

# Curriculum Vitae

**Reza Sirjani , Assoc. Prof. Dr.**

**Department of Electrical and Electronic Engineering,  
Eastern Mediterranean University (EMU),  
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## Professional Preparation

**Dec 2009- Jan 2013 :** Ph.D. in Electrical Engineering (Power Systems) , The National University of Malaysia (UKM) , Bangi, Selangor, Malaysia.

- Thesis Title: "Optimal Placement and Sizing of Shunt Var Compensators in Power Systems Using Improved and Global Harmony Search Algorithms"

**Sep 2006- Dec 2008:** M.Sc. in Electrical Engineering (Power Systems), Islamic Azad University, Tehran Sciences and Researches Branch, Tehran, Iran.

(Ranked 2nd among graduated students)

- Thesis Title: "Transmission Network Planning in a Restructured Power System"

**Sep 2001- Sep 2006:** B.Sc. in Electrical Engineering (Power Systems) , Khajeh Nasir Toosi University of Technology, Tehran, Iran.

- Final Project: "Feasibility study and design of upgrading a double-circuit 132 kV transmission line to a single-circuit 230 kV (Saravan and Souran in Sistan region)" , Granted 5000USD by Sistan regional Electric Company.

**Sept 1994- June 2001 :** Secondary School and High School, Diploma in Mathematics and Physics, National Organization for Development of Exceptional Talents (NODET), Iran

## **Professional Experiences**

**2005-2009:** Technical Unit, Transmission Line Department, **MOSHANIR**, an International Power Engineering Consultant Company (The Consultant Company serving to Iranian Ministry of Energy)

- Involved in several national and international transmission line projects as a technical consultant.
  - Iran (63,132,230,400 kV Lines)
  - Uzbekistan (500 kV Overhead TL)
  - Nigeria (330 kV Overhead TL)
  - UAE (HVDC Submarine cable)

## **Academic Experiences**

- 2018 – Present: **Assoc. Prof. Dr.**, *Eastern Mediterranean University (EMU), North Cyprus*
- 2017- 2018: **Asst. Prof. Dr.**, *Eastern Mediterranean University (EMU), North Cyprus*
- 2014- 2017 : **Asst. Prof. Dr.**, *Cyprus International University (CIU), North Cyprus*
- 2013– 2014 : **Asst.Prof.Dr.**, *Aryan Institute of Science and Technology, Babol, Iran.*
- 2013– 2014 : **Adjunct Asst.Prof.Dr.**, *Mazandaran University of Science & Technology (MUST), Babol ,Iran.*
- 2008-2009: **Prat Time Lecturer**, *Hadaf institute of Higher education, Sary , Iran.*

## **Administrative Experiences**

- 2020-Present : **Vice-Chair of Department of Electrical and Electronics Engineering**, *Eastern Mediterranean University (EMU), North Cyprus*
- 2020 – Present: **Post Graduate Committee Member**, *Eastern Mediterranean University (EMU), North Cyprus*
- 2017 – Present: **ABET Committee Member**, *Eastern Mediterranean University (EMU), North Cyprus*
- 2017 – Present: **Undergraduate, Curriculum & Transfer Committee Member**, *Eastern Mediterranean University (EMU), North Cyprus*
- 2017 – Present: **Laboratory Committee Member**, *Eastern Mediterranean University (EMU), North Cyprus*
- 2017 – Present: **Graduation Design Project Committee Member**, *Eastern Mediterranean University (EMU), North Cyprus*
- 2015- 2017: **Coordinator of Student Transfer Committee for the Faculty of Engineering**, *Cyprus International Unversity (CIU), North Cyprus*
- 2014- 2015 : **Coordinator of Summer Training.**, *Cyprus International University (CIU)*

## Languages

**English:** Fluent, **Turkish:** Intermediate, **Bahasa Malayu:** Elementary, **Arabic:** Elementary, **Persian:** Native

## Skills

Matlab , Simulink , Visual Basic , dSpace, GAMS (Energy and power system optimization) , PLSCADD, ETAP, CYME Power Engineering Software, Power World Simulator, Microsoft Office

