Nergiz Ercil ÇAĞILTAY, Ph.D.

Assoc. Professor of Software Engineering

Atılım University

Department of Software Engineering

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**PERSONAL**

|  |  |
| --- | --- |
| Date of Birth | 12 January 1966 |
| **Place of Birth** | Sarıkamış, KARS |

# EDUCATION

|  |  |
| --- | --- |
| 1995-2003 | Middle East Technical University [(METU)](http://www.metu.edu.tr/),Ankara, Turkey, [Computer Education and Instructional Technology Department](http://www.ceit.metu.edu.tr/), Ph.D. |
| 1988-1991  | Middle East Technical University (METU), Ankara, Turkey, [Computer Engineering Department](http://www.ceng.metu.edu.tr/), MS,  |
| 1984-1988  | METU, Ankara, Turkey, [Mathematics Department](http://www.math.metu.edu.tr/), BS  |

# ACADEMIC POSITIONS

|  |  |
| --- | --- |
| 2016- | Assoc. Prof. Dr., Department of Software Engineering |
| 2003-2016 | Assist. Prof. Dr., Department of Computer Engineering |

### HONORS&AWARDS

|  |  |
| --- | --- |
| 1 | **Cagiltay, N. E.,** Hanalioglu, S., Isikay, I., Berker, M. (2015). A Technology Enhanced Endo-neurology education model: A Case study on endoscopic pituitary surgery, 29th Scientific Congress of Turkish Neurosurgical Society, 17-21 April 2015, Antalya, Turkey. The best paper award of the year is given.  |
| 2 | 2015, H2020 Threshold Award from Tübitak |
| 3 | [TUBA, 2011 Book Awards](http://www.atilim.edu.tr/~nergiz/tuba.html), for the C Course Book (**Cagiltay, N.E.,** Selbes, C. F., Tokdemir, G., Turhan, C. (2009). [C Dersi](http://cdersi.com/), **ISBN-978-9944-62-337-7)** |
| 4 | TUBİTAK International Publication Incentive, 2010 – 2019 |
| 5 | Atilim University Research Incentive Grant, 2005- 2019 |

**RESEARCH INTERESTS**

|  |  |
| --- | --- |
| 1 | Computer-based simulation software development |
| **2** | Technology enounced higher education  |
| **3** | Technology enounced medical education  |

**PROFESSIONAL SERVICE**

|  |  |
| --- | --- |
| 1 | [Türkiye Bilişim Derneği-Ankara branch, 6th Term Board Member (TBD,Ankara Şube, 6. Dönem Yönetim Kurulu Üyesi), January, 2017-2019](http://www.tbd.org.tr/subelerimiz/tbd-ankara/sube-yoneticileri/) (http://www.tbd.org.tr/subelerimiz/tbd-ankara/gecmis-yonetimler/) |
| 2 | [Türkiye Bilişim Derneği-Ankara branch, 5th Term Board Member (TBD,Ankara Şube, 5. Dönem Yönetim Kurulu Üyesi), January, 2015-2017](http://www.tbd.org.tr/subelerimiz/tbd-ankara/gecmis-yonetimler/) (http://www.tbd.org.tr/subelerimiz/tbd-ankara/gecmis-yonetimler/) |

