

Prof. Dr. Şimşek Demir

Elektrik ve Elektronik Müh. Bölümü
Orta Doğu Teknik Üniversitesi
Dumplupınar Bulvarı, 06800, Ankara Türkiye

Tel : +90 312 210 2354
Fax : +90 312 210 2304
e-posta: simsek@metu.edu.tr
URL : <http://users.metu.edu.tr/simsek/>

- Prof. Dr.* 2013 -
Orta Doğu Teknik Üniversitesi, *Elektrik ve Elektronik Müh. Böl.*
- Mütevelli Heyeti ve Yönetim Kurulu Başkanı* 2012 -
ODTÜ Prof. Dr. Mustafa N. Parlar Eğitim ve Araştırma Vakfı
- Kurucu ve Yönetici* 2013 -
PRF Araştırma Geliştirme ve Mühendislik A.Ş.
- Eş-Kurucu* 2015 -
AREFSENS Araştırma ve Geliştirme A.Ş.
- Doç. Dr.* 2007-2013
Orta Doğu Teknik Üniversitesi, *Elektrik ve Elektronik Müh. Böl.*
- Y. Doç. Dr.* 2000-2007
Orta Doğu Teknik Üniversitesi, *Elektrik ve Elektronik Müh. Böl.*
- Öğretim Görevlisi* 1996-2000
Orta Doğu Teknik Üniversitesi, *Elektrik ve Elektronik Müh. Böl.*
- Doktora sonrası Araştırmacı* Ekim 1998-Mart 1999
International Research Center for Telecommunication Transmission and Radar (IRCTR)
Technical University of Delft
Delft, Hollanda
- Ph.D. Araştırmacı (NATO A2-Bursu) 1995
University of Massachusetts at Amherst
Department of Electrical and Computer Engineering, Amherst, MA USA
- Araştırma Görevlisi.*
Orta Doğu Teknik Üniversitesi, *Elektrik ve Elektronik Müh. Böl.* 1991-1996

Education

Ph.D.	1993-1998
Orta Doğu Teknik Üniversitesi, <i>Elektrik ve Elektronik Müh. Böl.</i>	
“High Speed GaAs Circuit Design Course”	May 1994
<i>Ferdinand Braun Institut für Höchstfrequenztechnik Berlin, Germany</i>	
M.Sc.	1991-1993
Orta Doğu Teknik Üniversitesi, <i>Elektrik ve Elektronik Müh. Böl.</i>	
B.Sc.	1987-1991
Orta Doğu Teknik Üniversitesi, <i>Elektrik ve Elektronik Müh. Böl.</i>	

Yayınlar

h-index* :15 **i-10 index*** :25 **citations*** :1094

* Kaynak : « Scholar google », self citations included.

Uluslararası Dergi Yayınları

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Ulusal Dergi Yayını

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Patentler

1. WO 2011/034511 Simultaneous Phase and Amplitude Control Using Triple Stub Topology and its Implementation using RF MEMS Technology.
2. 2009/09880 Proximity Fuze, TPE Faydalı Model, Registration Date: 22.11.2010.

