Dr. BURAK ALİŞAN
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EDUCATION

September 2006- August 2012
> Bilkent University, ANKARA
> Ph. D. in Electrical and Electronics Engineering
> Thesis Title: Computation of Surface Fields Excited on Arbitrary Smooth Convex
> Surfaces with an Impedance Boundary Condition
> CGPA= 3.33/ 4.00

September 2003- January 2006
> Bilkent University, ANKARA
> M.S. in Electrical and Electronics Engineering
> Thesis Title: Efficient Computation of Surface Fields Excited on an Electrically
> Large Circular Cylinder with an Impedance Boundary Condition
> CGPA= 3.89/ 4.00

September 1998- June 2003
> Bilkent University, ANKARA
> B.S. in Electrical and Electronics Engineering
> CGPA= 3.31/ 4.00

WORK EXPERIENCE

2018-Present
> Senior RF/Microwave Design Lead Engineer in ASELSAN Inc. Radar, Electronic
> Warfare and Intelligence Systems (REHIS) Division; ANKARA

2018-
> Part time lecturer at Aselsan Academy; ANKARA
> • AAR 623 (RF Transceiver Design) – Graduate course

2014-2018
> RF/Microwave Design Lead Engineer in ASELSAN Inc. Radar, Electronic Warfare
> and Intelligence Systems (REHIS) Division; ANKARA

2009-2014
> Senior Expert RF/Microwave Design Engineer in ASELSAN Inc. Radar, Electronic
> Warfare and Intelligence Systems (REHIS) Division; ANKARA

2007-2009
> Expert RF/Microwave Design Engineer in ASELSAN Inc. Radar, Electronic Warfare
> and Intelligence Systems (REHIS) Division; ANKARA

2003-2007

RF/Microwave Design Engineer in ASELSAN Inc. Microwave and System Technologies (MST) Division; ANKARA

- Design of passive microwave components (filter, power divider, coupler, etc)
- Design of RF receiver front ends
- Design of RF synthesizers
- Development of wideband receivers (HF, V/UHF, SHF) and antenna switching units

COMPUTER SKILLS

- Microsoft Office Programs (Word, Excel, Powerpoint)
- Matlab Programming Languages
- Keysight ADS, Genesys, Sonnet, AWR, HFSS

LANGUAGE SKILLS

- English (fluent)
- German (basic)

PUBLICATIONS

- V. B. Ertürk, B. Alisan, and A. Altintas, "Efficient computation of surface fields excited on an electrically large circular cylinder with an impedance boundary condition," 28th General Assembly of International Union of Radio Science (URSI), vol. URSI, New Delhi, Oct. 23-29 2005.

- B. Alisan, V. B. Ertürk and A. Altintas, "Efficient computation of nonparaxial surface fields excited on an electrically large circular cylinder with an impedance boundary condition", IEEE Trans. Antennas Propagat., Vol.54, No.9, pp. 2559-2567, September 2006.

- B. Alisan and V. B. Ertürk, "A high-frequency based asymptotic solution for surface fields on a source-excited sphere with an impedance boundary condition", Radio Sci., Vol. 45, No.5, October 2010, doi:10.1029/2010RS004367.

- B. Alisan and V. B. Ertürk, "Computation of surface fields excited on arbitrary smooth convex surfaces with an impedance boundary condition", 2012 IEEE International Symposium on Antennas and Propagation and USNC/URSI National Radio Science Meeting, vol. URSI, Chicago, IL, USA, July 8-14, 2012.

- P. Karabulut, V. B. Ertürk, L. Alatan, S. Karan, B. Alisan and M. I. Aksun, " A novel approach for the efficient computation of 1-D and 2-D summations", IEEE Trans. Antennas Propagat., Vol.64, No.3, pp. 1014-1022, March 2016.