**PUBLICATIONS**

|  |  |  |
| --- | --- | --- |
| **1** | Dalveren, G.G.M., **Cagiltay, N.E.** (2019). Evaluation of Ten Open-Source Eye-Movement Classification Algorithms in Simulated Surgical Scenarios, IEEE Access, Volume 7, pp. 161794- 161804 |  |
| **2** | **Cagiltay, N.E.,** Ozcelik, E., Isikay, I., Hanalioglu, S., Suslu, A.E., Yucel, T., Berker, M. (2019). The Effect of Training, Used-Hand, and Experience on Endoscopic Surgery Skills in an Educational Computer-Based Simulation Environment (ECE) for Endoneurosurgery Training, Surgical Innovation 2019, Vol. 26(6) 725–737 |  |
| **3** | Topalli, D., **Cagiltay, N.E.** (2019). Classification of Intermediate and Novice Surgeons’ Skill Assessment Through Performance Metrics, Surgical innovation, 26(5) 621–629. |  |
| **4** | Dalveren, G.G.M., **Cagiltay, N.E.** (2019). Are left- and right-eye pupil sizes always equal? Journal of Eye Movement Research, 12(2). ***(SCI, IF: 1.295),*** |  |
| **5** | Gurcan, F., **Cagiltay, N.E.** (2019). Big Data Software Engineering: Analysis of Knowledge Domains and Skill Sets Using LDA-Based Topic Modeling, IEEE Access, 7(1), pp. 82541-82552. |  |
| **6** | Tokdemir, G., **Cagiltay, N.E.** (**2019**). Investigating the Relationship Between SLOC and Logical Database Measures to Improve the Early Estimation of Software Cost, [International Journal of Software Engineering and Knowledge Engineering](https://www.worldscientific.com/worldscinet/ijseke), [29(03), pp. 401-413 (2019)](https://www.worldscientific.com/toc/ijseke/29/03),  |  |
| **7** | Topalli, D., & **Cagiltay, N. E.** (2018). Eye-hand coordination patterns of intermediate and novice surgeons in a simulation-based endoscopic surgery training environment. Journal of Eye Movement Research, 11(6). |  |
| **8** | Karsli, M.B., Sinem Karabey, S., **Cagiltay, N. E**., Goktas, Y. (2018). Comparison of the discussion sections of PhD dissertations in educational technology: the case of Turkey and the USA, Scientometrics |  |
| **9** | **Cagiltay, N. E.,** Ozcelik, E., Berker, M., & Menekse Dalveren, G. G. (2019). The Underlying Reasons of the Navigation Control Effect on Performance in a Virtual Reality Endoscopic Surgery Training Simulator. International Journal of Human–Computer Interaction, 35(15), 1396–1403. |  |
| **10** | Dalveren, G.G.M., **Cagiltay, N.E.,** Ozcelik, E. Maras, H. (2018). Insights From Pupil Size to Mental Workload of Surgical Residents: Feasibility of an Educational Computer-Based Surgical Simulation Environment (ECE) Considering the Hand Condition. Surgical Innovation, 25 (6), pp. 616-624 |  |
| **11** | Dalveren, G.G.M., **Cagiltay, N.E.,** (2018). Using Eye-Movement Events to Determine the Mental Workload of Surgical Residents. Journal of Eye Movement Research, 11(4), |  |
| **12** | Topalli, Damla, Eyüboğlu, Burak Gökberk & **Cagiltay, Nergiz Ercil**(**2019**). Understanding the Effect of Handedness on Both-Handed Task Performance: An Experimental Study based on a Haptic-Controlled, Simulation-Based Surgical Skill Training Scenario, International Journal of Human–Computer Interaction, 35(6), pp. 478-482, |  |
