
Education

- Ph.D., Electrical & Computer Engineering, Waterloo University, Canada, August 2010.
- M.Sc., Computers & Control Engineering, Tanta University, Egypt, 2003.
- B.Sc., Computers & Control Engineering, Tanta University, Egypt, 1998.

Academic Experience

- Prince Sattam Bin Abdulaziz University, Assistant Professor, Dec. 2016 until now, full time.
- Arab East Colleges for Graduate Studies, Assistant Professor, Feb. 2014- June 2016, full time.
- Computers & Control Engineering, Tanta University, Assistant Professor, 2010-2013, full time.
- University of Waterloo, Research & Teaching Assistant, Jan. 2006-August 2010, full time
- Computers & Control Engineering, Tanta University, Research & Teaching Assistant, Sep. 1998- Dec. 2005, full time.

Non-academic Experience

- Information Technology Center Manager, Faculty of Eng., Tanta Univ., Egypt, Dec. 2011-Oct. 2014.
- Technical Consultant, Supreme Council of Egyptian Universities, ICTP, Egypt, Dec. 2010, Dec. 2014.

Certifications or professional registrations

- Certificate of University Teaching Excellence (CUT), University of Waterloo, Ontario, Canada, 2010.
- Co-founder of IEEE Robotics & Automation (RAS) Egypt chapter.

Current membership in professional organizations

- IEEE Robotics & Automation (RAS) Egypt chapter.

Honors and awards

- Research Achievement award, University of Waterloo, Waterloo, Canada, 2012.
- PhD Completion award, University of Waterloo, Waterloo, Canada, April 2010- August 2010.

Service activities (within and outside of the institution)

- Reviewer for IEEE Transactions on Systems, Man, and Cybernetics; Part A: Systems & Humans.
- Reviewer for IEEE Transactions on Systems, Man, and Cybernetics; Part B: Cybernetics.
- Reviewer for IEEE Transactions on Systems, Man, and Cybernetics; Part C: Applications & Reviews.
- Reviewer for IEEE Transactions on Automatic Control.
- Reviewer for IEEE Transactions on Mechatronics.
- Reviewer for International Journal of Control and Intelligent Systems (ACTA Press).

- Reviewer for International Journal of Robotics and Automation (ACTA Press).
- Reviewer for International Journal of Modeling and Simulation (ACTA Press).

Most Important Publications and Presentations in the Past 7Years

- Khawater Elkhaiter, Ahmed M. Elmogy, "Children Monitoring System Using Mobile Devices, To Appear in International Journal of Computer Applications, Nov. 2017.
- Ammar Mohamed, Ahmed M. Elmogy, " A Framework to Reason about the Knowledge of Agents in continuous Dynamic Systems", (IJACSA) International Journal of Advanced Computer Science and Applications, Vol. 8, No. 4, May 2017.
- Majed Elmobadel, and Ahmed M. Elmogy, " Cloud Computing: Antecedents, Challenges, and Directions", in the proceeding of ICC Conference, March 2016.
- Eslam Mahmoud, Ahmed M. Elmogy, and Amany Sarhan, " Enhancing Grid Local Outlier Factor for Better Outlier Detection, Accepted for publication, International Journal of Artificial Intelligence and Machine Learning ", Jan. 2016.
- Alaa M. Khamis, Ahmed Hussein, and Ahmed M. Elmogy, " Multi-robot Task Allocation: A Review of the State-of-the-art", Book Chapter, Springer, May 2015.
- Amany Sarhan, Sally Mohamed Ali, and Ahmed M. Elmogy, " New Web Cache Replacement Approaches Based on Internal Requests Factor", 2014 9th IEEE International Conference on Computer Engineering & Systems (ICCES)), pp. 383-389, Dec. 2014.
- Ahmed M. Elmogy, Alaa M. Khamis, and Fakhri O. Karray, " Market-based Approach to Mobile Surveillance Systems", Journal of Robotics, Volume 2012 (2012), Article ID 841291, Oct. 2012.
- Ahmed M. Elmogy, Alaa M. Khamis, and Fakhri O. Karray, " Market-based Framework for Mobile Surveillance Systems", in the Proceeding of AIS International Conference, Aveiro, Portugal, June 25-27, 2012.
- Alaa M. Khamis, Ahmed M. Elmogy, and Fakhri O. Karray, "Complex Task Allocation in Mobile Surveillance Systems", International Journal of Intelligent & Robotic Systems, Springer, Jan. 2011.
- Ahmed M. Elmogy, Alaa M. Khamis, and Fakhri O. Karray, " Market-based Dynamic Task Allocation in Mobile Surveillance Systems", 2009 IEEE International Workshop on Safety, Security, and Rescue Robotics, Denver, USA, Nov. 2009.
- Ahmed M. Elmogy, Alaa Khamis, Fakhri O. Karray, "Dynamic Complex Task Allocation in Mobile Sensor Network," International Conference on Signals, Circuits and Systems (SCS'09), Djerba, Tunisia, Nov. 2009.
- Ahmed M. Elmogy, Fakhreddine O. Karray, Alaa M. Khamis, "Auction-Based Consensus Mechanism for Cooperative Tracking in Multi-sensor Surveillance Systems", Journal of Advanced Computational Intelligence and Intelligent Informatics, Aug. 2009.
- Ahmed M. Elmogy, Fakhreddine O. Karray, Alaa M. Khamis, "Auction-Based Consensus Mechanism for Cooperative Tracking in Multi-sensor Surveillance Systems, 4th International Conference Humanoid, Nanotechnology, Information Technology, Manila, Philipins, March 2009.

Briefly list the most recent professional development activities

- Training on Blackboard system to be used in teaching.