## Selected Courses

Name of Course	University	No of Semesters
Power System Harmonics ( <b>Post Graduates</b> )	<i>CIU</i>	<i>4</i>
Power System Protection and Control ( <b>Post Graduates</b> )	<i>CIU + EMU</i>	<i>7</i>
Electric Machinery Theory ( <b>Post Graduates</b> )	<i>Aryan Uni.</i>	<i>1</i>
Switching Transients in Power Systems ( <b>Post Graduates</b> )	<i>CIU</i>	<i>1</i>
Power System Analysis (I) and (II)	<i>MUST Uni. + CIU + EMU</i>	<i>9</i>
Power Electronics	<i>CIU</i>	<i>4</i>
Power System Protection	<i>CIU + EMU</i>	<i>5</i>
Electrical Machinery / Electromechanical Energy Conversion	<i>MUST Uni.+ CIU + EMU</i>	<i>7</i>
Electromagnetic Theory (I)	<i>CIU</i>	<i>3</i>
High Voltage Techniques	<i>CIU + EMU</i>	<i>10</i>
Power Generation and Distribution	<i>EMU</i>	<i>4</i>
Advanced Mathematics for Engineering	<i>Aryan Uni.</i>	<i>1</i>

## Supervisions

Date	Student Name	Thesis Title
Feb 2020-ongoing	Asseb Pareed ( <b>PhD</b> ) from United Arab Emirates University (UAEU) (As Co-supervisor)	Power System Stability Using PMUs.
Feb. 2018-on going	AHMAD AL AHMAD ( <b>PhD</b> )	Optimal Planning of Energy Storage Systems in Power System Under High Penetration of Wind Turbines
Oct. 2018-on going	BIRKE DAVULCU ( <b>PhD</b> )	Providing an Optimal Tariff for Reactive Power in Turkish Republic of Northern Cyprus Electric Network
August 2020-on going	Murat Yakut ( <b>PhD</b> )	Design and Simulation of Photovoltaic-based STATCOM (PV-STATCOM) for Power Quality Improvement
Completed on June 2020	DIAA N.M. SALMAN ( <b>Master</b> )	Unit Commitment by Considering the Uncertainty of Renewable Energy Sources
Completed on Jan. 2020	NUMAN KHAN ( <b>Master</b> )	Optimal Allocation of Reactive Power Compensators in Transmission Networks Considering Wind Energy Uncertainty
Completed on Aug. 2019	ALAA IBRAHIM ( <b>Master</b> )	Transmission Network Expansion Planning Considering Wind farms

Completed on Sep. 2018	KHALID ELHADI ( <b>Master</b> )	DG and DSTATCOM allocation in the radial distribution systems considering the total harmonic distortion
Completed on Jan. 2017	TAIWO BABATUNDE ( <b>Master</b> )	Optimal Placement of DG for minimizing power loss, voltage deviation and harmonics in electrical distribution systems
Completed on Dec. 2016	JAMILU ABUBAKAR ( <b>Master</b> )	Power loss reduction and Voltage improvement by Inclusion of Wind Turbine as DG in Power Networks
Completed on June 2016	APANPA BASHIR ( <b>Master</b> )	Design of Passive Filters to Mitigate Power System Harmonics (CIU as case study)
Completed on June 2016	ASHIRU BELLO ( <b>Master</b> )	Transmission Line Fault Location Using Travelling Waves
Completed on Jan. 2016	HENRY UGOCHUKWU UKWU ( <b>Master</b> )	Optimization of Unit Commitment Using Improved Dynamic Programming
Completed on Jan. 2016	ZIAD HASSAN EL MOURAD ( <b>Master</b> )	Modelling and Simulation of Northern Cyprus Transmission Network to Compute the Power Losses
Completed on June 2015	BOLAN NOBOSSE TAFEM ( <b>Master</b> )	Voltage Stability Enhancement by Optimal Allocation of Reactive Power Compensators
Completed on Apr. 2015	CHINEDU FRANK OKWOSE ( <b>Master</b> )	Islanding Detection for Renewable-based Distributed Generation

### **Trainings and Workshops**

- Application of GAMS in solving power system related optimization problems workshop, June 2020
- GAMS (Energy and power system optimization) workshop, 18 October 2018
- The LATEX workshop, IEEE Student Branch, 10 July 2012.
- Research Tools workshop, IEEE Student Branch, 17 July 2012.
- RET Screen workshop, Assessment of renewable energy projects, 14 August 2012.
- Hybrid PV systems optimization workshop, 13 August 2012.
- Standalone PV systems Engineering Course, 2-3 July 2012.
- Homer Renewable Energy Software workshop, 7-8 May 2012.

