**Bilal Mouneir Saeed Eid**

Surname: Eid

Date and place of Birth: **Kuwait** in 16-12-**1985**

Marital Status: **Married, with two kids.**

**Contact Information:**Current address: C-4-8 Idaman Putera Condo, Medan Idaman, Gombak, 53100 Kuala Lumpur, Malaysia.
Mobile: 0060136740081

TEL: 0060340313275
E-mail: b.garadh@gmail.com or bilaleid@um.edu.my

**Education:**

**Academic degree:**

* **PhD candidate** in renewable energy and smart grid.
	+ University of Malaya, Kuala Lumpur, Malaysia.
	+ From Feb/2012 to March/2016
* **Master degree** in **Electrical Energy and power system**
	+ University of Malaya, Kuala Lumpur, Malaysia.
	+ From 2009 to 2011
	+ CGPA: **3.39**
* Bachelor in **Electrical Engineering** ( Power and Machines )
	+ Sana’a University, Yemen.
	+ From 2003 to 2008
	+ **Good** degree

**Online certified courses**

* Course in **Solar Energy**
	+ **Delft University of Technology**, Netherlands
	+ 8 weeks, September to December 2014
	+ Dr. Arno Smets
* Course in **Think101x: The Science of Everyday Thinking**
	+ **The University of Queensland**, Australia
	+ 12 weeks, April to July 2014
	+ Dr. Jason Tangen
* Course in **Entrepreneurship 101: Who is your customer?**
	+ **Massachusetts Institute of Technology (MIT), Cambridge , USA**
	+ 8 weeks, March to May 2014
	+ Dr. Bill Aulet
* Course in **Energy** (1.01x:Energy 101)
	+ The **University of Texas System**, Austin, USA
	+ 15 weeks, Sep to Dec in 2013
	+ Prof. Dr. Michael Webber

**Work experience:**

* Since Dec/2011 till now I am working as Research Assistant in UMPEDAC (Electrical Engineering Research Centre) in University of Malaya. **Job description**: I served in a research projects in the field of Power Electronics, Renewable Energy and Smart Grid. My responsibilities include; working in the abovementioned projects, guiding postgraduate students and publishing in an ISI journals.
* Paper and book reviewers for many publishers such as IEEE, Elsevier and Springer, since 2013 till now.
* I was working as a Research Assistant in Faculty of Engineering University of Malaya from 6/2010 to 11/2011, during my master degree.
* I appointed as laboratory demonstrator in Electrical department, Faculty of Engineering, University of Malaya semester 1 2012/2013, and semester 1 2013/2014. **Job describtion**: Explain the experiment assigned to me to the students before they conduct the experiment, assess the student performance during the experiment session using the provided rubrics, Evaluate the student lab reports using the provided rubrics.

**Publications:**

**Journals:**

* Eid, B.M., Rahim, N.A. , Selvaraj, J. , El Khateb, A.H. "CONTROL METHODS AND OBJECTIVES FOR ELECTRONICALLY COUPLED DISTRIBUTED ENERGY RESOURCES IN MICROGRIDS: A REVIEW ", IEEE SYSTEMS JOURNAL, 2014.
* Eid, B., Rahim, N., Selvaraj, J., Williams B. “ELECTRONICALLY COUPLED DISTRIBUTED GENERATION MODELING AND CONTROL STRATEGIES FOR MICROGRID APPLICATIONS”, Applied Mathematics & Information Sciences, 2015.
* Eid, B., Rahim, N., Selvaraj, J., Josep M. Guerrero, & Javed A. Laghari. “EFFECTS OF DIFFERENT CONFIGURATIONS OF MICROGRID WITH LARGE-SCALE DISTRIBUTED ENERGY RESOURCES CONNECTED TO DISTRIBUTION NETWORKS”. Renewable Energy, Elsevier (**Under review**).

**Conference paper:**

* Bilal M. Eid, Nasrudin A. Rahim, Jeyraj Selvaraj, “DISTRIBUTED PHOTOVOLTAIC INVERTER PERFORMING MAXIMUM POWER POINT TRACKING AND DISPATCHING UNITY POWER FACTOR”, 3RD IET International Conference on Clean Energy and Technology (CEAT 2014), Kuching, Sarawak, Malaysia, 2014
* Ahmad Alyan, Nasrudin Abd. Rahim, Marizan Mubin, Bilal M. Eid, “NEW TOPOLOGY THREE PHASE MULTILEVEL INVERTER FOR GRID-CONNECTED PHOTOVOLTAIC SYSTEM”, International Symposium on
Industrial Electronics (ISIE2014) IEEE, Istanbul, Turkey, 2014
* Bilal M. Eid, Nasrudin A. Rahim, Jeyraj Selvaraj, “DISTRIBUTED PHOTOVOLTAIC GENERATOR PERFORMING REACTIVE POWER COMPENSATION”, IEEE Conference on Clean Energy and Technology (CEAT 2013), Langkawi, Malaysia, 2013
* Eid, BM and Chebil, J and Albatsh, F and Faris, WF, “CHALLENGES OF INTEGRATING UNMANNED AERIAL VEHICLES IN CIVIL APPLICATION”, IOP Conference Series: Materials Science and Engineering, Kuala lumpur, Malaysia 2013
* Bilal M. Eid, Nasrudin A. Rahim, Jeyraj Selvaraj, “MICROGIRD SYSTEM WITH MULTI DISTRIBUTED ENERGY RESOURCES USING MATALB/SIMULINK ", Power and Energy Conversion Symposium (PECS 2012), Melaka, Malaysia, 17 Dec, 2012

