Ahmed Chiheb Ammari

Associate professor, Department of Electrical and Computer Engineering
College of Engineering, Sultan Qaboos University
P.O. Box 33, Al-Khod 123, Muscat, Sultanate of Oman
Telephone: (968) 24141373
Fax: (968) 24413454, E-mail:chiheb@squ.edu.om

Education

Ph. D. Electrical Engineering, Polytechnic National Institute of Grenoble (INPG), France, 1996

Academic Experience

Sultan Qaboos University, College of Engineering, Muscat, Sultanate of Oman Associate professor, 2017-present, full time
King Abdulaziz University, College of Engineering, Jeddah, Saudi Arabia, Associate professor, 2012-2017, full time
Carthage University, INSAT institute, Tunis, Tunisia, Associate professor, 2009-2012, full time
Carthage University, INSAT institute, Tunis, Tunisia, Assistant professor, 1996-2009, full time

Non-Academic Experience

Open Vision R&D –Tunisia (Open Wide Group –France), Consultant, Operation Manager, 2008-2010, part time
ICS Technologies R&D (Tunis-Tunisia), Consultant, project Manager, 2002-2007, part time

Certifications or Professional Registrations

N/A

Current Membership in Professional Organizations

Institute of Electrical and Electronics Engineers, IEEE, senior member, 2015
Tunisian Engineering society, 1997

Honors and Awards

Fulbright awarded Scholarship in 2010 at University of Southern California (USC), department of electrical engineering, Los Angeles, California, CA.
University Merit Scholarship in 1993 awarded by National Engineering Institute, Monastir University, Tunisia to pursue Master and Ph.D. programs at Polytechnic National Institute (INPG) France

Service Activities

Pre-Specialization Academic Advising Unit (PAAU), college of Engineering, Sultan Qaboos University,
Web and publication committee, college of Engineering, Sultan Qaboos University,

Selected Publications

1. Trigui, A., Ali, M., Ammari, A., C., Savaria, Y., and Sawan, M., 2018. A 1.5 pJ/bit, 9.04 Mbit/s

Carrier-Width Demodulator for Data Transmission Over an Inductive Link Supporting Power and Data Transfer, IEEE Transactions on Circuits and Systems II: Express Briefs, 65(10):1420-1424.
2. Yuan, H., Bi, J., Zhou, MC., and Ammari, A.C., 2018. Time-Aware Multi-Application Task Scheduling With Guaranteed Delay Constraints in Green Data Centers, IEEE Transactions on Automation Science and Engineering, 15(3):1138-1151.
3. Mehri, S., Ammari, A.C., Ben Hadj Slama, J., and Sawan, M., 2018. Design Optimization of Multiple-Layer PSCs With Minimal Losses for Efficient and Robust Inductive Wireless Power Transfer, IEEE Access Journal, 6:31924-31934.
4.Kang, Q., Feng, S., Zhou, MC., Ammari, A.C., and Sedraoui, K., 2017. Optimal Load Scheduling of Plug-in Hybrid Electric Vehicles via Weight-Aggregation Multi-objective Evolutionary Algorithms, IEEE Transactions on Intelligent Transportation Systems, 18(9):2557–2568.
5. Trigui, A., Hached, S., Mounaim, F., Ammari, A. C., and Sawan, M., 2015. Inductive Power Transfer System with Self Calibrated Primary Resonant Frequency, IEEE transactions on Power Electronics, 30(11): 6078-6087.

Professional Development Activities

1- Research Workshop animated by Pr Zhou Mengchu professor at New Jersey Institute of Technology, Newark, NJ, USA and Highly Cited Distinguished Adjunct Professor at the Renewable energy research group, King Abdulaziz University, 'Occupant-engaged Demand Response Strategy for Energy Management of Buildings, Mars 2014
2- Specialized Training, Siemens automation systems, STEP 7, and WinCC flexible, King Abdulaziz University, College of Engineering, Jeddah, October, 2013