

Asst. Prof. BARIŞ DOĞAN

Personal Information

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International Researcher IDs

ScholarID: GWHxe3YAAAAJ

ORCID: 0000-0002-5490-9821

Publons / Web Of Science ResearcherID: AAR-8477-2020

ScopusID: 23990043800

Yoksis Researcher ID: 21857



Biography

Barış DOĞAN was born in 1978 in Izmir. He completed his high school education at Izmir Çınarlı Anatolian Technical High School, Electronics Department, and graduated in 1996. In 1997, he enrolled in the Computer and Control Education Program at Marmara University's Faculty of Technical Education, from which he graduated in 2002. After graduation, he began working as a Computer Technical Teacher at Kadıköy Anatolian Commercial and Vocational High School under the Ministry of National Education. In the same year, he started his Master's degree in the Computer and Control Education Program at Marmara University's Institute of Science. While working as a technical teacher, he also worked as an adjunct lecturer in the Computer Technology and Programming Department at Marmara University's Technical Sciences Vocational School for three semesters between 2003 and 2006. In June 2006, he was appointed as a Research Assistant in the Mechatronics Education Department of the faculty from which he graduated. In 2012, under the Ministry of Science, Industry and Technology's Techno-Entrepreneurship Capital Support program (TÜBİTAK 1512), he founded BCD Teknik ARGE ve Robotik Otomasyon San. Tic. Ltd. In 2015, he received one month of training in entrepreneurship, international trade, and product development in Silicon Valley, USA, under the TÜBİTAK 2239 program. In the same year, he transferred to a full-time position in the Mechatronics Engineering Department of the Faculty of Technology at Marmara University. In 2016, he commercialized his Techno-Entrepreneurship business idea "Smart Dump Truck" to be used in the construction of Istanbul Airport. From August 2018 to February 2021, he worked as a technical consultant for AVIONICS systems at DELTAV Space Technologies Inc., one of the key stakeholders in the national space program. In August 2020, he was appointed as an Assistant Professor. He is also one of the founding partners of MİLTEKSAN CNC Technology and Control Systems Inc., established in July 2020 to develop a domestic new-generation 5-axis CNC controller. He continues to work on control systems in the same faculty.

Education

| | |
|-------------|---|
| 2007 - 2018 | Doctorate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Bilgisayar-Kontrol Eğitimi (Y) (Tezli), Turkey |
| 2002 - 2007 | Postgraduate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Bilgisayar-Kontrol Eğitimi (Y) (Tezli), Turkey |
| 1997 - 2002 | Undergraduate, Marmara University, Faculty of Technical Education, Electronic and Computer Education, Turkey |

Foreign Languages

Certificates, Courses and Trainings

| | |
|------|--|
| 2017 | Sivil Havacılık Genel Müdürlüğü İnsansız Hava Aracı Ticari Pilot Sertifikası İHA-1, Personal Evolution, Samsun 19 Mayıs Üniversitesi UZAYTEM |
| 2016 | TÜBİTAK 1601 Mentor RD Training Eğitimi, Commercialization, Marmara University |
| 2016 | TÜBİTAK 1601 TeknoMENTORs Eğitimi, Commercialization, Middle East Technical University |
| 2015 | TÜBİTAK 2239 - A.B.D. Silikon Vadisi'nde "Uluslararası İş Geliştirme ve Hızlandırıcı Eğitimi", Commercialization, Club Silicon Valley Inc. |
| 2014 | Girişimci Destek Programı Oryantasyon Eğitimi, Entrepreneurship, TÜBİTAK TÜSSİDE |

Dissertations

| | |
|------|--|
| 2018 | INTEGRATING COMPUTER INTEGRATED FLEXIBLE MANUFACTURING SYSTEM (CIM/FMS) INTO MECHATRONICS EDUCATION AND CURRICULUM DEVELOPMENT, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Department of Electronics-Computer Education, Doctorate |
| 2007 | WEB BASED SYSTEM CONTROL AND DEVELOPMENT OF REMOTE ACCESS LABORATORY, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Department of Electronics-Computer Education, Postgraduate |