### **Thesis Jury Member:**

- Feb 2020, Examiner of Master dissertation, Santhosh R. Mekala, Victoria University, Australia
- Sep 2020 , Master Thesis Defense, Amir Mollaei , Eastern Mediterranean University (EMU)
- Sep 2019, PhD Thesis Defense, Farzaneh Bagheri, Eastern Mediterranean University (EMU)
- Feb 2018 , Master Thesis Defense, Zubair Uthman , Eastern Mediterranean University (EMU)
- November 2017, PhD Thesis Defense, Mohsen Sedighi, Eastern Mediterranean Uni. (EMU)
- August 2017, Master Thesis Defense, John Mogah, Eastern Mediterranean University (EMU)
- August 2016, Master Thesis Defense, Percy E. Eugene, Cyprus International University (CIU)
- August 2016, Master Thesis Defense, Prince Efebere, Cyprus International University (CIU)
- August 2016, Master Thesis Defense, James Ikechukwu Ezema, Cyprus International University (CIU)

## **PUBLICATIONS**

### **Book / Book Chapters:**

- 1) **R.Sirjani** , “ Chapter 13 : Optimal Placement and Sizing of STATCOMs in Power Systems Using Heuristic Optimization Techniques“, a Book Chapter in “Static Compensators (STATCOMs) in Power Systems”, Springer, 2015, pp 437-476. ([https://link.springer.com/chapter/10.1007/978-981-287-281-4\\_13](https://link.springer.com/chapter/10.1007/978-981-287-281-4_13))
- 2) **R.Sirjani**, A.Mohamed , H.Shareef, “Optimal Capacitor Placement in Radial Distribution Networks”, Lambert Academic Publishing , Berlin , Germany. (ISBN: 978-3-659-31074-4), December 2012 : 1-133.
- 3) **R.Sirjani**, A.Mohamed , H.Shareef, “ Optimal Placement of Var Compensators in Transmission Networks”, Lambert Academic Publishing , Berlin , Germany. (ISBN: 978-3-659-31743-9), January 2013: 1-125.

### **Publications in SCI/ SCIE Journals:**

- 1) Shareef Hussain; Al Hassan Eslam; **Sirjani Reza**, Wireless Home Energy Management System with Smart Rule-Based Controller, *Applied Sciences (MDPI), Special Issue of CITIES: Energetic Efficiency, Sustainability; Infrastructures, Energy and the Environment; Mobility and IoT; Governance and Citizenship, 2020, 10, 4533, (Impact factor =2.217)*
- 2) Ahmad Khodor Ahmad , **Sirjani Reza** , Daneshvar Shahand, New hybrid probabilistic optimisation algorithm for optimal allocation of energy storage systems considering correlated wind farms, *Journal of Energy Storage, Volume 29, June 2020, 101335 (Impact factor =3.517)*
- 3) Elhadi Khalid, **Sirjani Reza**, Shareef Hussain, Performance Assessment of Pareto and Non-Pareto Approaches for the Optimal Allocation of Distributed Generation and Distribution Static Compensator in a Radial Distribution System, *Tehnički vjesnik – Technical Gazette* (Accepted for publication in September 2019) , *(Impact factor =0.644)*
- 4) Ahmad Khodor Ahmad , **Sirjani Reza** , Optimal Placement and Sizing of Multi-Type FACTS Devices in Power Systems Using Metaheuristic Optimisation Techniques: An Updated Review , *Ain Shams Engineering Journal*, Volume 11, Issue 3, September 2020, pp. 611-628 *(Impact factor =1.949)*
- 5) Khan Saad S., Shareef Hussain, Wahyudie Addy, Khalid S.N. and **Sirjani Reza**, Influences of Ambient Conditions on the Performance of Proton Exchange Membrane Fuel Cell Using Various Models , *Energy & Environment* , 30(6) , 1087-1110, September 2019. *(Impact factor =1.092)*
- 6) **Sirjani Reza**, Optimal Placement and Sizing of PV-STATCOM in Power Systems Using Empirical Data and Adaptive Particle Swarm Optimization, *Sustainability* 10(3), 727, March 2018. *(Impact factor =2.592)*

