NAME : LOTFI LADHAR

Associate Professor, Department of Electrical and Computer Engineering, King Abdulaziz University

Education

Degree	*Field of Study*	*Institution*	*Year*
Ph.D.	TELECOM	High Telecommunication Institute - MOSCOW	1990
MS	TELECOM	High Telecommunication Institute - MOSCOW	1987
BS	TELECOM	High Telecommunication Institute - MOSCOW	1985

Academic Experience

From To	*Institution*	*Rank*	*Title*	*Full or Part Time*
Sep.2012 Now	KAU -JEDDAH		Associate Prof.	Full Time
Sep.2001- July 2012	College of Telecommunication and Electronics – Jeddah		Assistant Prof.	Full Time
Sep.1991- July 2001	AIR FORCE ACADEMY-TUNIS		Assistant Prof.	Full Time

Non-Academic Experience *(Including Consultations)*

Consultant among many companies dealing with VSAT and TVSAT technologies

Funded Research Projects and Patents From The Last Five Years

1. **Project KACST-1 -** *Design of a frequency signature based chipless RFID system for the identification of Arab letters- 2015-2018*
2. **Project KACST-2 -** *Design and optimization of inductive power links for remote powering of biomedical implantable devices 2013-2015*
3. **Book translation from English to Arabic titled :** *« Reference guide to Fiber optic testing » 2015*
4. **Book author titled** *"Introduction to embedded System and Applications - June 2019*

Current Membership in Professional Societies and Organizations

	Society/Organization	*Rank*	*Since*
i.	IEEE Member	Associate	2002
ii.			
iii.			

Institutional and Professional Services

Electrical Engineering department Chair in the Engineering College at King Abdulaziz University North Jeddah Branch from 2013 -2015

Principal Publications/Presentations from the Past Five Years

1) L.M. LADHAR, Imen Ben Trad, Jean-Marie Floch, Hatem RMILI and Mhamed Drissi. "Planar Elliptic Broadband Antenna with Wide Range Reconfigurable Narrow Notched Bands for Multi-Standard Wireless"-PIER Journal Progress In Electromagnetics Research, Vol. 145, 69-80, 2014

2) L.M. LADHAR, Mohamed ZAROUAN, Donia OUESLATI, Jean-Marie Floch, and Hatem RMILI. "Investigation on Cellular-Automata Irregular-Fractal Ultra Wideband Slot-Antennas"- Submitted on IJAP journal- under review

3) L. M. LADHAR , Mohamed ZAROUAN , and Hatem RMILI. "Numerical Analysis of the size effect on a Printed 2D-irregular fractal-jet Antenna" MMS-2014 - Microwave Mediterranean Symposium Dec. 12-14-2014, Marrekch – Morroco

4) Lotfi Ladhar, Mohamed Zarouan, Donia Oueslati, Jean-Marie Floch, and Hatem Rmili. "Investigation on Cellular-Automata Irregular-Fractal Ultra Wideband Slot-Antennas. MICROWAVE AND OPTICAL TECHNOLOGY LETTERS / Vol. 57, No. 11, November 2015

5) D. OUESLATI, L. LADHAR, M. SHEIKH , H. RMILI "Design of a chipless RFID tags based on natural fractal geometries for security applications". MICROWAVE AND OPTICAL TECHNOLOGY LETTERS / Vol. 58, No. 1, January 2016

6) S. Mehri, L. Ladhar, J. Ben Hadj Slama, and A. C. Ammari, 'Performance characterization of variable width square coils for inductive link wireless power transfer', 18th Mediterranean Electrotechnical Conference (MELECON'2016)**, Lemesos, Cyprus, 18-20 April 2016**

7) L. LADHAR, A. Yahyaoui , ,H. Rmili, and T. Aguili Numerical Analysis of a metasurface Based Elleptic Dielectric Resonator for transmission Control of Electromagnetic waves. MMS-2016 - Microwave Mediterranean Symposium Nov. 14-16-2016, Abu Dhabi – UAE

8) L. LADHAR ,A. Yahyaoui , H. Rmili, M. Sheik, A.Dobai and T. Aguili Half-wave and Quaterwave plate Elliptic Dielectric Resonators Metasurfaces for Microwave Applications. MMS-2016 - Microwave Mediterranean Symposium Nov. 14-16-2016, Abu Dhabi – UAE

9) L. Ladhar, D.Oueslati, H. Rmilli, A. Dobaie, J. M. Floch. Experimental Study of Natural Fractal Antennas based on a Tree-Leaf geometry. MMS-2017 - Microwave Mediterranean Symposium Nov. 28-30-2017 , Marseille-FRANCE

10) L. Ladhar , A. Dhiflaoui, , A. M. Asseri , T. Aguili, and H. Rmili. Design of an Ultra Wideband and High Directive Photoconductive THz Log Spiral Antenna. IEEE-IINTEC'2018 – International Conference on Internet of Things, Embedded Systems and Communications. Dec. 20-22, 2018 Hammamet, Tunisia.

11) O. Boularess, L. Ladhar, A. Affandi, and S. Tedjini . Analysis of RCS Signatures of chipless RFID tags Based on Arabic Alphabet Letters with Punctuation Submitted on 31/12/2018 ACES-(The Applied Computational Electromagnetics Society) Journal number 20181259