

## Curriculum vitae

# Said Mahmoud M. Allam, M.Sc., Ph.D. Professor



## **Summary**

**Said M. Allam** was born in Basyun, Egypt in 1977. He received the B.Sc., M.Sc. and Ph.D. degrees in Electrical Power and Machines Engineering from Tanta University, Egypt in 2000, 2004 and 2009, respectively. He is currently a Professor at the Department of Electrical Power and Machines Engineering, Faculty of Engineering, Tanta University. His research interests are in Electrical Machines (Analysis and Control), Electrical Drives, Power Electronics and Renewable Energy.

#### **Personal Data**

Name: Said Mahmoud Mahmoud Allam

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# **Professional Experience**

2000-2005: Instructor at the Department of Electrical Power and Machines Engineering, Faculty of

Engineering, Tanta University, Tanta, Egypt.

2005-2009: Assistant lecturer at the Department of Electrical Power and Machines Engineering,

Faculty of Engineering, Tanta University, Tanta, Egypt.

2009-2017: Assistant Professor at Department of Electrical Power and Machines Engineering,

Faculty of Engineering, Tanta University, Tanta, Egypt.

2017-2022: Associate Professor at Department of Electrical Power and Machines Engineering,

Faculty of Engineering, Tanta University, Tanta, Egypt.

2022-Present: Professor at Department of Electrical Power and Machines Engineering, Faculty of

Engineering, Tanta University, Tanta, Egypt.

### **Education**

**B.Sc:** Faculty of Engineering, Tanta University, Tanta, Egypt in 2000 (Very Good with honor degree).

**M.Sc:** Faculty of Engineering, Tanta University, Tanta, Egypt in 2004.

**Ph.D:** Faculty of Engineering, Tanta University, Tanta, Egypt in 2009.

## **Teaching Activities**

- Electrical Circuits
- Electromagnetic fields
- Energy Conversion
- Electrical Machines Engineering
- Control of Electrical Machines
- Power Electronics
- Electrical Drives
- Electrical Machines Dynamics
- Renewable Energy Systems

#### **Research Interests**

- Performance Analysis of Electrical Machines
- Control of Electrical Machines
- Power Electronics
- Electrical Drives
- Renewable Energy Sources

## **Conferences**

- Thirteenth International Middle East Power Systems Conference, Assiut, Egypt, December 20-23, 2009 (MEPCON'09)
- Fourteenth International Middle East Power Systems Conference, Cairo, Egypt, December 19-21, 2010 (MEPCON'10)
- Fifteen International Middle East Power Systems Conference, Alexandria, Egypt, December 23-25, 2012 (MEPCON'12)
- Sixteen International Middle East Power Systems Conference, Ain Shams University, Egypt, December 23-25, 2014 (MEPCON'14)
- The 8<sup>th</sup> IEEE GCC Conference and Exhibition, Muscat, Oman, 1-4 February, 2015.

- Fourth International Conference on Electric Power and Energy Conversion Systems (EPECS 2015), American University of Sharjah, UAE, November 24–26, 2015
- Seventeen International Middle East Power Systems Conference, Mansoura University, Egypt, December 15-17, 2015 (MEPCON'15)
- 1<sup>st</sup> Future University International Conference on New Energy & Environmental Engineering "ICNEEE" April 11-14, 2016, Cairo, Egypt.
- The XXII<sup>th</sup> International Conference on Electrical Machines (ICEM'2016), Lausanne-Switzerland, September 4-7, 2016.
- Nineteen International Middle East Power Systems Conference, Mansoura University, Egypt, December 19-21, 2017 (MEPCON'17).
- 2019 IEEE International Symposium on Predictive Control of Electrical Drives and Power Electronics (PRECEDE), Quanzhou, China, 31 May-2 June 2019.
- 2019 12<sup>th</sup> International Symposium on Linear Drives for Industry Applications (LDIA), Neuchatel, Switzerland, Switzerland, 1-3 July 2019.
- 2019 22<sup>nd</sup> International Conference on Electrical Machines and Systems (ICEMS), Harbin, China, 11-14 Aug. 2019.
- 2020 IEEE 9<sup>th</sup> International Power Electronics and Motion Control Conference (IPEMC2020 ECCE Asia), Nanjing, China, 29 Nov.-2 Dec. 2020
- The 21<sup>st</sup> Middle East Power Systems Conference, MEPCON'2019, Tanta University, Egypt, December 17-19, 2019.
- The 2<sup>nd</sup> International Conference on Engineering Science and Technology (ICEST 2021) Luxor, Egypt | February 3-4,2021.
- The 22<sup>nd</sup> Middle East Power Systems Conference, MEPCON'2021, Assiut University, Egypt, December 14-16, 2021.
- The 25<sup>th</sup> Middle East Power Systems Conference, MEPCON'2024, Benha University, Egypt, December 17-19, 2024.

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- [2] <u>S. M. Allam</u>, M. A. El-Khazendar and A. M. Osheiba, "Performance Characteristics of a Self-Excited Single-Phase Reluctance Generator", The 2005 International Conference on Communication, Computer and Power (ICCCP'05), Muscat, February 14-16, 2005, pp. 205-210
- [3] <u>S. M. Allam</u>, M. A. El-Khazendar and A. M. Osheiba, "Dynamic Analysis of a Self-Excited Single-Phase Reluctance Generator," Electric Power Components and Systems, Vol. 34, No. 7, July 2006, pp. 725-738.
- [4] <u>S. M. Allam</u>, M. A. El-Khazendar and A. M. Osheiba, "Steady-State Analysis of a Self-Excited Single-Phase Reluctance Generator," IEEE Transaction on Energy Conversion, Vol. 22, No. 3, September 2007, pp. 584-591.
- [5] <u>S. M. Allam</u>, A. M. Azmy, M. M. Khater and M. A. El-Khazendar, "A Generalized Dynamic Model for Brushless Doubly-Fed Induction Machines," Engineering Research Journal (ERJ), Minoufiya University, Vol. 31, No. 4, October 2008, pp. 345-354.
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- [10] <u>S. M. Allam</u> and E. M. Rashad, "Minimum Requirements for Successful Self-Excitation of a Series-Connected Wound-Rotor Induction Generator," The 15<sup>th</sup> Middle East Power Systems Conference, MEPCON'2012, Alexandria University, Egypt, December 23-25, 2012.
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- [43] <u>Said M. Allam</u>, Design and performance analysis of an axially-laminated self-starting synchronous reluctance motor," Australian Journal of Electrical and Electronics Engineering, 2019, pp. 1-8.
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- [45] Mohamed G. Hussien, Wei Xu, Yi Liu and Said M. Allam, "Rotor Speed Observer with Extended Current Estimator for Sensorless Control of Induction Motor Drive Systems," Energies 2019, 12(19), 3613.
- [46] <u>Said M. Allam</u>, "Performance Analysis and Enhancement of a PV Fed Sensorless BLDC-Motor for an Efficient Water-Pumping System," The 21<sup>st</sup> Middle East Power Systems Conference, MEPCON'2019, Tanta University, Egypt, December 17-19, 2019.
- [47] Alaa Sh. Elghnam, <u>Said M. Allam</u> and Ahmed M. Azmy, "A Comprehensive Analysis and Control of DVR Operating Modes for Grid-Voltage Compensation," The 21<sup>st</sup> Middle East Power Systems Conference, MEPCON'2019, Tanta University, Egypt, December 17-19, 2019.
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