**Reviewer:**

* Reviewer for 10th International Power Engineering and Optimization Conference (PEOCO2016)
* Elsevier Book Reviewer, book title “Microgrid Control: Advanced Methods andApplications” 2015
* IEEE Systems Journal (2014 till now)
* 2013 IEEE International Conference on Clean Energy & Technologies (CEAT 2013)
* Soft Computing, Springer.

**Other publications:**

* I published a comic book online explaining the control loops for Photovoltaic inverter the is in Arabic language, ISBN GGKEY:X31UL3USBWS.
* I published a book online discussing the Malaysian stock market in Arabic language, ASIN: B01B7GAFCI.

**Awards:**

* PhD research is technically and financially supported by UM Power Energy Dedicated Advanced Centre (UMPEDAC) and the High Impact Research Grant, university of Malaya, Malaysia. Project title: “Campus Network Smart Grid for Energy Security” project Number (H-16001-00-D000032).
* Fund to attend IET conference and present a paper, titled “DISTRIBUTED PHOTOVOLTAIC INVERTER PERFORMING MAXIMUM POWER POINT TRACKING AND DISPATCHING UNITY POWER FACTOR”, 3RD IET International Conference on Clean Energy and Technology (CEAT 2014), Kuching, Sarawak, Malaysia, 2014
* Fund to attend IEEE conference and present a paper, titled “NEW TOPOLOGY THREE PHASE MULTILEVEL INVERTER FOR GRID-CONNECTED PHOTOVOLTAIC SYSTEM”, the conference details are: International Symposium on Industrial Electronics (ISIE2014) IEEE, Istanbul, Turkey, 2014
* Fund to attend IEEE conference and present a paper, titled “DISTRIBUTED PHOTOVOLTAIC GENERATOR PERFORMING REACTIVE POWER COMPENSATION”, the conference details; IEEE Conference on Clean Energy and Technology (CEAT 2013), Langkawi, Malaysia, 2013
* Fee waiver for 6 times in sequence during the six PhD semesters.

**Qualifications:**

* Workshop in **Renewable Energy: AC or DC Transmission and Distribution Systems from Power Electronics Perspective, Prof Barry William,** March 2016
* **IELTS** certificate band 6.5, Jan 2016
* Course in **Thesis Boot Camp**, 22-24 May 2015
* Course in **Training of Trainers TOT**, Dec 2014
* Course in **Organizational Excellence** (Tools and Methods), Aug 2014
* Course in **Microcontrollers**, Mar 2014
* Two days Course in **Smart Grid**, Dec 2013
* Course in **Latex** Program, 2013
* Four days course in **Distinctive leadership,** 2012
* Course in **Endnote** Program**,** 2012
* Course in **Write style** Program**,** 2012
* Course in **Nvivo** Program**,** 2012
* Course in **mini MBA,** 2010
* Course in **Matlab,** 2010
* Course in basics of **industrial electrical control,** 2008
* Course in basics of programmable logic control **PLC,** 2008
* Course in **Positive thinking,** 2008
* Course in **first aids** and practicing in the hospital, 2007
* Course in **Computer maintenance,** 2003
* Course in **Time Management,** 2003
* Course in **Decision making,** 2003
* Course in **Analysis of problems,** 2003
* Course in **Creative thinking,** 2003

**Computer Skills**

* Excellent user for **LaTex**, the most powerful tool for manuscript formatting.
* Excellent user for **Endnote**, the most powerful research and reference manager.
* Excellent user for **Matlab/Simulink**.
* Excellent user for **Microsoft Word, PowerPoint, Excel**, as a lecturer and researcher.
* Excellent typing skills, in **Arabic** and **English**.

**Conferences**

* I successfully participated in 2nd international conference on Islamic Science and Technology held on 20-21 October 2010 Johor Bahru, Malaysia.
* I successfully participated in Power and Energy Conversion Symposium (PECS 2012), Melaka, Malaysia, 17 Dec, 2012
* I successfully participated in IEEE Conference on Clean Energy and Technology (CEAT 2013), Langkawi, Malaysia, 2013
* I successfully participated in International Symposium on Industrial Electronics (ISIE2014) IEEE, Istanbul, Turkey, 2014
* I successfully participated in IET Conference on Clean Energy and Technology (CEAT 2014), Kuching, Sarawak, Malaysia, 2014