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L e c t u r e r
Menoufia University, Faculty of Electronic Engineering
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Email: r.shalaby@yahoo.com

Education:

Ph.D: PhD in Engineering Sciences (Dr. Eng.), Technical University of Berlin 2011

MSc: Electronic Engineering, Faculty of Electronic Engineering, Menoufia University, Egypt, 2003.

BSc: Electronic Engineering, Faculty of Electronic Engineering, Menoufia University, Egypt, 1997.

Current Position:

2011-Now: Researcher & Lecturer at the Faculty of Electronic Engineering, Menoufia University, Egypt.

Previous Work Experiences

2006-2011: PhD in Engineering Sciences (Dr. Eng.), Technical University of Berlin

2003-2006: Lecturer, Faculty of Electronic Engineering, Menoufia University, Egypt.

1997-2003: Demonstrator, Faculty of Electronic Engineering, Menoufia University, Egypt.

Research Interest:

- Automatic Control
- Process Control
- Fuzzy Systems

Recent Publications:

- R. Shalaby, T. Khalifa, and M. Ibrahim "A Novel Scheme for the Identification of Nonlinear Flow Control Process Based on Fuzzy Tuning Parameters", in Computer Engineering Conference (ICENCO), 2015 11th International, 2015.

- R. Shalaby, M. Shabaan, B. Abuzalam, M.A. Younes "Maximum Power Point Tracking Using Fuzzy Logic Control in Constant Voltage for Different Environmental Conditions" IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE), Volume 9, Issue 3 Ver. IV (May–Jun. 2014), PP22-27

- R. Shalaby, T. Schauer, W. Liedecke, and J. Raisch, "Amplifier design for EMG recording from stimulation electrodes during functional electrical stimulation leg cycling ergometry," Biomedizinische Technik / Biomedical Engineering, vol. 56, no. 1, pp. 23-33, 2011.

- E. Ambrosini, S. Ferrante, R. Shalaby, T. Schauer, C. Klauer, G. Ferrigno, and A. Pedrocchi "Integration of an EMG-based NMES controller with a passive exoskeleton to support daily upper limb activities". Proc. of the 16th Annual Conference of the International Functional Electrical Stimulation Society (IFESS 2011). São Paulo, Brasil: 2011, pp. 1-3.

- R. Shalaby, H. Nahrstaedt, T. Schauer, W. Liedecke, and J. Raisch, "Voluntary Muscle Activity Detection using a Single Pair of Electrodes for EMG-Controlled FES," Proc. of the 14th Annual Conference of the International Functional Electrical Stimulation Society (IFESS 2009), Seoul, Korea: 2009, pp. 69–71.