



## AGÂH OKTAY ERTAY (CV)

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## PERSONAL INFORMATION

Citizen	T.C
Born	Gaziantep
Date of Birth	10.10.1987
Military Service Status	Delayed (2020)
Marital Status	Single

## EDUCATIONAL INFORMATION

Ph. D.	Istanbul Teknik University Electronics & Communication Engineering Division Telecommunication Engineering (2014- Ongoing)
M.Sc.	Istanbul Teknik University Electronics & Communication Engineering Division Telecommunication Engineering (2011-2014)
B. Sc.	Yildiz Technical University Electronics & Communication Engineering (2006-2010), (3.00/4.00)
LLP – Erasmus Programme	Halmstad University, School of Information Science, Computer and Electrical Engineering-(08,2008 – 01,2009)
B. Sc.(Freshmen)	Erciyes University Electrical & Electronics Engineering (2005-2006), (3.53/4.00),
High School	Elazığ Mehmet Akif Ersoy Language Intensive School (2001-2005)-(4.92/5.00)

**WORK EXPERIENCE**

Istanbul Technical University	Electrical Engineering Faculty, Electronics & Communication Engineering Department, Research & Teaching Assistant, 2011- Ongoing
Erzincan University	Engineering Faculty – Electrical & Electronics Engineering Department – Communication Division , Research & Teaching Assistant, 2010-2011

**ABROAD EXPERIENCE**

LLP Erasmus Programme	Halmstad University , Sweden - August 2008-February 2009
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**LANGUAGE INFORMATION**

Turkish	Mother Tongue
English	Perfect
Swedish	Beginner

**SOFTWARE SKILLS**

WINDOWS	Perfect
MICROSOFT OFFICE	Perfect
SONNET EM SOFTWARE	Perfect
HFSS EM SOFTWARE	Perfect
AWR	Perfect
FILPRO	Good
MATLAB	Perfect
FEKO	Good
CST	Good
HTML	Good

**RESEARCH 6 INTEREST AREAS****Academic Profession**

Electromagnetic Band-Gap Structures, Microwave Filter Design, Implementation, Microwave Antennas, Electromagnetic Theory, Microwave Techniques, Microwave Applications, Electromagnetic Waveguides, Scattering Problems

**Hobbies**

Bicycle, Reading, Jogging, Cinema, Music, Theatre, Travelling,

**PUBLICATIONS**

1. Erdoğan, A. Y. Saydur, E. D. **Ertay**, A. O. Kavas, A. (2010). “The Radar Cross Section Investigation of 3-D Objects by using Physical Optics”, V. URSI-Türkiye'2010 Bilimsel Kongresi, sayfa 297-300, ISBN: 978-1-4244-7243-7, 25-27 August 2010 Middle Esat Technical University Campus of Northern Cyprus, Güzelyurt, KKTC. (In Turkish)

2. **Ertay, A.O.** Kavas, A. (2010) Farklı Geometrilik Plakaların Radar Kesit Alanının Fizik Optik Yöntemi (PO) ile Analizi, III. Ulusal Havacılık ve Uzay Konferansı, ISBN: 978-975-06-0766-0, sayfa: 1-9, 16-18 September 2010, Anadolu University, Eskişehir. (In Turkish)
3. **Ertay, A. O.** Kavas, A. Uz, O. Altınok, B. (2012). WCDMA Sistemlerinde Makro Hücre Kapasite ve Yük Hesaplaması, Elektronik ve Bilgisayar Mühendisliği Sempozyumu ve Fuarı ELECO, Bursa ISBN: 978-605-010422-6, sayfa 713-716, 2012. (In Turkish)
4. **Ertay, A. O.** Suer, C. (2013). Multi-layered Frequency Selective Surfaces for High Frequency Applications, *The 34<sup>th</sup> Progress in Electromagnetic Research Symposium*, Stockholm SWEDEN, 2013.
5. **Ertay A. O.,**Şimşek S. (2013). Design of Elliptic-Function Microstrip Filters with Defected Ground Structures, *The 34<sup>th</sup> Progress in Electromagnetic Research Symposium*, Stockholm SWEDEN, 2013.
6. **Ertay A. O.** Simsek, S. (2013). Taban İletkeni Kusurlu Yapıların Mikroşerit Filtre Tasarımındaki Etkilerinin İncelenmesi, *2. Ulusal EMC Konferansı*, Işık Üniversitesi, 9-11 Eylül, 2013. (In Turkish)
7. **Ertay, A. O.** Abbak, M. Şimşek, S. (2013). A Compact Low Pass Filter Design with a Fan-Shaped Defected Ground Structure for Broad Stopband, *8th. International Conference on Electrical and Electronics Engineering*, Bursa Turkey, 28-30 November, 2013.