

Shaimaa Mohamed Farghaly
Assistant Professor



Summary

Shaimaa Mohamed Farghaly was born in Alexandria, Egypt, in 1986. She graduated from the Department of Electronics and Communications Engineering, Arab Academy for Science, Technology and Maritime Transport ([AAST](#)), Alexandria, Egypt, on June 2008, and received the M.Sc. degree from the Arab Academy on 2011 and the Ph.D. degree from the [University of Salford](#), UK, on October 2021.

From 2008 to 2011, she worked as a graduate teaching assistant then from 2011 to 2021 as an assistant lecturer. Currently, she is an Lecturer at the Electronics and Communications Department at the Arab Academy for Science and Technology, Egypt, where he is currently teaching undergraduate courses.

Her research interests include Wearable Antennas for Body Sensor Networks, Antenna analysis and design for ultra-wideband applications.

Degrees with fields, institution, and date:

Doctor of Philosophy Degree in Data Telecommunications and Networks, 10-2021. The University of Salford, UK.

Master of Science in Electronics and Communications Engineering, 09-2011. The Arab Academy for Science, Technology and Maritime Transport, Egypt.

Bachelor of Science in Electronics and Communications Engineering, 06-2008., The Arab Academy for Science and Technology, Egypt.

Education

- PhD (Data Telecommunications and Networks) University of Salford, UK
- M.Sc. (Wearable Antennas Engineering) Arab Academy for Science, Technology and Maritime Transport, Egypt.
- B.Sc. (Electronics and Communications Engineering)
Arab Academy for Science, Technology and Maritime Transport, Egypt.

Professional Experience

- Assistant Lecturer, Arab Academy for Science and Technology and Maritime Transport, Department of Electronics and Communications, August 2011 - 2021.
- Lecturer, Arab Academy for Science and Technology and Maritime Transport, Department of Electronics and Communications, January 2022 – present.

Selected Publications, Technical Reports & Presentations

- M. H. Al Sharkawy, D. A. El Aziz and S. Farghaly, "Bow-Tie Slot Antenna for Wrist Application Using proximity Coupling", IEEE APS, Middle East Conference on Antennas and Propagation (MECAP), Cairo, Egypt, 2010.
- S. M. Farghaly Sayed and O. Y. K. Alani, "A Dual-Mode Helical Antenna Design for On-and Off-Body Communication in Body Sensor Networks," 2016 3rd International Conference on Soft Computing & Machine Intelligence (ISCMI), 2016, pp. 239-243, doi: 10.1109/ISCMI.2016.18.
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More publications can be found in: <https://www.researchgate.net/profile/Shaimaa-Sayed>