Medhat Awadalla

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College of Engineering, Sultan Qaboos University
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Education
PhD, Cardiff University, UK, 2005

Academic Experience
 Associate Professor at SQU from 2018
Associate Professor at Helwan University, Egypt (2011-2018)
Postdoctoral at Cardiff University, Wales, UK (20016)

Non-Academic Experience
 Consultant for developing the industrial colleges and institutes for the Ministry of Education, Egypt, 2007-2008

Certifications or Professional Registrations

Current Membership in Professional Organizations
 IEEE member

Honors and Awards
Sultan Qaboos University Award for Excellence in Scientific Publication for the academic year 2013, 2014
Queen's Prize, UK for the best department, Systems Department, Cardiff University 2000

Service Activities
Reviewer for the Research Council of Oman, TRC
Reviewer for several reputed international journals and conferences
Conferences session chair
Organization and management of the International Conferences held by SQU
External, Internal, and chair for Master thesis Examinations
Conducting workshops for high school students in Electrical Engineering fundamentals
Participating in Department/College committees

Selected Publications
 [J1].   M Awadalla, Spiking neural network and bull genetic algorithm for active vibration control. International Journal of Intelligent Systems and Applications, Volume 10, Issue 2, 1 February 2018, Pages 17-26.

[J2].   M Awadalla, A. Al Maashri, L. Pathuri, A. Ahmad. Customized Hardware Crypto Engine for Wireless Sensor Networks. Indonesian Journal of Electrical Engineering and Computer Science 7 (1), 263-275, 2017.

[J3].   M. Awadalla, A. Al-Lawati, and S. Al-Busaidi, "A survey: Real Time Scheduling Techniques for Energy Efficient Multiprocessor Systems", International Journal of Control Theory and Applications (IJCTA) ISSN :0974-5572, Vol. 8, No.2, 2015.

[J4].   M. Awadalla, Processor Speed Control for Power reduction of Real-Time Systems, International Journal of Electrical and Computer Engineering (IJECE), Vol. 5, No. 4, pp. 701-713, August 2015.

[J5].   M. Awadalla, "Task Mapping and Scheduling in Wireless Sensor Networks", IAENG International Journal of Computer Science, Vol. 40, No. 4, pp. 1-9, 2013.

Professional Development Activities

 Conducting workshop in embedded and digital computing devices for HEPTA-SAT training in Oman (Cube Satellite)