-centric Spectrum Handoff in 5G Systems: Optimized Criteria Based Resource Management Framework**  
Masek P., Sadreddini Z., ÇAVDAR T., Hosek J.  
9th International Congress on Ultra Modern Telecommunications and Control Systems (ICUMT), Munich, Germany, 6 - 08 November 2017, pp.167-172
- XXV. **Modeling of Spectrum Handoff in 3GPP LTE-A Indoor Deployment**  
Masek P., Sadreddini Z., ÇAVDAR T., Hosek J.  
40th International Conference on Telecommunications and Signal Processing (TSP), Barcelona, Spain, 5 - 07 July 2017, pp.204-207
- XXVI. **Dynamic Decision-Based Spectrum Sharing Framework for Next-generation (5G) Systems**  
Sadreddini Z., Masek P., ÇAVDAR T., Hosek J., Guler E.  
25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017
- XXVII. **Performance Analysis of Dynamic Spectrum Management in Cognitive Radio Networks**  
Sadreddini Z., ÇAVDAR T.  
Scientific Meeting on Electric Electronics, Computer Science, Biomedical Engineerings (EBBT), İstanbul, Turkey, 20 - 21 April 2017
- XXVIII. **Uzabulunum Robotlarda Konum Tespiti**  
ÇAVDAR T., AYMAZ Ş., AYMAZ S.  
2016 Otomatik Kontrol Ulusal Toplantısı TOK'2016, Eskişehir, Turkey, 29 September - 01 October 2016
- XXIX. **Performance Analysis of the Dynamic Switch System Based on User Activity in Cognitive Radio Network**  
Sadreddini Z., ÇAVDAR T., Guler E.  
39th International Conference on Telecommunications and Signal Processing (TSP), Vienna, Austria, 27 - 29 June 2016, pp.145-148
- XXX. **General Resource Management via Several Message Criteria in Vehicular Delay Tolerant Networks**  
Sadreddini Z., ÇAVDAR T.  
24th Signal Processing and Communication Application Conference (SIU), Zonguldak, Turkey, 16 - 19 May 2016, pp.289-292
- XXXI. **Ultrasonic Assistive Headset for Visually Impaired People**  
AYMAZ Ş., ÇAVDAR T.  
39th International Conference on Telecommunications and Signal Processing (TSP), Vienna, Austria, 27 - 29 June 2016, pp.388-391
- XXXII. **A Distance Measurement Method Using Single Camera For Indoor Environments**  
Sadreddini Z., ÇAVDAR T., Jond H. B.  
39th International Conference on Telecommunications and Signal Processing (TSP), Vienna, Austria, 27 - 29 June 2016, pp.462-465
- XXXIII. **Farklı Kullanıcı Türleri İçin Akıllı Ev Tasarımları Ve Teknolojilerinin Sınıflandırılması**  
DÖNMEZ ÇAVDAR A., ÇAVDAR T., KULAK F., TORUN A.  
I. Ulusal İç Mimari Tasarım Sempozyumu, Trabzon, Turkey, 12 - 13 November 2015
- XXXIV. **Bir Uzabulum (Telepresence) Robotun Tasarımı ve Gerçeklenmesi**

ÇAVDAR T., AYMAZ Ş.

Mühendislikte Yeni Teknolojiler Sempozyumu (MYT 2015), Bayburt, Turkey, 22 - 24 October 2015

