Curriculum Vitae

Dr. Ayed R. Alajmi

College of Technological Studies

Shuwaikh, Jamal Abdulnasser Street, Kuwait

arr.alajmi@paaet.edu.kw

Education

Ph.D. Department of Electrical and Computer Engineering - Texas Tech University (2017)

M.Sc. Department of Electrical Engineering – Kuwait University(2008)

B.Sc. Department of Electrical Engineering – Kuwait University (2003)

Academic experience

Assistant Professor – College of Technological Studies PAAET (2018-present)

Faculty Member – College of Technological Studies PAAET (2010-2013)

Faculty Member – Telecommunication and Navigation Institute (2007-2010)

Non-academic experience

Consultant – Kuwait Foundation for the Advancement of Sciences (2018-2021)

Electrical Engineer – Ministry of Electricity and Water (2003-2007)

Certifications

None

Current membership

IEEE – Institute of Electrical and Electronics Engineers

Honors and awards

Tau Beta Pi – The Engineering Honor Society

Phi Kappa Phi – Honor Society

Service activities

None

Publications and presentations

[1] Ayed R. AlAjmi, Samir F. Mahmoud, "Investigation of Multiwall Carbon Nanotubes as Antennas in the Subterahertz Range," IEEE Trans. on Nanotechnology, vol. 13, no.2, pp. 268,273, March 2014.

[2] Samir F. Mahmoud, Ayed .R AlAjmi, "Characteristics of a New Carbon Nanotube Antenna Structure with Enhanced Radiation in the Sub-TeraHertz Range," IEEE Trans. Nanotechnology, vol. 11, no.3, pp. 640-646, May 2012.

[3] A. R. AlAjmi and M. A. Saed, "A pin-loaded microstrip patch antenna with the ability to suppress surface wave excitation," Progress In Electromagnetics Research C, Vol. 62, 131-137, 2016.

[4] A. R. Al-Ajmi, S.F.Mahmoud, "A Single-Feed Circularly-Polarized Patch Antenna for Reduced Surface Wave Applications", Microwave and Optical Technology Letters, Vol.51, pp.2675 - 2679, 2009.

[5] S. F. Mahmoud, A.R Al-Ajmi "A Novel Microstrip Patch Antenna with Reduced Surface Wave Excitation", Progress in Electromagnetics Research, PIER 86, 71- 86, 2008.

[6] A. R. AlAjmi and M. Saed, "Simplified microstrip patch antenna design for reduced surface wave applications," 2014 IEEE Antennas and Propagation Society International Symposium (APSURSI), Memphis, TN, 2014, pp. 1849-1850.

[7] A. R. AlAjmi and M. A. Saed, "Corner reflector dielectric surface wave antenna with enhanced directivity," Wireless and Microwave Technology Conference (WAMICON), 2015 IEEE 16th Annual, Cocoa Beach, FL, 2015, pp. 1-3.

[8] A. R. AlAjmi and M. A. Saed, "Microwave Imaging in Noisy Environments Using FDTD Time Reversal Method," URSI Radio Science Meeting, Fajardo, Puerto Rico, June 26 - July 1, 2016.

[9] A. R. AlAjmi and M. A. Saed, "Perforated Dielectric Surface Wave Antenna with Directive Radiation Pattern," IEEE International Conference on Antennas and Applications, Syracuse (NY), October 23-27, 2016.

[10] S. F. Mahmoud and A. R. AlAjmi, "Analysis and design of carbon nanotube antenna in the subterahertz frequency range," Antennas and Propagation Conference (LAPC), Loughborough, 2014, pp. 206-209.

[11] S. F. Mahmoud, A.R Al-Ajmi "Microstrip Patch Antenna Designs with Reduced Surface Wave Excitation", Progress In Electromagnetics Research Symposium, Moscow, Russia, August 2009.

Professional development activities

None