- 7) **Sirjani Reza**, Rezaee Jordehi A. , Optimal Placement and Sizing of Distribution Static Compensator (D-STATCOM) in Electric Distribution Networks: A Review, ***Renewable and Sustainable Energy Reviews***, Volume 77, Pages 688-694 , September 2017 , (*Impact factor = 10.556*)
- 8) **Sirjani Reza**, Optimal Capacitor Placement in Wind Farms by Considering Harmonics Using Discrete Lightning Search Algorithm, ***Sustainability*** 9(9), 1669, Sep 2017. (*Impact factor =2.592*)
- 9) **Sirjani Reza**, Hussain Shareef , Parameter Extraction of Solar Cell Models Using the Lightning Search Algorithm in Different Weather Conditions, ***Journal of Solar Energy Engineering: Including Wind Energy and Building Energy Conservation-ASME Transaction*** 138 (4), Pages 1-11, August 2016 , (*Impact factor =1.19*)
- 10) **Sirjani Reza**, Chinedu Frank Okwose, Combining two techniques to develop a novel islanding detection method for distributed generation units, ***Measurement***, Volume 81, Pages 66-79 , Mar 2016, (*Impact factor =2.791*)
- 11) **Sirjani, Reza**; Bade, Melkamu Gamene , A global harmony search algorithm for finding optimal capacitor location and size in distribution networks, ***Journal of Central South University***, Volume: 22 Issue: 5 Pages: 1748-1761 Published: May 2015 , (*Impact factor =0.973*)
- 12) **Sirjani, Reza**; Mohamed, Azah; Shareef, Hussain, Comparative study of effectiveness of different Var compensation devices in large-scale power networks, ***Journal of Central South University*** , Volume: 20 Issue: 3 Pages: 715-723 Published: March 2013, (*Impact factor =0.973*)
- 13) **Sirjani, Reza**; Mohamed, Azah; Shareef, Hussain, Optimal allocation of shunt Var compensators in power systems using a novel global harmony search algorithm, ***International Journal of Electrical Power & Energy Systems*** , Volume: 43 Issue: 1 Pages: 562-572 Published: DEC 2012 (*Impact factor =4.418*)
- 14) **Sirjani, Reza**; Mohamed, Azah; Shareef, Hussain, Optimal Placement and Sizing of Static Synchronous Compensators in Power Systems Using Improved Harmony Search Algorithm, ***International Review of Electrical Engineering-IREE***, Volume: 7 Issue: 2 Pages: 4183-4193 Part: B Published: MAR-APR 2012 , (*Impact factor =1.364*)
- 15) **Sirjani, Reza**; Mohamed, Azah; Shareef, Hussain, Optimal Placement and Sizing of Shunt FACTS Devices in Power Systems Using Heuristic Optimization Techniques: a Comprehensive Survey, ***Electrical Review (PRZEGLAD ELEKTROTECHNICZNY)*** , Volume: 88 Issue: 10B Pages: 335-341 Published: 2012 , (*Impact factor =0.244*)
- 16) **Sirjani, Reza**; Mohamed, Azah; Shareef, Hussain , Heuristic Optimization Techniques to Determine Optimal Capacitor Placement and Sizing in Radial Distribution Networks: A Comprehensive Review , ***Electrical Review (PRZEGLAD ELEKTROTECHNICZNY)*** , Volume: 88 Issue: 7A Pages: 1-7 Published: 2012, (*Impact factor =0.244*)
- 17) **Sirjani, Reza**; Mohamed, Azah; Shareef, Hussain, Optimal Capacitor Placement in Three-Phase Distribution Systems Using Improved Harmony Search Algorithm, ***International Review of Electrical Engineering-IREE***, Volume: 6 Issue: 4 Pages: 1783-1793 Part: B Published: JUL-AUG 2011 , (*Impact factor =1.364*)
- 18) **Sirjani, Reza**; Mohamed, Azah; Shareef, Hussain, Optimal placement and sizing of Static Var Compensators in power systems using Improved Harmony Search Algorithm, ***Electrical Review (PRZEGLAD ELEKTROTECHNICZNY)***, Volume: 87 Issue: 7 Pages: 214-218 Published: 2011, (*Impact factor =0.244*)