| **13** | Gonca Gokce Menekse Dalveren & **Nergiz Ercil Cagiltay** (2018). Insights from surgeons’ eye-movement data in a virtual simulation surgical training environment: effect of experience level and hand conditions, Behaviour & Information Technology, 37(5), pp. 517-37, |  |
| **14** | **Cagiltay, N. E.,** Berker, M. (2018). Technology-enhanced Surgical Education: attitudes and perceptions of endoscopic surgery community in Turkey, BMJ Simulation and Technology Enhanced Learning, 5 (1), 32-38 |  |
| **15** | *Topalli, D.,* ***Cagiltay, N. E.,*** *(2018). Improving Programming Skills in Engineering Education through Problem-Based Game Projects with Scratch, Computers & Education 120 (2018) 64–74.* |  |
| **16** | ***Cagiltay, N. E.,*** *Ozcelik, E., Sengul, G., & Berker, M. (2017). Construct and face validity of the educational computer-based environment (ECE) assessment scenarios for basic endoneurosurgery skills, Surg Endosc., 31(11), pp. 4485–4495, DOI 10.1007/s00464-017-5502-4* |  |
| **17** | ***Cagiltay, N.E.,*** *Ozcelik, E., Ozcelik, N. (2015). The effect of competition on learning in games. Computers & Education, 87, 35-41.* |  |
| **18** | *Kara, A.,* ***Cagiltay, N.E.,*** *Dalveren, Y. (2014). An Enhanced Course in Digital Communications,*[*International Journal of Engineering Education*](http://eee.atilim.edu.tr/personel/publishDetails/id/4022?lang=en)*, 30(4), pp. 1048 - 1059* |  |
| **19** | **Cagiltay, N.E.,** Tokdemir, G., Kilic, O., Topalli, D. (2013). Performing and Analyzing non-Formal Inspections of Entity Relationship Diagram (ERD),Journal of Systems and Software, [Volume 86, Issue 8](http://www.sciencedirect.com/science/journal/01641212/86/8), pp. 2184–2195 |  |
| **20** | Ozcelik, E., **Cagiltay, N.E.** & Ozcelik, N.S., (2013). The effect of uncertainty on learning in game-like environments, Computers & Education, DOI: 10.1016/j.compedu.2013.02.009, Volume 67, pp 12-20. |  |
| **21** | **Cagiltay, N.E.,** Tokdemir, G., Aydin, E., Kara, A. (2012). Remote laboratory development as an action research: A case study, Scientific Research and Essays Vol. 7(27), pp. 2337-2342, 19 July, 2012, |  |
| **22** | Kara, A., Ozbek, M.E., **Cagiltay, N.E.,** Aydin, E. (2011).[Maintenance, sustainability and extendibility in virtual and remote laboratories](http://www.sciencedirect.com/science/article/pii/S1877042811025730?_rdoc=134&_fmt=high&_origin=browse&_srch=hubEid(1-s2.0-S1877042811X00216)&_docanchor=&_ct=194&_refLink=Y&_zone=rslt_list_item&md5=34c33fe5940e9c0b08448ba3e2757138)**,** Procedia - Social and Behavioral Sciences, Volume 28, Pages 722-728. |  |
| **23** | **N. E. Cagiltay**, E. Aydın, C. C Aydin, A. Kara, "Seven Principles of Instructional Content Design for a Remote Laboratory: A Case Study on ERRL", *IEEE Transactions on Education, 54(2),* May 2011, pp. 320-327 |  |
| **24** | **N. E. Cagiltay,** Ozalp-Yaman, S. (2013). "How can we get Benefits of Computer-Based Testing in Engineering Education?", Computer Applications in Engineering Education, Published online in Wiley InterScience (www.interscience.wiley.com, DOI: 10.1002/cae.20470, [Volume 21, Issue 2,](http://onlinelibrary.wiley.com/doi/10.1002/cae.v21.2/issuetoc)pages 287–293, June 2013. |  |
