ABET Curriculum Vitae of:
Majdi Mohamed Elhajji

DEGREE	DISCIPLINE	INSTITUTION	YEAR
Ph.D.	Computer science	Lille1 University	2012
M.Sc.	Electronics and micro-electronics	Monastir University	2008
B.Sc.	Electronics and micro-electronics	Monastir University	2006

Academic Rank: Assistant Professor

Academic Experience:
Institution: Shaqra University
Rank: Assistant Professor
Title: (Head of Computer Engineering and Networks Department)
Dates: 2017 – present
Full Time or Part Time: Full Time

Institution: Shaqra University
Rank: Assistant Professor
Title: (Head of Computer Engineering and Networks Department)
Dates: April 2018 – present
Full Time or Part Time: Full Time

Institution: Hafr AL Batin University
Rank: Assistant Professor
Dates: 2014 – 2017
Full Time or Part Time: Full Time

Institution: Monastir University
Rank: Assistant Professor
Dates: 2013 – 2014
Full Time or Part Time: Full Time

Institution: Monastir University
Rank: Lecturer
Dates: 2011 – 2012
Full Time or Part Time: Full Time

Institution: French Institute for Research in Computer Science and Automation
Rank: Researcher
Dates: 2009 – 2011
Full Time or Part Time: Full Time

Membership in Professional Organizations:
Scientific Reviewer at International Journal of Electronics, Taylor and francis.
Member of the research project, "Design of a low power compressor for capsule
Endoscopy system" sponsored by Dammam University *2015-2016.*
Member of the scientific committee of the MajecSTIC Conference, Lille, France *2012*
Member of the research project MVAR Euro-Med 3+3 2009-2011.

Principal Publications and Presentations of the Last Five Years:

[1]. Dalbouchi.R, Elhajji.M, Zitouni.A. "A design platform for reconfigurable architecture and its application to watermarking system". IEEE-SSD 2018

[2]. N.Jarray, M. Elhajji and A. Zitouni, Efficient Hybrid DWT-DCT Architecture For Wireless Capsule Endoscopy. IEEE-SSD 2018

[3]. N.Jarray, **M. Elhajji** and A. Zitouni, "Efficient hardware architecture of DCT cordic-loeffler compression algorithm for Wireless Endoscopic Capsule". Advances on Signals, Systems and Devices book.

[4]. N.Jarray, M.Elhajji, A.Zitouni "An optimized DCT compressor based on Cordic-Loeffler approach for Wireless Endoscopic Capsule " International Journal of Advanced and Applied Sciences, April 2017

[5]. A Zitouni, A. Almimouni, M.Elhajji, "Low power design of wireless endoscopy compression/communication architecture", International Journal: Electrical Systems and Information Technology, Publishing house Elsevier, 2017.

[6]. N. Jarray, M. Elhaji and A. Zitouni, "Low complexity and efficient architecture of 1D-DCT based Cordic-Loeffler for Wireless Endoscopy Capsule", 12th International Multi-Conference on Systems, Signals & Devices, Mars 2015, in Tunisia.

[7]. **M.Elhajji**, A. Zitouni, S. Meftali, J.L. Dekeyser and R. Tourki, A low power oriented architecture for H.264 variable block size motion estimation based on resource sharing scheme, *Integration, the VLSI Journal,* **Elsevier, 2013.**

[8]. **M.Elhajji**, P. Boulet, A. Zitouni, S. Meftali, J.L. Dekeyser and R. Tourki, "System level modeling methodology of NoC design from UML-MARTE to VHDL", *International Journal of Design Automation for Embedded Systems*, Springer, 2013.

[9]. N. Jarray, S. Dhahri, **M. Elhajji** and A. Zitouni, A high level hardware architecture binarizer for H.264/AVC CABAC encoder, IEEE Int. Conf. on Control, Engineering & Information Technology **(CEIT'13)**, Sousse, Tunisia, **2013**