- XXXV. **Kablosuz Algılayıcı Ağlarla Müze Ziyaretçisi Lokalizasyon Modeli**  
GÜNAY F. B. , ÇAVDAR T.  
2. Ulusal Yönetim Bilişim Sistemleri Kongresi (YBS 2015), Erzurum, Turkey, 8 - 10 October 2015
- XXXVI. **PSO-optimized Instant Overbooking Framework for Cognitive Radio Networks**  
Sadreddini Z., Guler E., ÇAVDAR T.  
38th International Conference on Telecommunications and Signal Processing (TSP), Prague, Czech Republic, 9 - 11 July 2015, pp.49-53
- XXXVII. **Multi-Path Route Discovery Algorithm for Cognitive Radio Ad Hoc Networks Using Algebraic Connectivity**  
Guler E., Sadreddini Z., ÇAVDAR T.  
38th International Conference on Telecommunications and Signal Processing (TSP), Prague, Czech Republic, 9 - 11 July 2015, pp.54-59
- XXXVIII. **Unmanned Mobile Fleet Application with Sensor Networks**  
GÜNAY F. B. , ÇAVDAR T.  
23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.1821-1824
- XXXIX. **Mobile Fleet Localization Model via RSSI, TOA and TDOA in Wireless Sensor Networks**  
GÜNAY F. B. , ÇAVDAR T.  
22nd IEEE Signal Processing and Communications Applications Conference (SIU), Trabzon, Turkey, 23 - 25 April 2014, pp.1431-1434
- XL. **Particle Swarm Optimization - Based Determination of Ziegler-Nichols Parameters for PID Controller of Brushless DC Motors**  
Alavi Milani M. M. R. , ÇAVDAR T., Faryad Aghjehkand V.  
2012 International Symposium on Innovations in Intelligent Systems and Applications, Trabzon, Turkey, Turkey, 2 - 04 July 2012
- XLI. **Performance Analysis of Spectrum Utilization in Cognitive Radio Networks by Using Penalty Function Based Genetic Algorithm**  
İmamoğlu M. B. , ÇAVDAR T.  
2nd World Conference on Information Technology (WCIT 2011), Antalya, Turkey, 24 - 27 November 2011, pp.250-255
- XLII. **A Novel Approach Based on Genetic Algorithm to Solve Spectrum Allocation Problem in Cognitive Radio Networks**  
ÇAVDAR T., İmamoğlu M. B.  
6th International Advanced Technologies Symposium (IATS'11), Elazığ, Turkey, 16 - 18 May 2011, pp.127-130
- XLIII. **BİR EKİRAN KARTININ TASARIMI VE GERÇEKLENMESİ**  
ÇAVDAR T., DİZDAROĞLU B.  
5. Uluslararası İleri Teknolojiler Sempozyumu (IATS'09), Karabük, Turkey, 13 - 15 May 2009
- XLIV. **POISSON DENKLEMNE BAĞLI RENKLİ İMGE DÜZENLEME**  
DİZDAROĞLU B., ÇAVDAR T.  
5. Uluslararası İleri Teknolojiler Sempozyumu (IATS'09), Karabük, Turkey, 13 - 15 May 2009
- XLV. **Poisson Denklemine Bağlı Renkli İmge Düzenleme**  
DİZDAROĞLU B., ÇAVDAR T.  
5. Uluslararası İleri Teknolojiler Sempozyumu (IATS'09), Karabük, Turkey, 13 May - 15 September 2009, pp.438-442
- XLVI. **Design and Implementation of A Mat Forming Machine**  
ÇAVDAR T., DİZDAROĞLU B.  
5th International Advanced Technologies Symposium (IATS'09), Karabük, Turkey, 13 - 15 May 2009
- XLVII. **Design and Implementation of a Graphic Adaptor**  
ÇAVDAR T., DİZDAROĞLU B.

- 5th International Advanced Technologies Symposium (IATS'09), Karabük, Turkey, 13 - 15 May 2009
- XLVIII. **Color Image Editing Based on Poisson Equation**  
DİZDAROĞLU B., ÇAVDAR T.  
5th International Advanced Technologies Symposium (IATS'09), Karabük, Turkey, 13 - 15 May 2009
- XLIX. **İki Serbestlik Dereceli bir Robot Kolu**  
ÇAVDAR T.  
3. Otomasyon Sempozyumu, Denizli, Turkey, 11 - 12 November 2005, pp.170-175
- L. **DSP'lerde İşlem Karmaşıklığını İndirgeme üzerine bir Çalışma**  
ÇAVDAR T.  
Elektrik-Elektronik-Bilgisayar Mühendisliği 11. Ulusal Kongresi ve Fuarı, İstanbul, Turkey, 22 - 25 September 2005, pp.324-327
- LI. **Yüksek Hızlı İletişim Sistemleri için Ye?i bir Kanal Denkleştirici**  
ÇAVDAR T.  
IEEE 12. Sinyal İşleme ve İletişim Uygulamaları Kurultayı (SİU 2004), Aydın, Turkey, 28 - 30 April 2004, pp.530-533
- LII. **A new channel equalizer for high speed communication systems**  
Cavdar T.  
IEEE 12th Signal Processing and Communications Applications Conference, Kusadasi, Turkey, 28 - 30 April 2004, pp.530-533
- LIII. **Bir ML Yumuşak Kararlı Ardışık Kod Çözme Algoritması ve Diğer Ardışık Kod Çözme Algoritmalarıyla Karşılaştırılması**  
ÇAVDAR T., GANGAL A.  
IEEE 11. Sinyal İşleme ve İletişim Uygulamaları Kurultayı (SİU 2003), İstanbul, Turkey, 18 - 20 June 2003, pp.711-714
- LIV. **Bir Robot Kolunun Tasarımı Gerçeklenmesi ve Kontrolü**  
ÇAVDAR T., ULUTAŞ M., AKSOY S.  
Elektrik-Elektronik-Bilgisayar Mühendisliği 7. Ulusal Kongresi, Ankara, Turkey, 8 - 14 September 1997, pp.236-239
- LV. **Hücre Hareketli Yer Haberleşmesinde Yol Geometrisinin Bilgisayar Destekli İncelenmesi**  
CORA A., ÇAVDAR T.  
Elektrik-Elektronik-Bilgisayar Mühendisliği 6. Ulusal Kongresi, Bursa, Turkey, 11 - 17 September 1995, pp.700-703

## Activities in Scientific Journals

Turkish Journal of Electrical Engineering & Computer Sciences, Editor, 2017 - Continues

## Memberships / Tasks in Scientific Organizations

Atatürk Kültür, Dil ve Tarih Yüksek Kurumu, Member of Science Committee, 2021 - Continues, Turkey

Elektrik Mühendisleri Odası, Member, 1995 - 2002, Turkey

## Scientific Research / Working Group Memberships

Cost Action Ca19111 - European Network On Future Generation Optical Wireless Communication Technologies, Karadeniz Technical University, Turkey, <https://www.cost.eu/actions/CA19111/#tabs|Name:overview>, 2021 - Continues

## Citations

Total Citations (WOS):48

h-index (WOS):3