| **25** | E. Aydın, **N. E. Cagiltay**, (2012). “A New RF and Microwave Engineering Course Enriched With Advanced Technologies", Computer Applications in Engineering Education 20(4), pp 634-645, 2012. |  |
| **26** | **Cagiltay, N.E.,** (2008).Using Learning Style Theory in Engineering Education,[*European Journal of Engineering Education*](http://www.tandf.co.uk/journals/titles/03043797.asp), 33(4), 415-424. |  |
| **27** | **Cagiltay, N.E.,** Aydin, E., Oktem, R., Kara, A., Alexandru, M., Reiner, B. (2009). Requirements on Remote RF Laboratory Applications: An Educators’ Perspective, *IEEE Transactions on* Education, 52(1). |  |
| **28** | Alparslan, C., **Cagiltay, N.E.,** Özen, M. Aydin, E. U. Teaching Usage of Equipments in a Remote Laboratory, *Turkish Online Journal of Educational Technology*, TOJET 7(1) (2008). |  |
| **29** | **Cagiltay, N.E**., Aydin, E. U., Kara, A. (2007). Remote RF Laboratory Requirements: Engineers’ and Technicians’ Perspective, *Turkish Online Journal of Distance Education-TOJDE*, 8(4), October 2007 |  |
| **30** | Mishra, A., **Cagiltay, N. E.,** Kilic, O. (2007). Software engineering education: some important dimensions, [*European Journal of Engineering Education*](http://www.tandf.co.uk/journals/titles/03043797.asp), 32(3), 1-13. |  |
| **31** | **Cagiltay, N.E.** (2007). Teaching Software Engineering by Means of Computer-game Development: Challenges and Opportunities, [*British Journal of Educational Technology*](http://www.blackwellpublishing.com/journal.asp?ref=0007-1013), 38(3), 405-415. |  |
| **32** | **Cagiltay, N.E.,** Yildirim, S., Aksu, M. (2006). Students’ Preferences on Web-Based Instruction: linear or non-linear. [*Journal of Educational Technology and Society*](http://www.ifets.info/), 9 (3), 122-136 |  |
| **33** | **Cagiltay, N.E.** (2004). Developing an Electronic Performance Support System for Students: The Factors That Should Be Considered. [*Journal of Interactive Instruction Development*](http://www.salt.org/salt.asp?ss=l&pn=jiid), 16(2). |  |
| **34** | **İnal, Y., Çağiltay, N. E.,** (2019). E-Nabız Mobil Sağlık Uygulamasına Yönelik Kullanıcı Değerlendirmesi, Hacettepe Sağlık İdaresi Dergisi, 2019; 22(2): 375-38 |  |
| **35** | **Çağiltay, N. E.,** & Cereci, İ. (2015). Enhanced Ims Metadata For Surgical Education Simulators. Istanbul Journal Of Innovation In Education, pp. 29-41. |  |
| **36** | **Çağıltay , N.E.,** Çağıltay, K. (2002). [Digital Objects in the Design of Digital Libraries: How can they support education? Turkish Librarianship, 16(2).](../../../../../C%3A%5Cnergiz%5Cweb%5Cdigital-reusable-objects.doc) |  |
| **37** | Çağıltay, K., Çakıroğlu, J., **Çağıltay, N**. & Çakıroğlu, E. (2001). [Teachers’ Perspectives About The Use Of Computers in Education](http://www.efdergi.hacettepe.edu.tr/html/journalinfo/21/a3.htm), Journal of Hacettepe University Education Faculty, 21, 19-28.  |  |
| **38** | **Çağıltay, N.E.** (2001). [Starting an Electronic Library Project](http://www.kutuphaneci.org.tr/turk/dergi/eylul2001/nercil.html), [Turkish Librarianship](http://www.kutuphaneci.org.tr/turk/) September 2001. 15(3). ISSN 1300-0039.  |  |