Research Areas

Simulation, Modelling and Identification, Controllers, Industrial automation, Communication Control Systems, Stability, Discrete Time Systems and Computer Control, Control Systems and Instrumentation, System Diagnostics, Time Varying Systems, Smart Factors, Field and Service Robots, Computer Vision, Human and Robot Interaction, Mechatronic Systems, Route and Motion Planning, Pattern Recognition and Analysis, Simulation and Modelling, Computer Networks, Equipment, Software, Printed Circuits, Thin Film, Thick Film and Hybrid ICs, Circuit Theory, Sensing Devices and Transducers, Electronic Circuits, Passive Circuit Components, Cables, Switches and Connectors, Electrical Machine Theory and Design, Electric Motor Drivers, Robotics, Mechatronics, Modeling and Simulation of Dynamic Systems

Academic Positions

| | |
|------------------|---|
| 2020 - Continues | Assistant Professor, Marmara University, Faculty of Technology, Mechatronic Engineering |
| 2018 - 2020 | Research Assistant PhD, Marmara University, Faculty of Technology, Mechatronic Engineering |
| 2015 - 2018 | Research Assistant, Marmara University, Faculty of Technology, Mechatronic Engineering |
| 2006 - 2015 | Research Assistant, Marmara University, Faculty of Technical Education, Mechatronic Education |
| 2005 - 2006 | Visiting Lecturer, Marmara University, Vocational School of Technical Sciences, Computer Technologies |
| 2002 - 2006 | Teacher, Ministry Of Education, Kadıköy Anatolian Trade Vocational High School |
| 2003 - 2003 | Visiting Lecturer, Marmara University, Vocational School of Technical Sciences, Computer Technologies |

Academic and Administrative Experience

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|------------------|---|
| 2018 - Continues | Coordinator of Faculty Publicity and Student Clubs, Marmara University, Faculty of Technology |
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Courses

Undergraduate

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|--------------------------|---|
| 2023 - 2024 | İleri Otomatik Kontrol (Güz) |
| 2021 - 2022 | Graduation Project |
| 2020 - 2021 | Introduction to Computer Systems |
| 2020 - 2021, 2019 - 2020 | Usage of Fundamental Information Technologies |
| 2020 - 2021, 2019 - 2020 | Control Systems |
| 2019 - 2020 | Automatic Control, Automatic Control Systems |
| 2019 - 2020 | Industrial Automatic Control |
| 2020 - 2021 | Electrical Motor Drivers |
| 2016 - 2017 | Electronics 2 |
| 2016 - 2017 | Graduation Project 2 |
| 2016 - 2017 | Flexible Manufacturing Systems |
| 2016 - 2017 | Workplace Training |
| 2016 - 2017 | Electronics 1 |

Associate Degree

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|--------------------------|----------------------|
| 2005 - 2006, 2002 - 2003 | Network Programming |
| 2005 - 2006, 2002 - 2003 | Graduation Project |
| 2005 - 2006 | Visual Programming 2 |

Supervised Theses

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|------|--|
| 2022 | Doğan B., Erdal H., Postgraduate, K.PEHLİVAN(Student), Developing An Optical and Pattern Recognition Based Precision Landing System For Rotary wing UAVS |
| 2020 | Erdal H., Doğan B., Postgraduate, F.TİRYAKI(Student), Deep Learning Based Object Detection via UAV and Computation of GNSS Location Coordinates |
| 2019 | Demir Ö., Doğan B., Postgraduate, Ö.KUTLU(Student), ANALYSIS OF IMAGES OBTAINED BY UNMANNED AERIAL VEHICLE BY DEEP LEARNING METHODS |

Journal articles indexed in SCI, SSCI, and AHCI

- I. **A new device for assessment and training the human balance and coordination: Marmara Balance and Education System (MarBES)**
KURU ÇOLAK T., Özen T., Günay Yazıcı C., Sarı D. M., Karabacak N., SARI Z., POLAT M. G., DOĞAN B., TARIM M.
Irish Journal of Medical Science, vol.192, no.5, pp.2409-2416, 2023 (SCI-Expanded)
- II. **The Role of the Maker Movement in Engineering Education: Student Views on Key Issues of Makerspace Environment**
DOĞAN B., DOĞAN B., ÜLKÜ E. E., BAŞ A., ERDAL H.
INTERNATIONAL JOURNAL OF ENGINEERING EDUCATION, vol.36, no.4, pp.1161-1169, 2020 (SCI-Expanded)
- III. **A comparative study of denoising sEMG signals**
BAŞPINAR U., Senyurek V. Y., DOĞAN B., Varol H. S.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.23, no.4, pp.931-944, 2015 (SCI-Expanded)
- IV. **EXPERIMENT-BASED DETERMINATION of DC MOTOR PARAMETERS and OPTIMIZATION of**

PARAMETER DETERMINATION RESULTS

Erdal H., Doğan B.

JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.27, pp.589-598, 2012 (SCI-Expanded)

V. System Control Through the Internet and a Remote Access Laboratory Implementation

Doğan B., Erdal H.

Lecture Notes In Computer Science, vol.4823, pp.532-541, 2008 (SCI-Expanded)

Articles Published in Other Journals

I. Design and Construction of Atmospheric Particle Sampling System by Unmanned Aerial Vehicle

Akkoyunlu B. O., Oruç İ., Alpman E., Doğan B., Baltacı H.

International journal of advances in engineering and pure sciences (Online), vol.33, no.1, pp.90-96, 2021 (Peer-Reviewed Journal)

II. Smart Tipper

Doğan B.

ST Otomasyon Dergisi, no.60, pp.116-119, 2013 (Peer-Reviewed Journal)

III. Electronic Stabilization Control Module

Doğan B.

Otomasyon Dergisi, no.250, pp.368-370, 2013 (Peer-Reviewed Journal)

IV. Computer Based Automation Of A Model Train Layout Whose Technology Relies On 1930's

Doğan B., Bayar H., Utkan M.

Otomasyon Dergisi, no.225, pp.220-228, 2011 (Peer-Reviewed Journal)

Papers Presented at Peer-Reviewed Scientific Conferences

I. Reliability of balance and coordination measurements evaluated using Marmara Balance and Education System (MarBES) device in healthy young individuals

Kuru Çolak T., Özen T., Günay Yazıcı C., Sarı D. M., Karabacak N., Sarı Z., Polat M. G., Doğan B., Tarım M.

Uluslararası Denge Kongresi, Gaziantep, Turkey, 25 - 26 November 2022, (Summary Text)

II. Inline contactless optical measuring of glass fiber properties and retrofitting an adaptive cooling system for glass fiber production

Eberhardt B., Akdere M., Doğan B., Eryılmaz O.

Aachen Reinforced, Aachen, Germany, 17 - 19 October 2022, pp.1-2, (Summary Text)

III. CNC System Design Part I: Jerk Limited Trajectory Generation with Micro Splines

Kahraman A., Demir E., Başlamışlı S. Ç., Doğan B., Tunçer O., Altıntaş Y.

TOK2022 Otomatik Kontrol Ulusal Toplantısı, Elazığ, Turkey, 15 - 18 September 2022, pp.269-274, (Full Text)

IV. Analysis Of Images Obtained By Unmanned Aerial Vehicle By Deep Learning Methods

Kutlu Ö., Demir Ö., Doğan B.

1. Uluslararası Bilişim ve Yazılım Mühendisliği Konferansı, Ankara, Turkey, 6 - 07 November 2019, pp.1-4, (Full Text)

V. Sinirsel hesaplama çubuğunun mini-bilgisayar ortamında koşturulan derin sinir ağları uygulamasına etkisinin incelenmesi

TİRYAKI F., DOĞAN B., ERDAL H.

2. International Conference on Materials Science, Mechanical and Automotive Engineerings and Technology, Nevşehir, Turkey, 21 - 23 June 2019, (Summary Text)

VI. MATLAB Simulink Tabanlı Otomatik Kod Üretimi ve Gömülü Anti Windup PI Denetleyici Tasarımı

Sayın F. S., ERDAL H., DOĞAN B.

Otomatik Kontrol Ulusal Toplantısı, TOK2014, Kocaeli, Turkey, 11 - 13 September 2014, (Full Text)

