

# Dr. Mostafa Salah



## I. GENERAL

<b>Name</b>	<b>Mostafa salah Abd-Alhafez</b>	
<b>Date of Birth</b>	1/5/1981	
<b>Place of Birth</b>	Sohag, Egypt	
<b>Nationality</b>	Egyptian	
<b>Address</b>	El-aked street, Akhmim city, Sohag.	
<b>E-mail</b>	engmsam1@gmail.com , <a href="mailto:mostafa.salah@eng.sohag.edu.eg">mostafa.salah@eng.sohag.edu.eg</a>	
<b>Phone</b>	0107028548	
<b>Present Occupation</b>	Lecturer at Electrical Engineering Dept., Sohag Faculty of Engineering, Sohag University. (From Jan. 2018 )	
<b>Academic Qualifications</b>	<b>B. Sc.</b>	Electrical & Electronics Engineering, Assiut University, May 2003. Average Grade: Very Good, B.Sc. Project : Grade of Distinction.
	<b>M. Sc.</b>	Electrical Engineering, Assiut University, Egypt, Dec. 2010. Title: “ <b>Tag anti-collision protocols for RFID systems</b> ”
	<b>PhD</b>	Electrical Engineering, Assiut University, Egypt, Dec. 2017. Title: “ <b>New approaches for Multi-carrier frequency division multiplexing systems</b> ”
<b>Teaching</b>	Signals and systems, Digital Signal Processing and Electrical and Electronic Measurements.	

## II. EMPLOYMENT HISTORY AND EXPERIENCE

- 1- Technical support in the Bank for Development and Agricultural Credit (From January 1, 2007 to Nov 2009).
- 2- Network engineer in Telecom Egypt Company, (From Nov., 2009 to Oct., 2014).
- 3- Assistant Lecturer at Electrical Engineering Dept., Sohag Faculty of Engineering, Sohag University. (From Oct., 2014, till Jan. 2018)

## III. List of Publications

1	Usama Sayed Mohamed and Mostafa Salah, “Parallel Binary Tree Splitting Protocol for Tag Anti-collision in RFID Systems”, Proceeding of the 4th <b>IEEE</b> international workshop in Design and Test (IDT09), Riyadh, Saudia Arabia, Nov. <b>2009</b> .
2	Usama Sayed Mohamed and Mostafa Salah, “Fast and Simple Anti-collision Protocol Based on Up-Down Counter and One Bit Reader Response”, <b>IWRT</b> - International Workshop on RFID Technology-Concepts, Applications, and Challenges, . Funchal, Madeira, Portugal, June <b>2010</b> , page 113-123.
3	Usama Sayed Mohamed and Mostafa Salah, “Tag Anti-collision Algorithm for RFID Systems with Minimum Overhead Information in the Identification Process”, in the <b>Radioengineering journal</b> , vol. 20, no. 1, April <b>2011</b> , Impact Factor 0.739.

4	Usama Sayed Mohamed and Mostafa Salah," Fast Anti-collision Protocol for Fixed and moving Scenario in RFID Systems", The 3rd National Information Technology Symposium (NITS 2011), Riyadh, Saudi Arabia, Mar 6, <b>2011</b> .
5	Usama Sayed Mohamed and Mostafa Salah," Integrated Reader and Tag Anti-collision Protocol in RFID Systems based on Similar Topology Trees" , the International Journal of Radio Frequency Identification Technology and Applications, Int. J. Radio Frequency Identification Technology and Applications ( <b>IJRfITA</b> ), Vol. 4, No. 2, <b>2013</b>
6	M. Salah, Osama A. Omer, Usama S. Mohamed, "Damped frequency division multiplexing: A super-resolution multicarrier scheme", 4th International Japan-Egypt Conference on Electronics, Communications and Computers (JEC-ECC), June 2016.
7	M. Salah, Osama A. Omer, Usama S. Mohamed, "Damping Shift Keying (Dsk): A New Modulation Space for Single Carrier Communications", 34th National Radio Science Conference (NRSC 2017), March 13-16, 2017, Alex, Egypt, 2017.
8	M. Salah, Osama A. Omer, Usama S. Mohamed, "Joint Compressive Sensing Framework for Sparse Data/Channel Estimation in Non-Orthogonal Multicarrier Scheme", in journal of engineering science (JES), vol. 44, no. 5, pp. 537- 554, Sept. 2016.
9	M. Salah, Osama A. Omer, Usama S. Mohamed, "Compressive Sensing Approach in Multicarrier Sparsely Indexing Modulation Systems", <b>china communication</b> , <b>CNCOMM-2017-0047.R3</b> , pp. 151-166, <b>Nov. 2017</b> .
10	M. Salah, Osama A. Omer, Usama S. Mohamed, "Enhanced MFSK spectral efficiency based on super-resolution spectral estimation", International Symposium on Wireless Communication (ISWC 2018), Egypt.

<b>Current research interests</b>	<b>Wireless communication in general, especially, Index modulation, 3GPP and IEEE standardization for physical layer and emerging compressive sensing in sparse index modulation.</b>
-----------------------------------	---

**MOSTAFA**