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|  | BENGİ HADJO,GÖNÜLLÜ UĞUR,ENACAR NEZİHE,ALPER DOĞANAY,BEDER SUMRU,GÜRSES HİLMİ,BARTU SEVGİ,DOKUMACIOĞLU TURHAN (1986). Analysis of 517 Patients with Tuberculosis from Different Points of View.. Tüberküloz ve Toraks, 34(1), 1-7. (Kontrol No: 4317256) |
| **Written Books** |
| **39** | **Cagiltay, N.E.,** Selbes, C. F., Tokdemir, G., Turhan, C,. [C Dersi](http://cdersi.com/), **ISBN-978-9944-62-337-7, 2007-2020** (Baskı Sayısı: 7) |
| **40** | Selbes, C. F., Tokdemir, G., Turhan, C., **Cagiltay, N.E.**  (2008). [C Dersi](http://cdersi.com/) Çözümlü Problem kitabı, Seçkin Yayıncılık, **ISBN-978-9944-0380-0-3, 2008-2020** (Baskı Sayısı:5) |
| **41** | **Cagiltay, N.E., Tokdemir, G.**  (2010). Veritabanı Sistemleri Dersi: teoriden pratiğe, Seçkin Yayıncılık, ISBN**-978-605-61091-0-2** |
| **42** | **Cagiltay, N.E.,** (2010). İş Zekası ve Veri Ambarı Sistemleri, METU Press, ISBN**-978-605-4362-18-9** |
| **43** | **Cagiltay, N.E.,**  Fal, M (2013), Scratch ile Programlamayı Öğreniyorum, METU Press, 2013-2020 (Baskı Sayısı:3) |
| **Editor** |
| **44** | Çağıltay, N.E. (2016) Türkiye Bilişim Derneği 33. Ulusal Bilişim Kurultayı, Akademik Bildiriler Kitabı, Editör, ISBN, 978-605-82941-0-3, <http://www.tbd.org.tr/wp-content/uploads/2016/12/33-ulusal-bilisim-kurultayi-bildiriler.kitabi.pdf> |
| **45** | Ed. Şeniz Özalp Yaman, Elif Aydın, **Nergiz Çağıltay**, International Enginnering Education Conference, 4-6 November 2010, Antalya / Atılım University, 2010 |
| **Written Book Chapters** |
| **46** | Yoshiko Saito-Abbott, Richard Donovan, Thomas F. Abbott, Emerging Technologies in Teaching Languages and Cultures Volumes 2 & 3, Larc Press, 2003, [Providing Digital Language Support](http://larcnet.sdsu.edu/publications.php?page=books&id=4), **Nergiz Ercil Cagiltay & Filiz Cicek., ISBN-**1-930785-16-X. |
| **47** | **Cagiltay, N.E.** (2017). Access’i Keşfetmek, Bölüm 11, Ofis Uygulamaları, Göktaş Yüksel, Ed., Atatürk Üniversitesi Açıköğretim Fakültesi Yayınları. |
| **48** | **Cagiltay, N.E.** (2017). Bölüm 12, Access’Ie Çalışmak, Ofis Uygulamaları, Göktaş Yüksel, Ed., Atatürk Üniversitesi Açıköğretim Fakültesi Yayınları |
| **49** | **Cagiltay, N.E.,** (2013) 28. Bölüm Mühendislik Eğitiminde Teknoloji Kullanımı, Kitap, Öğretim Teknolojilerinin Temelleri: Teoriler Araştırmalar Eğilimler, Pegem Yayıncılık, Eds. Cagiltay, K., Goktas, Y.,1. Baskı ISBN, 978-6053-6445-7-6 (Baskı Sayısı:2) |
| **50** | E-öğrenme klavuzu, Türkiye Bişim Vakfı, Haziran 2003 |
| **51** | Çağıltay, N. E (2006). Sanal Kütüphaneler, [Türkiye Bilişim Ansiklopedisi](http://www.papatya.gen.tr/bilisimAnsiklopedisi.htm), Türkiye Bilişim Vakfı - Papatya Yayıncılık Eğitim, 2006. |