- VII. **MATLAB Simulink Response Optimization Aracı ROA ile Kontrolör Katsayılarının Belirlenmesi**
ERDAL H., DOĞAN B.
Otomatik Kontrol Ulusal Toplantısı ve Sergisi, TOK2013, Malatya, Turkey, 26 - 28 September 2013, (Full Text)
- VIII. **Remote Access Control Laboratory Implementation Academic Success Analysis**
ERDAL H., ERSOY S., DOĞAN B.
The 6th International Computer and Instructional Technologies Symposium, ICITS2012, Gaziantep, Turkey, 4 - 06 October 2012, pp.206, (Summary Text)
- IX. **Telemeter Application Online Monitor and Control of an Open Field Convertor over GPRS**
ONAT M., DOĞAN B., Abanoz H.
2nd International Symposium on Computing in Science Engineering, ISCSE2011, Aydın, Turkey, 1 - 04 April 2011, pp.251-253, (Summary Text)
- X. **Design of an experimental system for scanning EMG method to investigate alterations of motor units in neurological disorders Nörolojik bozukluklardaki motor ünite deęiş ikliklerinin araştırılmasına yönelik taramalı EMG yöntemi için bir deneysel sistemin tasarımı**
Göker İ., Doęan B., Baslo M. B., Ertaş M., Ülgen Y.
2009 14th National Biomedical Engineering Meeting, BIYOMUT 2009, Balçova, İzmir, Turkey, 20 - 22 May 2009, (Full Text)
- XI. **Interface Design for Automation of the Scanning EMG Method**
Doęan B., Göker İ., Baslo M. B., Erdal H., Ülgen Y.
14th National Biomedical Engineering Meeting, İzmir, Turkey, 20 - 22 May 2009, pp.265-266, (Full Text)
- XII. **COMPUTER BASED DC MOTOR PARAMETER IDENTIFICATION, SIMULATION and PARAMETER ESTIMATION**
Erdal H., Doęan B., Taşkın S.
5. Uluslararası İleri Teknolojiler Sempozyumu (IATS'09), Karabük, Turkey, 13 - 15 May 2009, pp.26-31, (Full Text)
- XIII. **System control through the Internet and a remote access laboratory implementation**
Doęan B., Erdal H.
The 6th International Conference on Web-based Learning ICWL2007, Edinburgh, United Kingdom, 15 - 17 August 2007, pp.212-217, (Full Text)
- XIV. **Uzaktan Erişimli Laboratuvar Uygulamaları İçin Yazılım Tasarımı**
DOĞAN B., ERDAL H.
Ulusal Teknik Eğitim, Mühendislik ve Eğitim Bilimleri Genç Araştırmacılar Sempozyumu UMES2007, Kocaeli, Turkey, 20 - 22 June 2007, pp.58-61, (Full Text)

Expert Reports

- I. **Dosya No: 2016/110 E.**
Doęan B.
T.C. İSTANBUL 13. ASLİYE TİCARET MAHKEMESİ, pp.7, İstanbul, 2017
- II. **File Number: 2010/509 E.**
Doęan B., Oktay Özdemir S., Özket C.
T.C. İSTANBUL 46. ASLİYE TİCARET MAHKEMESİ, pp.68, İstanbul, 2016
- III. **File Number: 2016/132**
Doęan B., Oktay Özdemir S., Özket C.
T.C. İSTANBUL 6. ASLİYE TİCARET MAHKEMESİ, pp.14, İstanbul, 2016
- IV. **File Number: 2014/58**
Doęan B., Gezgin S., Kandemir C.
T.C. İSTANBUL 9. ASLİYE HUKUK MAHKEMESİ, pp.8, İstanbul, 2016
- V. **File Number: 2011/36**
Doęan B., Gezgin S., Kandemir C.
T.C. İSTANBUL 9. ASLİYE HUKUK MAHKEMESİ, pp.11, İstanbul, 2016

