

Adham Alsharkawi

Education

- **Ph.D. Automatic Control & Systems Engineering, 2014-2017, University of Sheffield, UK.**
- **M.Sc. Advanced Control & Systems Engineering, 2012-2013, University of Manchester, UK.**
- **B.Sc. Mechatronics Engineering, 2006-2010, Tafila Technical University, Jordan.**

Academic experience

- **Part time Graduate Teaching Assistant (GTA), 2014-2017, University of Sheffield, UK.**
- **Full time Research & Teaching Assistant (RTA), 2011-2012, University of Jordan, Jordan.**
- **Part time Research & Teaching Assistant (RTA), 2010-2011, Jordan University of Science and Technology, Jordan.**

Current membership in professional organizations

Member of Jordan Engineers Association (JEA).

Honours and awards

Associate Fellow of Higher Education Academy (AFHEA).

Service activities

- **Reviewer for international journals, e.g. International Journal of Adaptive Control and Signal Processing.**
- **Reviewer for international conferences, e.g. Control Conference Africa (CCA) 2017.**

Selected publications and presentations

- **Alsharkawi, A. and Rossiter, J. A. (2017). Towards an improved gain scheduling predictive control strategy for a solar thermal power plant. *IET Control Theory & Applications*.**
- **Alsharkawi, A. and Rossiter, J. A. (2017). Modelling analysis of a solar thermal power plant. In *Proceedings of the 6th International Conference on Clean Electrical Power, Liguria, Italy, pages 694-69. IEEE*.**
- **Alsharkawi, A. and Rossiter, J. A. (2016). Gain scheduling dual mode MPC for a solar thermal power plant. In *Proceedings of the 10th IFAC Symposium on Nonlinear Control Systems, California, USA, volume 49(18), pages 128-133. Elsevier*.**

- **Alsharkawi, A.** and Rossiter, J. A. (2016). Dual mode MPC for a concentrated solar thermal power plant. *In Proceedings of the 11th IFAC Symposium on Dynamics and Control of Process Systems, including Biosystems, Trondheim, Norway, volume 49(7), pages 260-265. Elsevier.*
- **Alsharkawi, A.** and Rossiter, J. A. (2015). Distributed collector system: Modelling, control and optimal performance. *In Proceedings of the International Conference on Renewable Energy and Power Quality 2015, La Coruna, Spain.*