



Hadj BOURDOUCEN

Dean of CoENG and Professor of ECE, 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) 241424141325
Fax: (968) 24413454, E-mail:hadj@squ.edu.om

Education

Ph. D. Electronics (with Distinction), Ecole Central de Lyon, France, 1987
MS Integrated Electronics, Ecole Central de Lyon, France, 1984
B.Eng. Electrical & Computer Engineering (First Class), INELEC, University of Boumerdes, Algeria, 1983

Academic Experience

Professor of Electrical and Computer Engineering, 05/2010-present
Associate Professor, SQU, 05/2001 – 05/2010
Assistant Professor, SQU, 02/1998 – 05/2001
Maitre de Conférence INELEC (Boumerdes University), Algeria, 10/1994 – 01/1998
Assistant Professor, INELEC (Boumerdes University), Algeria, 09/1990 – 10/1994
Assistant Professor Houari Boumedienne University of Science and Technology (USTHB), Algiers, 09/1989 – 08/1990
Lecturer, Houari Boumedienne University of Science and Technology, Algiers 10/87 to 9/89

Non-Academic Experience

N/A

Certifications or Professional Registrations

Linux Professional Institute, LPIC1 and LPIC2
CISCO, CCNA
HP IT Essentials I: PC Hardware and Software

Current Membership in Professional Organizations

1. IEEE, Senior Member since 2000.
2. Oman Society of Engineers, OSE, Grade: Consultant Engineer
3. IEEE, member since 1987.
4. IEEE Electron Device Society, permanent member since 1987.
5. Algerian Society of Technology, member in 2002

Honors and Awards

1999 IEEE Senior Member Award, Sultan Qaboos University



1995 & 1997, Best Teacher Award, INELEC, ALGERIA.
1993 Outstanding Achievement Award by Minister of Higher Education, Algeria.
1987 Graduation Ph.D. with honors, Ecole Central de Lyon, France.
1983 Top Student Award, INELEC, ALGERIA

Service Activities

Dean, College of Engineering, since June 2017.
Director, Communication and Information Research Center (CIRC), 09/ 2009 – 07/ 2017
Head, Department of Electrical and Computer Engineering, 09/2003-08/2007
Head, Department of Information Engineering, 09/2002-12/2002.

Selected Publications

- 1- A. Al Shidhani, K. Al Maawali, D. Al Abri and H. Bourdoucen, "A Comparative Analysis of Open Source Network Monitoring Tools", International Journal of Open Source Software and Processes, Vol. 7, no 2, pp. 1-19, April-June 2016
- 2- Osama Rehman, Mohamed Ould-khaoua and Hadj Bourdoucen, "An Adaptive Relay Nodes Selection Scheme for Multi-hop Broadcast in VANETs", Computer Communications, Elsevier, vol. 87, pp. 76-90, August 2016.
- 3- O. Rehman, M. Ould-Khaoua, H. Bourdoucen "Link Quality Estimation in VANETs for Multi-hop Alert Messages Dissemination", International Journal of Communication Networks and Distributed Systems, vol. 15, no 4, pp: 313- , 2015.
<http://www.inderscience.com/ospeers/admin/author/articlelist.php>
- 4- Sarrab, M., Bourdoucen, H. 2015. Mobile Cloud Computing: Security Issues and Considerations. Journal of Advances in Information Technology Vol. 6, No. 4, 2015.
- 5- K. Laxman, L. Al Gharibi, H. Bourdoucen, and J. Dutta "Asymmetric Electrodes: Role of specific capacitance in determining the equilibrium salt adsorption capacity in multimodal porous materials"; The Journal of Engineering Research Dec 2015, Vol.12, no2., pp: 22-31

Professional Development Activities

- 1- Workshop on "Trends of Engineering Education for the Industrial Revolution 4 challenges", 2018, Oman
- 2- Workshop on "Role of ICT sector in IR4", 2018
- 3- Seminar & Workshop during TRC Research Day, 2018