- VI. **Dosya No: 2013/423**
Dođan B., Gezgin S., Kandemir C.
T.C. İSTANBUL 9. ASLİYE HUKUK MAHKEMESİ, pp.6, İstanbul, 2016
- VII. **File Number: 2013/119**
Dođan B., Akkanat H., Akın H.
T.C. İSTANBUL 6. ASLİYE TİCARET MAHKEMESİ, pp.15, İstanbul, 2015
- VIII. **File Number: 2013/571 D. İş**
Dođan B., Berzek A. N., Özgöncü H.
T.C. İSTANBUL 46. ASLİYE TİCARET MAHKEMESİ, pp.76, İstanbul, 2014
- IX. **File Number: 2013/126 E.**
Dođan B., Özket C.
T.C. İSTANBUL 46. ASLİYE TİCARET MAHKEMESİ, pp.6, İstanbul, 2013
- X. **File Number: 2012/118 E.**
Dođan B., Ökten N. Z., Şahiniz S.
T.C. İSTANBUL 46. ASLİYE TİCARET MAHKEMESİ , pp.24, İstanbul, 2013
- XI. **File Number: 2008/415 E.**
Dođan B., Ergül N., Kepekçi Ş. D.
T.C. İSTANBUL 46. ASLİYE TİCARET MAHKEMESİ, pp.20, İstanbul, 2013
- XII. **File Number: 2011/273**
Dođan B., Şenol İ., Özket C.
T.C. İSTANBUL ASLİYE 46. TİCARET MAHKEMESİ, pp.10, İstanbul, 2013
- XIII. **File Number: 2012/451 D. İş**
Dođan B.
T.C. İSTANBUL 46. ASLİYE TİCARET MAHKEMESİ, pp.9, İstanbul, 2012
- XIV. **File Number: 2011/489 E.**
Dođan B., Ercan R. M., Soysal A.
T.C. İstanbul 46. Asliye Ticaret Mahkemesi, pp.14, İstanbul, 2012
- XV. **File Number: 2010 /403 E.**
Dođan B., Güman N., Akın H.
T.C. İSTANBUL 46. ASLİYE TİCARET MAHKEMESİ, pp.6, İstanbul, 2012
- XVI. **File Number: 2011/240**
Dođan B., Akkanat H., Kök H.
T.C. İSTANBUL 48. ASLİYE TİCARET MAHKEMESİ, pp.8, İstanbul, 2012
- XVII. **File Number: 2012/73 D. İş**
Dođan B., Şenol İ., Benzek A.
T.C. İSTANBUL 45. ASLİYE TİCARET MAHKEMESİ, pp.88, İstanbul, 2012
- XVIII. **File Number: 2011/191 D. İş**
Dođan B.
T.C. İSTANBUL ÜMRANİYE 3. SULH HUKUK MAHKEMESİ, pp.3, İstanbul, 2011
- XIX. **File Number: 2009/93**
Dođan B., Oktay Özdemir S., Soysal A.
T.C. İSTANBUL 7. SULH HUKUK MAHKEMESİ, pp.11, İstanbul, 2010
- XX. **File Number: 2008/234 E.**
Dođan B.
T.C. İSTANBUL ÜMRANİYE 2. ASLİYE CEZA MAHKEMESİ, pp.6, İstanbul, 2009
- XXI. **File Number: 2008/214**
Dođan B.
T.C. İSTANBUL ÜMRANİYE 2. ASLİYE CEZA MAHKEMESİ, pp.2, İstanbul, 2008
- XXII. **File Number: 2006/208 E.**
Dođan B.
T.C. İSTANBUL ÜMRANİYE 2. ASLİYE CEZA MAHKEMESİ, pp.2, İstanbul, 2008

Funded Projects

| | |
|-------------|--|
| 2022 - 2024 | Development of a production technology to reduce carbon fiber costs by using thermochemical pretreatment, TUBITAK Project |
| 2021 - 2024 | Optimization and Model Based Control of Cooling System Used in Glass Fiber Manufacturing, TUBITAK Project |
| 2021 - 2024 | 5 Eksen Yeni Nesil CNC Kontrol Sistemi ve Dijital İkiz Platformu Geliştirilmesi, TUBITAK Project |
| 2019 - 2020 | İHA Üzerinden Derin Öğrenme Tabanlı Nesne Belirlenmesi ve GNSS Konum Koordinatlarının Hesaplanması, Project Supported by Higher Education Institutions |
| 2018 - 2020 | Marmara Üniversitesi Ürün Geliştirme Merkezi (MÜRGE MER) Kurulumu Projesi, Development Agency |
| 2017 - 2019 | INCREASING THE AWARENESS OF MEMS PRODUCTION AND RESEARCH WITH MICRO ELECTROMECHANICAL SYSTEMS (MEMS) DESIGN AND FABRICATION TECHNOLOGIES TRAININGS, Project Supported by Other Official Institutions |
| 2015 - 2016 | Control Systems and Basic Signal Processing Laboratory Research and Development Infrastructure Project, Project Supported by Other Official Institutions |
| 2014 - 2015 | Computer Aided Design and Manufacturing CAD CAM and Computer Aided Manufacturing CIM Laboratories Infrastructure Development and Modernization, Project Supported by Other Official Institutions |
| 2014 - 2014 | Mechatronics Distance Education And Project Management Information Sharing Network Center Of Excellence, Development Agency |
| 2012 - 2014 | Electronic Stabilization and Control Module For Transport Vehicles, Project Supported by Other Official Institutions |
| 2005 - 2007 | Internet Based Control Of Gunt Process Training System, Project Supported by Higher Education Institutions |