**CITATIONS**

|  |  |
| --- | --- |
| Sum of times cited without self-citations (ISI Web of Science): | 250 |
| H-index (ISI Web of Science): | 8 |
| Sum of times cited without self-citations (Google Scholar): | 1377 |
| H-index (Google Scholar): | 20 |
| Sum of times cited without self-citations (Scopus): | 451 |
| H-index (Scopus) | 14 |

**COURSES GIVEN**

|  |  |
| --- | --- |
| 1 | SE 546 Decision Support in Health Informatics (3)  |
| **2** | ISE 350 Data Warehouse and Data Mining (3) |
| **3** | COMPE 223 Object Oriented Programming (3) |
| **4** | COMPE 345 Data Warehousing and Business Intelligence (3 |
| **5** | MODES 600 Research Methodology and Communication Skills |
| **6** | COMPE 102 Computer Programming in C (2-2) 3 |
| **7** | COMPE 711 – Fundamental of Computer Engineering (2-2) 3 |
| **8** |  COMPE 502 Database Design and Management - (2-2) 3 |
| **9** | COMPE 376 Computer Games and Simulation - (2-2) 3 |
| **10** | COMPE 341 – Database Design and Management (2-2) 3 |
| **11** | COMPE 301 Introduction to Database Management Systems - (2-2) 3 |
| **12** | COMPE 112 Computer Programming in C (3-2) |
| **13** | COMPE 101 Introduction to Computer Engineering and Programming (2-2) 3 |
| **14** | COMPE 111 Introduction to Computer Engineering (2-2) 3 |

**THESES SUPERVISED (PHD)**

|  |  |
| --- | --- |
| 1 | Damla Topallı (2018). Use Of Classification Algorithms In Determining Surgical Skill Levels Through Surgeons’ Hand Movement Behaviors Ph. D. |
| **2** | Gonca Gökçe Menekşe Dalveren (2017). Monitoring Through Eye-Movement Data In Context-Aware Adaptive Software Systems: A Case Study On Endo-Neurosurgery Training Programs, Department of Software Engineering,  |
| **THESES SUPERVISED (BS)** |
| 1 | Salaheddin Ali Nasere Alswiay (2018). Factors Affecting Trust in B2C E-Commerce: A Case Study on Foreigners Residing in Turkey from Middle East and North Africa Region, Department of Information Systems Engineering, MS. |
| **2** | Burak Gökberk Eyüboğlu (2016). Developing a measure to better understand the handedness skill levels for designing simulation-based systems, Atilim University, Department of Computer Engineering,  |
| **3** | Sinem Güney (2015). Understanding the effect of serious games on surgical education with respect to simulation environments, Atilim University, Information Technology Service Management,  |
| **4** | Ceylan Dalgıç (2014). A home-based support environment for cerebral palsy treatment, Atilim University, Information Technology Service Management,  |
| **5** | Eda Topaloğlu (2014). A task flow design tool for serious games: an extended version of uml-ad (uml-ade), Department of Information Systems Engineering,  |
| **6** | Damla Topalli (2013). A Database Design Methodology for Complex Systems, Atilim University, Computer Engineering,  |
| **7** | Mehmet Çağatay (2012). A Methodological Approach for Software Development: An Application for language disorders, Atilim University, Computer Engineering,  |
| **8** | Bora Kayhan (2009). Car Plate Recognition, Atilim University, Computer Engineering,  |
| **9** | Leyla Öksüz, (2009). Games For Health by Using Augmented Reality, Atilim University, Computer Engineering,  |
| **10** | Alparslan, Ceren, (January, 2009), Development of an Electronic Performance Support System for Training People on Radio Laboratory Equipment, Atilim University, Computer Engineering,  |
| **11** | Gökdal, Gökçer, (December, 2008), Developing and Using a Computer Game for Engineering Education, Atilim University, Computer Engineering,  |
| **12** | Yeşiltan, Yelda, (August, 2008).Line of Code, Database Design and Cost Estimation Relation of a Software, Atilim University, Software Engineering. |
| **13** | Aydın, Çiğdem Cansu, (August, 2008). Developing a Course Scheduling System By Using Genetic Algorithm, Atilim University, Computer Engineering,  |
| **14** | Turkmen, Guzin (August, 2007). Developing a Data Warehouse for a University Decision Support System, Atilim University, Computer Engineering,  |
| 15 | Kilincarslan, Mustafa (August, 2007). Implementation of a Path Finding Algorithm for Blind Navigation Atilim University, Computer Engineering,  |
| **16** | Aydogdu, Unal (June, 2007). Gains of Progression of a Personnel Management System to E-Government Environment, Atilim University, Computer Engineering,  |
| **17** | Özmert, Murat (June, 2007). Developing an Automatic Metadata Extraction System from the Electronic Documents (Metex), Atilim University, Software Engineering,  |
| **18** | Öztürk, Kadir, Kansu (September, 2006). Flexible Database Design for Enterprise Resource Planning (ERP) Applications, Atilim University, Computer Engineering,  |
| **19** | Özdoğru, B. (June 2006). Developing an Environment for Educational Meta-Data: Metaxml, Atilim University, Computer Engineering,  |
| **20** | Bozlu, H. (June 2005). AR Project: A Generic System for Augmented Reality Applications, Atilim University, Computer Engineering,  |