### **Publications in International Journals:**

- 1) A. Bello, **R.Sirjani** , " A Comparative Study of Different Traveling Wave Fault Location Techniques." *IOSR Journal of Electrical and Electronics Engineering* (IOSR-JEEE) 13.5 (2018): 71-85.
- 2) **R.Sirjani**, Software Tool for Optimal Placement and Sizing of Shunt Var Compensators in Power Systems, *Journal of Basic and Applied Research (Jbaar)* , 2 (2), 65-73, April 2016
- 3) Ch.F.Okwose , **R.Sirjani** , 'A Novel Method for Islanding Detection of Distributed Generation Units ', *GAU Journal of Social & Applied Sciences*, Vol. 7 , Issue 11, 195-201.(ISSN 1305-9130) , 2015
- 4) **R.Sirjani**, B.Hassanpour , "A New Ant Colony-Based Method for Optimal Capacitor Placement and Sizing in Distribution Systems", *Research Journal of Engineering, Technology and Applied Sciences*, 4(8): 888-891, 2012 (Scopus)
- 5) M.Farhoodnea, H.Zayandehroodi, M,Eslami, **R.Sirjani**, M.M.jafari and A.Forozia, "Power System Voltage Stability and Control- A Review", *Research Journal of Engineering, Technology and Applied Sciences*, 4(9): 1110-1116, 2012. (Scopus)
- 6) **R.Sirjani**, B.Hassanpour , "Technical and Economic Assessment of Upgrading a Double-circuit 63kV to a Single-circuit 230kV Transmission Line in Iran ", *Australian Journal of Basic and Applied Sciences*, 5(12): 2090-2097, December 2011. (Scopus)
- 7) **R.Sirjani**, A.Mohamed , H.Shareef, " Optimal Capacitor Placement in a Distribution Network with Nonlinear Loads Using Harmony Search Algorithm", *Australian Journal of Basic and Applied Sciences*, 5(6) , June 2011 , pp. 461-474. (Scopus)
- 8) **R.Sirjani**, A.Mohamed, H.Shareef, "Optimal Capacitor Placement in a Radial Distribution System Using Harmony Search Algorithm", *Journal of Applied Sciences*, Vol.10, No.23, September 2010,pp. 2996-3006. (Scopus)

### **Selected Conference Papers**

- 1) A. Alahmad, **R.Sirjani**, Optimal Allocation of Energy Storage System in Transmission System Considering Wind Power, Submitted to the 7th International Conference on Electrical and Electronics Engineering (ICEEE 2020) , April 14-16, 2020 , Antalya, Turkey
- 2) H.U.,Ukwu, **R.Sirjani**, Unit commitment in a power generation system using a modified improved-dynamic programming, HONET-ICT 2016, 103-107, TRNC, October 2016. (Indexed in IEEE Xplorer)
- 3) **R.Sirjani**, M.Kusaf, Optimal design of passive harmonic filters using Bee Colony Optimization, HONET-ICT 2016, 88-92, TRNC, Presented in October 2016. (Indexed in IEEE Xplorer)
- 4) **R.Sirjani**, E.C.,Okonkwo, A new wind power model using the lightning search algorithm, HONET-ICT, 2016, 93-97, TRNC, Presented in October 2016. (Indexed in IEEE Xplorer)
- 5) **R.Sirjani**, N.T. Bolan, An Improved Cuckoo Search Algorithm for Voltage Stability Enhancement in Power Transmission Networks, 18Th International Conference on Electrical Engineering: Theory and Application (ICEETA 2016), Rome, Italy, Presented in May 2016.

- 6) **R.Sirjani**, A.Mohamed , H.Shareef, “ A Hybrid BCO/HS Algorithm for Optimal Placement and Sizing of Static Var Compensators in Power Systems ”, 11th WSEAS/IASME International Conference on Electric Power Systems, High Voltages, Electric Machines (POWER '11), Presented in October 2011, Penang, Malaysia.
- 7) **R.Sirjani**, A.Mohamed, H.Shareef, “An Improved Harmony Search Algorithm for Optimal Capacitor Placement in Radial Distribution Systems” ,The 5th International Power Engineering and Optimization Conference (PEOCO2011), Presented in June 2011, Shah Alam , Malaysia. (Indexed in IEEE Xplorer)
- 8) Tabari, N.M.; Hassanpour, B.; Daneshi, H.; **Sirjani, R.**; A new fuzzy based approach for thermal units maintenance scheduling ; 45th International Universities Power Engineering Conference (UPEC2010),Cardiff, UK ,(Indexed in IEEE Xplorer)
- 9) Tabari, N.M.; Pirmoradian, M.; Hassanpour, B.; Daneshi, H.; **Sirjani, R.**; Generation maintenance scheduling in a deregulated power system and fluctuated market;45th International Universities Power Engineering Conference (UPEC2010),Cardiff, UK ( Indexed in IEEE Xplorer)
- 10) Tabari, N.M.; Pirmoradian, M.; Hassanpour, B.; Daneshi, H.; **Sirjani, R.**; Maintenance scheduling in a competitive environment from the GenCos' point of view, 45th International Universities Power Eng. Conference (UPEC2010) , Cardiff, UK ( Indexed in IEEE Xplorer)
- 11) Khaki, B.; Asgari, M.H.; **Sirjani, R.**; Mozdawar, A. ,Contribution of DFIG wind turbines to system frequency control ,IEEE International Conference on Sustainable Power Generation and Supply,. SUPERGEN '09, Portugal, April 2009. (Indexed in IEEE Xplorer)
- 12) **R.Sirjani**, B.Khaki, A.Pirayesh Neghab, A.Mehrtash ,A.Parastar, “a New Method for Increasing Competition in Transmission Network Planning”, IEEE International Conference on Sustainable Energy Technologies (ICSET2008), Presented in November 2008, Singapore. ( Indexed in IEEE Xplorer)
- 13) B.Khaki, B.Mozaffari, A.Mehrtash ,**R.Sirjani**,A.Parastar, “ Optimal Controller Design of SVC for system stability improvement”, IEEE International Conference on Sustainable Energy Technologies (ICSET2008), Presented in November 2008, Singapore. ( Indexed in IEEE Xplorer)
- 14) A.Parastar , A.Pirayesh B.Mozaffari, B.Khaki, **R.Sirjani**, A.Mehrtash, “ a New Method for Power Loss Allocation by Modified Y-Bus Matrix”, IEEE International Conference on Sustainable Energy Technologies (ICSET2008), Presented in November 2008, Singapore. ( Indexed in IEEE Xplorer)