Patent

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|------|---|
| 2012 | Doğan B., Electronic stabilization and control module for transport vehicles, Patent, CHAPTER B Implementation of Operations; Transport, The Invention Registration Number: 2011-G-208414 , Standard Registration, 2012 |
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Memberships and Roles in Scientific Organizations

| | |
|------------------|--|
| 2015 - Continues | Institute of Electrical and Electronics Engineers (IEEE) - Control Systems Society, Member |
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Peer Reviews in Scientific Publications

| | |
|---------------|--|
| December 2018 | TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, Journal Indexed in SCIE |
| January 2015 | MEASUREMENT, SCI Journal |

Scientific Project Refereeing

| | |
|---------------|--|
| November 2020 | TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, HAUS ARGE LİMİTED ŞİRKETİ, Turkey |
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Scientific Consultations

| | |
|-------------|--|
| 2021 - 2022 | Project Consultancy, Altınay Robot Teknolojileri San. Ve Tic. A.Ş. |
| 2018 - 2021 | Scientific Consultancy, DELTAV Space Technologies Inc. |

Roles in Event Organizations

| | |
|---------------|--|
| 08 Mart 2023 | Doğan B., 15. Uluslararası MEB Robot Yarışması, Social Activities, Bursa, Turkey |
| 08 Nisan 2020 | Doğan B., 14th International MEB Robot Competition, Social Activities, Şanlıurfa, Turkey |
| 10 Nisan 2019 | Doğan B., 13rd International MEB Robot Competition, Social Activities, Samsun, Turkey |
| 09 Mayıs 2018 | Doğan B., 12. Uluslararası MEB Robot Yarışması, Social Activities, Sivas, Turkey |
| 10 Mayıs 2017 | Doğan B., 11th International MEB Robot Competition, Social Activities, Konya, Turkey |

Metrics

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| Publication: 45 |
| Citation (WoS): 12 |
| Citation (Scopus): 18 |
| H-Index (WoS): 2 |
| H-Index (Scopus): 2 |

Congress and Symposium Activities

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|------|--|
| 2013 | Otomatik Kontrol Ulusal Toplantısı ve Sergisi, TOK2013, Working Group, Malatya, Turkey |
| 2012 | The 6th International Computer and Instructional Technologies Symposium, ICITS2012, Working Group, Gaziantep, Turkey |
| 2011 | 2nd International Symposium on Computing in Science & Engineering, ISCSE2011, Working Group, Aydın, Turkey |
| 2009 | 14. Biyomedikal Mühendisliği Ulusal Toplantısı, BİYOMUT2009, Working Group, İzmir, Turkey |
| 2009 | 5th International Advanced Technologies Symposium, Karabük University, IATS09, Working Group, Karabük, Turkey |
| 2007 | The 6th International Conference on Web-based Learning ICWL2007, Working Group, Edinburgh, United Kingdom |
| 2007 | Ulusal Teknik Eğitim, Mühendislik ve Eğitim Bilimleri Genç Araştırmacılar Sempozyumu, UMES2007, Working Group, Kocaeli, Turkey |

Awards

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|----------------|---|
| September 2018 | TÜBİTAK International Aerial Vehicle Competition (UAVTURKEY 2018) Rotary-wing Category Honorable Mention, Tübitak |
| December 2012 | ULAKBİM Uluslararası Bilimsel Yayınları Teşvik Ödülü, Tübitak Ulakbim |

Entrepreneurship Activities

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| 2012 - Continues | Limited, BCD Teknik ARGE ve Robotik Otomasyon San. Tic. Ltd. Şti., 24 May 2012, Co-Founder |
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Non Academic Experience

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| 2021 - 2022 | Technology Development Zone, Altınay Robot Teknolojileri San. Ve Tic. A.Ş., R&D, Consultant in TUBITAK 1501 project of private company. |
| 2018 - 2020 | Technology Development Zone, DeltaV Space Technologies Company, AVIONICS, AVIONICS Technical Consultant |
| 2002 - 2006 | Ministry, Kadıköy Anatolian Trade Vocational High School, Computer, Technical Teacher |