# ROJECTS

|  |  |
| --- | --- |
| **1** | **Researcher:** HiCure Project, Sağlık Bilişimi Entegre Programında Mükemmeliyet, EU, 1,000,000 Euro, 2015-2018 |
| **2** | **TBD-Ankara Şubesi adına Proje Yöneticisi.** Bilişim ile Girişimci Kadın (BGK). Temmuz 2016-Temmuz 2017. Destekleyen Kuruluş: Ankara Kalkınma Ajansı, Destek Tutarı: 120.000 TL. Projede MOOC kapsamında 12 saatlik bir eğimim programını da kapsayan, yüz-yüze ve çevrim-için eğitim ortamlarında kadınların girişimcilik konularında eğitilmeleri sağlanacaktır. Bu eğitim program sonucunda yapılacak olan değerlendirmeler sonucunda bir sertifika verilerek Türkiye Bilişim Derneği (TBD) bünyesinde oluşturulacak olan e-ticaret ortamında bilgiye dayalı tecrübe ve birikimlerini sermayeye dönüştürerek ail eve ülke ekonomisine katkı vermeleri desteklenecektir.  |
| **3** | **Researcher:** Surgical Instrument-Guided Robot Assisted Endoscope Control System (NeuRoboScope) Project, aims to develop an innovative robotic system to support surgical operations. The project is funded by [the Scientific and Technological Research Council of Turkey](http://www.tubitak.gov.tr/en) (Tübitak-1003), Project Duration: 2015-2017. The project budget is around $500K. (1.4 milyon TL) |
| **4** | **Project Manager :** Surgical Navigation System (CAN) Project, funded by [the Scientific and Technological Research Council of Turkey](http://www.tubitak.gov.tr/en) (Tübitak-1003-113S094), 2013-2016,  |
| **5** | **Project Manager :** Endoscopic Surgical Simulator (ECE) Project, funded by [the Scientific and Technological Research Council of Turkey](http://www.tubitak.gov.tr/en) (Tübitak-1001-112K287), 2012-2015 |
| **6** | **Researcher:** Image processing techniques for cell analysis funded by Turkish development Agency, DPT, 2006. |
| **7** | **Researcher:** ERRL: European Remote Radio Laboratory, Supported By Leonardo Da Vinci, Community Vocational Training Action Programme, Second phase: 2000-2006, <http://eee.atilim.edu.tr/research/errl.htm>, <http://errlmoodle.atilim.edu.tr/>, (Budged: Euro 516,000 ). |
| **8** | **Researcher:** Oktem, R. Aydin, E.U., Cagiltay, N. E. PUSULAL: A Compass to Aid the Visually Impaired in Shopping Centers, Sponsored by, the Scientific and Technological Research Council of Turkey, |

# CONFERENCE PRESENTATIONS

|  |  |
| --- | --- |
| **1** | Topalli, D., Cagiltay, N.E. (2019, March). Skill-Based Training through Mobile- and Haptic-Controlled User Interfaces, 6th International Symposium on Engineering, Artificial Intelligence and Applications (ISEAIA), Full Paper Proceedings, North Cyprus, pp. 110-114 |
| **2** | Dalveren, G. G. M., & Cagiltay, N. E. (2019, March). Gender Effect on Mental Workload of Surgical Residents. 6th International Symposium on Engineering, Artificial Intelligence and Applications (ISEAIA), Abstract, Proceedings, North Cyprus |
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