



Amer Al-Hinai

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Education

PhD, Electrical Engineering, West Virginia University, USA, 2005
MsC, Electrical Engineering, West Virginia University, USA, 2000
BsEng, Electrical & Electronics Engineering, Sultan Qaboos University, Oman, 1997

Academic Experience

SQU, Associate Professor, 2016-present, full time
SQU, Director Sustainable Energy Research Center, 2017-present, full time
Masdar Institutue, Visiting Professor, 2012-2016, full time
SQU, Assistant Professor, 2005-2015, full time
SQU. Lecturer, 2001-2004, full time
SQU, Demonstrator, 1998-2000, full time

Non-Academic Experience

AER-Oman, Chairman, 2014-2017, part time
AER-Oman, Member, 2011-2014, part time

Certifications or Professional Registrations

Consultant Engineer, Oman Society of Engineers (OSE), since May 2010

Current Membership in Professional Organizations

Senior Member, Institute of Electrical and Electronics Engineering, IEEE (USA), since January 2013

Honors and Awards

2017: His Majesty Trust Fund Research Award, SQU
2015: Reception of the best paper award, UAE
2014: Recognition by SQU for research & international award achievement
2013: Recognition by SQU for international award achievement
2013: Reception of the first prize for the technical competence of the paper, 39th IECON, Vienna, Austria.
2011: Reception of the Award of “One of the Pioneers in the Engineering Practice in the Gulf”, Bahrain
2008: Reception of Fulbright Research Scholarship

Service Activities

Chairman and member of AER-Oman



Director of the Sustainable Energy Research Center
Presidium Member of the Energy Regulators Regional Association
Editor of the International Journal of Renewable Energy Technology
Member and chairman of several ECE department & College of Engineering committees
Vice-Chair of the 8th IEEE GCC Conference & Exhibition
Steering Committee member of several local and regional conferences
Technical chairman of Musharaka Conference organized by Nama Holding

Selected Publications

1. S. Acharya, M. S. E. Moursi and A. Al-Hinai, "Coordinated Frequency Control Strategy for an Islanded Microgrid With Demand Side Management Capability," in IEEE Transactions on Energy Conversion, vol. 33, no. 2, pp. 639-651, June 2018.
2. H. Soliman, and A. Al-Hinai, "Robust automatic generation control with saturated input using the ellipsoid method", International Transactions on Electrical Energy Systems, John Wiley & Sons, 2018, 28:e2483. <https://doi.org/10.1002/etep.2483>
3. V. Ravikumar Pandi, A. Al-Hinai, Ali Feliachi, "Adaptive coordinated feeder flow control in distribution system with the support of distributed energy resources", International Journal of Electrical Power & Energy Systems, Elsevier, Volume 85, February 2017, Pages 190-199.
4. E. B. Ssekulima, M. B. Anwar, A. Al Hinai and M. S. El Moursi, "Wind speed and solar irradiance forecasting techniques for enhanced renewable energy integration with the grid: a review," in IET Renewable Power Generation, vol. 10, no. 7, pp. 885-989, 2016
5. K. Saleh, H. H. Zeineldin, A. Al-Hinai, E. El-Saadany, "Optimal Coordination of Directional Overcurrent Relays Using a New Time-Current-Voltage Characteristic" IEEE Transactions on Power Delivery, Vol. 30, Issue no. 2, page 537-544, April 2015

Professional Development Activities

Invited Speaker:

- 1) "From petroleum to energy transition", Middle East Mediterranean, Summer Summit 2018 Lugano, Switzerland, Palazzo dei Congressi, 2018
- 2) "Energy Transition in Oman: Identifying opportunities for collaboration on renewable energy and energy efficiency", Crowne Plaza hotel, Oman, 2017
- 3) "Policy, Regulations, and Market Measures: Essential Catalysts to Scale-up Energy Efficiency Investments", Al-Bustan Palace Hotel, Oman, 2015
- 4) "Renewables as a Mainstay and Core Component in MENA Future Energy", MENA Power Conference, UAE, 2013.
- 5) "The Future of Renewable Energy in Oman", The Role of Renewable Energy in the GCC: WFES 2013 side event, Abu Dhabi, UAE, 2013