



Lazhar Khriji

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Education

2005: HDR (Electronics), National Engineering School of Sfax (ENIS), University of Sfax, Tunisia.

2002: Doctor of Technology (Information Technology), Institute of Signal Processing, Tampere University of Technology, TUT, Finland.

1999: PhD (Electrical Eng.), Cooperation between the College of Science, University of Tunis El-Manar, and Tampere University of Technology, TUT, Finland.

1992: Master of Science (Electrical Eng.: Automation & Control), ESSTT, "Higher School of Sciences and Techniques of Tunis", University of Tunis, Tunisia.

Academic Experience

May 2008 to Present: Associate Professor, Sultan Qaboos University (SQU), Oman.

Jan. 2002 - May 2008: Assistant Professor, Sultan Qaboos University (SQU), Oman.

July 2000 – Jan. 2002: Assistant Professor, National Engineering school of Monastir (ENIM), University of Monastir, Tunisia.

Feb. 1997- Sept. 2000: Researcher, Institute of Signal Processing, Tampere University of Technology TUT, Tampere, Finland. On leave from National Engineering school of Monastir (ENIM), Tunisia

Sept.1993 - July 2000: Lecturer, National Engineering school of Monastir (ENIM), University of Monastir, Tunisia.

Non-Academic Experience

N/A

Certifications or Professional Registrations

CCNA

Current Membership in Professional Organizations

Member, IEEE

Honors and Awards

National Research Awards in the research area Environmental and Biological Resources, Article entitled "Detecting Surface Cracks on Dates Using Color Imaging Technique". December 2014.

Awarded a certificate of appreciation from Sultan Qaboos University for being part of successful achievements of College of Engineering ABET accreditation for ECE and MCTE Programs. In Fall 2013, both programs were assessed and fully accredited by ABET. May 2014.



Service Activities

- Chair, Health-Safety-Risk Management Committee (Sept. 2015 – present)
- Chair, MCTE Final Year Project Committee (Sept. 2014 – Sept.2016)
- Chair, ECE Final Year Project Committee (Sept. 2010 – Sept. 2014)
- Chair, Publications & Web Committee (Sept. 2005 – Sept. 2006)
- Chair, Student Society & Social Activities Committee (2003–2004)
- Member, Ad-hoc committee to prepare a new specialisation in ECE department “Biomedical signals and Medical devices track”. (2013-2015)

Selected Publications

A. Al-Busaidi, L. Khriji, F. Touati, M.F. A. Rasid, A. Ben Mnaouer,(2017), Wavelet-based Encoding Scheme for Controlling Size of Compressed ECG Segments in Telecardiology Systems, Journal of Medical Systems 41 (10), 2017.

N. Hamza, L. Khriji and R. Tourki, (2017), Interference reduction and Common mode Rejection in ECG signal by removing the Ground Electrode, Journal of Clinical Engineering, Publisher: Lippincott Williams & Wilkins. January/March 2017 - Volume 42 - Issue 1 - p 21–27

N. Al-Mezeini, A. Manickavasagan, R. Al-Yahyai, A. Al-Wahaibi, A. Al-Raeesi, and L. Khriji, (2016), X-ray imaging of stored dates to detect infestation by saw-toothed beetles, International Journal of Fruit Science, Taylor & Francis, 16 (1), 42-56.

T. Saidani, M. Atri, L. Khriji and R. Tourki, (2016), An Efficient Hardware Implementation of Parallel EBCOT Algorithm for JPEG2000, Journal of Real-Time Image Processing© Springer-Verlag Berlin Heidelberg, 2016. 11 (1), pp. 63-74.

F. Touati, O. Erdene-Ochir, W. Mehmood, A. Hassan, A. BenMnaouer, B. Gaabab, M.F.A. Rasid, and L. Khriji, (2015), An Experimental Performance Evaluation and Compatibility Study of the Bluetooth Low Energy Based Platform for ECG Monitoring in WBANs, Hindawi Publishing Corporation, International Journal of Distributed Sensor Networks, Volume 2015.

Professional Development Activities

UVS-Oman 2019 (Scientific Committee), Muscat, Oman, 5-7 Feb. 2019

MobiApps-2018: (Technical program committee member), Barcelona, Spain, 6-8 August 2018.

SCS'18 SMART CITIES SYMPOSIUM: (Technical Program Committee member), KINGDOM OF BAHRAIN 22-23 APRIL 2018.

ATSIP'2018: (Program Committee Co-Chair & Steering Committee member), Tunisia, 21-24 March 2018.

IEEE-GCC'2017: (Technical Program Committee member), 9th IEEE-GCC conference 2017, Manama, Bahrain, 08 May - 11 May 2017.