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3. Suna, Gonca; Akkul, Mustafa; Demir, Şimşek; Yıldırım, Nevzat; Comparison of efficient power combining techniques, Radio Science Meeting (Joint with AP-S Symposium), 2014 USNC-URSI, 2014, p. 216.
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18. Caner Guclu, Cagri Cetintepe, Ozlem Aydin Civi, Simsek Demir and Tayfun Akin, "35 GHz Phased Array Antenna using DMTL Phase Shifters", 10th Mediterranean Microwave Symposium, METU NCC, Güzelyurt,NCTR, August 25-27, 2010.
19. Ahmet Hayrettin Yuzer and Simsek Demir, "A Nonlinear Model for Amplifiers with Memory", 10th Mediterranean Microwave Symposium, METU NCC, Güzelyurt,NCTR, August 25-27, 2010.
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29. Bayraktar, O.; Topalli, K.; Unlu, M.; Civi, O. Aydin; Demir, S.; Akin, T., "Beam Switching Reflectarray using RF MEMS Technology", 2007 European Conference on Antennas and Propagation, EuCAP 2007, Edinburgh, UK.
30. M Secmen, S Demir, A Hizal, O A Civi, "An Elliptically Polarized Axial-Mode Helical Antenna with a Conformal Polarizer" 2007 European Conference on Antennas and Propagation, EuCAP 2007, Edinburgh, UK.
31. K. Topalli, O. Aydin Civi, S. Demir, S. Koc ve T. Akin, "Dual-Frequency Reconfigurable Slot Dipole Array with a CPW-Based Feed Network using RF MEMS Technology for X- and Ku-Band Applications," 2007 IEEE AP-S International Symposium, June 10-15, 2007.
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33. K. Topalli, O. A. Civi, S. Demir, S. Koc ve T. Akin, "Monolithically Integrated MEMS Phased Array," 2007 MEMSWAVE International Conference, Barcelona, 2007
34. E.U. Temocin, H.I. Atasoy, M. Unlu, K. Topalli, I. Istanbuluoglu, O. Bayraktar, S. Demir, O.A. Civi, S. Koc, T. Akin, "Planar Spiral Inductors with MEMS Technology", 2007 MEMSWAVE International Conference, Barcelona, 2007.
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40. S. Onat, L. Alatan, S. Demir, "Design and Implementation of a Triple-Band Re-Configurable Microstrip Antenna", *Wireless Technology, 2006. The 9th European Conference on*, vol., no., pp.326-329, 10-12 Sept. 2006.
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44. M. Secmen, S. Demir, A. Hizal, N. Candan, "Comparison of the Detection Performance of an FMCW Coastal Surveillance Radar for V and H Polarizations", IRS2006, Int. Microwave and Radar Symposium, Krakow, Poland, 24-26 May 2006, pp 291-294.
45. K. Topalli, E. Erdil, S. Onat, M. Unlu, O. Aydin Civi, S. Demir, L. Alatan, T. Akin, "Reconfigurable dual frequency antennas by MEMS technology", Joint ICECom/COST 284 paper at ICECom in Dubrovnik, 12-14 Oct. 2005.
46. E.Erdil, S. Onat, K. Topalli, I. Istanbuluoglu, M. Unlu, S. Demir, L. Alatan, O. Aydin Civi, S. Koc, and T. Akin "Reconfigurable antenna structures using MEMS technology", MEMSWAVE 2005, Switzerland, June 2005, pp 35-38.
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48. K. Topalli, M. Unlu, S. Demir, O. Aydin Civi, S. Koc, and T. Akin, "A Parametric Modeling Study On Distributed Mems Transmission Lines", MEMSWAVE 2004, Sweden, June 2004, pp I13-I16.
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54. S. Onat, L. Alatan, S. Demir, "The effect of slot shape & size on the dual-frequency operation of microstrip patch antenna and triple-band reconfigurable microstrip antenna with RF-MEMS switches", Joint Spanish URSI/COST 284 Workshop in Barcelona, 8-10 Sep. 2004.
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"3. Dr. AKIN ÇAKMAKCI Sanayide Uygulanmış Tez Ödülü (2010)", Master of Science Thesis by N. Sahan, "High Power, Wideband, Linear RF Power Amplifier Design", June 2007)

Parlar Foundation, Thesis Supervisor of the Best Thesis of the Year (Ph. D. Thesis by M. Unlu, "Novel Impedance Tuner, Phase Shifter, and Vector Modulators Using RF MEMS Technology", March 2009.)

URSI 2008 Student Paper Contest award : A. Hayrettin Yüzer, Şimşek Demir, "Güç Yükselticilerde Davranışsal Modelleme ile Arakipleme Bozulmasının Modellemesi"

Parlar Foundation, Thesis Co-Supervisor of the Best Thesis of the Year (Master of Science Thesis by N. Sahan, "High Power, Wideband, Linear RF Power Amplifier Design", June 2007)

TUBITAK 6. ÇP Proje Önerisi Özendirme Ödülü, 2005.

Parlar Foundation, Thesis Supervisor of the Best Thesis of the Year (Master of Science Thesis by A. Mutlu, "Multi-tone Representation of Arbitrary Waveforms and Application to the Analysis of Nonlinear Amplifiers and Feedforward Linearizers", August 2005)

Turkish Armed Forces Letter of Appreciation (Takdirname) and Supervisor of the student project which received the **Second degree** in Military and Engineering Science Category in "Year 2000 Science Week Activities of Army Academy".

Student Researcher Award of *Raj Mittra Travel Grant Committee* in 1998.

NATO A-2 Fellowship, 1995.