## **Developed Software**

- Corona Losses Calculations and Right of Way in Transmission Lines Using Visual Basic, Moshanir Company, Iran, 2006.
- Optimal Placement of Shunt Var Compensators in Power Systems (OP SVC) , Using GUI-Matlab, Universiti Kebangsaan Malaysia, 2012.

## **Technical Speech**

- The Impact of Internet of Things (IoT) on Sustainable Development, As **Invited Speaker** to offer a seminar for the postgraduate course of Sustainable Development, Faculty of Architecture, Eastern Mediterranean University (EMU), 08 Nov 2019.
- Lightning Search Algorithm and its Application in Power System Optimization, as **Keynote Speaker**, The 2nd International Conference on Energy Resources and Sustainable Development (ICERSD2019), Wuhan, China, 16 March 2019.
- Components of Electrical Power Systems, Eastern Mediterranean University (EMU) , Faculty of Engineering, Nov 2017 , April 2018 , Nov 2018 , April 2019 , Oct 2019 and April 2020.
- Application of Guyed-Towers in Iran Transmission Network, as **Keynote Speaker**, Tehran International Exhibition Centre, Tehran, Iran, October 2009.

## **Professional Activities/Memberships**

- **Memberships**

**January 2011 to Present**      Member of IEEE and Power System Society (PES)

**April 2012 to April 2013**      Committee Member of IEEE UKM Student Branch

- **Paper reviewer**

- IEEE Access
- IET generation, transmission & distribution
- IET Renewable Power Generation
- IEEE Transactions on Industrial Informatics
- International Journal of Electrical Power and Energy Systems (Elsevier)
- Solar Energy (Elsevier)
- Applied Energy (Elsevier)
- European Transactions on Electrical power (Wiley)
- Journal of Electrical Engineering (Springer)
- Journal of Theoretical and Experimental Artificial Intelligence
- Journal of Solar Energy Engineering: Including Wind Energy and Building Energy Conservation

- **International Steering Committee**

- The 3rd International Conference on the Harmony Search Algorithm, held in Bilbao , Spain in February 2017
- 9th to 11th International Power Engineering and Optimization Conferences (PEOCO) , held in Malaysia, 2015-2017

- **International Technical Committee**

- 8th International Conference on Electrical And Electronics Engineering, ICEEE 2020, Antalya, Turkey, April 2021
- 7th International Conference on Electrical And Electronics Engineering, ICEEE 2020, Antalya, Turkey, April 2020
- The 2nd International Conference on Energy Resources and Sustainable Development (ICERSD2019), Wuhan, China, March 2019
- 16th International Conference on Clean Energy (ICCE-2018), North Cyprus , May 2018 (Session Chair)
- 13th IEEE HONET-ICT Conference, Kyrenia , North Cyprus, October 2016 (Session Chair)
- The 2nd International Conference on the Harmony Search Algorithm, South Korea , February 2015.
- Served as a reviewer for many conferences in Cyprus, Malaysia, Japan, Korea, Lebanon, Qatar, UAE, Indonesia, Germany and UK (2011-to date)

## **References**

### **Prof Dr. Azah Bt Mohamed**

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