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Curriculum Vitae

Dr. Mohammed Abd-Elnaby Mohammed

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Faculty of Electronic Engineering, Menoufia University, Egypt



1-Personal information

Full Name	Dr. Mohammed Abd-Elnaby Mohammed		
Birth Date	21/6/1977	Place of Birth	Giza, Egypt
Nationality	Egyptian	Marital Status	Married
Current Position	Lecturer at Department of Electronics & Communications Engineering, Faculty of Electronic Engineering, Menoufia University, Egypt		
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2-Qualifications

Qualification	Place	Date
Ph.D	<i>Department of Electronics & Communications Engineering, Faculty of Electronic Engineering, Menoufia University</i>	2/5/2010
M.Sc	<i>Department of Electronics & Communications Engineering, Faculty of Electronic Engineering, Menoufia University</i>	14/8/2004
B.Sc	<i>Department of Electronics & Communications Engineering, Faculty of Electronic Engineering, Menoufia University</i>	2000

3-Employment History

From	To	Occupation	Place
2001	2004	Instructor	<i>Department of Electronics & Communications Engineering, Faculty of Electronic Engineering, Menoufia University, Egypt.</i>
2005	27/7/2010	Assistant Lecturer	<i>Department of Electronics & Communications Engineering, Faculty of Electronic Engineering, Menoufia University, Egypt.</i>

27/7/2010	Now	Lecturer	<i>Department of Electronics & Communications Engineering, Faculty of Electronic Engineering, Menoufia University, Egypt.</i>
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4-Teaching Experience

- 1) Computer Networks
- 2) Communication Engineering
- 3) Communication Systems
- 4) Mobile Communication
- 5) Neural Networks
- 6) Electronics
- 7) Electronic Circuits

5- Management Experience

Supervisor of ICDL unit at Faculty of Electronic Engineering.
Menoufia University, Egypt.

6- Research Interest

- 1) Wireless Networks
- 2) Mobile Communication
- 3) Medium Access Control (Mac) Protocols
- 4) Random Access Schemes
- 5) Personal Communications System
- 6) OFDM Systems
- 7) Cognitive Radio
- 8) Dynamic Spectrum Management

7- Publications

List of Ph.D Publications

- 1- M. R. Rizk, M. I. Dessouky, Sami. A. El-Dolil, and Mohammed Abd-Elnaby
"Near optimal fair delay based resource allocation for video traffic over wireless multimedia system" International Journal Computer Communications Vol. 31, No. 10, pp. 2360–2366, 2008, Elsevier.
- ** Also has been accepted for publication in International Journal of Wireless Personal Communications, Springer.
- 2- M. R. Rizk, M. I. Dessouky, Sami. A. El-Dolil, and Mohammed Abd-Elnaby
"Rate Estimation-Based Resource Allocation Algorithm with Minimized Piggybacking Overhead for Video Traffic over Wireless Networks" Twenty Fifth National Radio Science Conference (25th NRSC' 2008), March 18-20, 2008, Tanta Univ., Egypt.
- ** Also has been accepted for publication in The 6th ACS/IEEE International Conference on Computer Systems and Applications AICCSA-08.

- 3- M. R. Rizk, M. I. Dessouky, Sami. A. El-Dolil, and Mohammed Abd-Elnaby "Fairness And Throughput Enhancement-Based Random Access Using Fuzzy Controlled Backoff Interval" International Journal of Computers and Applications volume 31, issue 1, pp. 58-64, 2009, ACTA Press.
 - 4- M. R. Rizk, M. I. Dessouky, Sami. A. El-Dolil, and Mohammed Abd-Elnaby "A novel Fair Random Access Scheme with Throughput Optimization Using Fuzzy Controller for Wireless Systems" International Journal of Network Management Vol. 19, Issue 4, pp. 305-314, July/August 2009, Wiley.
 - 5- M. R. Rizk, M. I. Dessouky, Sami. A. El-Dolil, and Mohammed Abd-Elnaby "Efficient Access Scheme Using Fuzzy Controlled Sliding Backoff Window for Wireless Networks" 22th IEEE Canadian Conference on Electrical and Computer Engineering (CCECE 2009), pp.427-432, Newfoundland and Labrador, Canada, May, 2009.
- ** Also a revised version has been submitted to the International Journal of Computers & Electrical Engineering, Elsevier.
- 6- M. R. Rizk, M. I. Dessouky, Sami. A. El-Dolil, and Mohammed Abd-Elnaby, "Fair Queue Optimization-Based Resource Allocation Algorithm for Video Traffic over Wireless Multimedia System" UBICC Journal, Volume 2, No. 5, 2007.
 - 7- M. R. Rizk, M. I. Dessouky, Sami. A. El-Dolil, and Mohammed Abd-Elnaby "Efficient Sharing Based Contention Resolution Scheme for Wireless Local Area Networks" 5th International Computer Engineering Conference (ICENCO 2009), December 27-29, 2009, Cairo University, Egypt.

List of M.Sc Publications

- [1] " Dynamic Allocation TDMA MAC Protocol for Wireless ATM Networks" *Proc. of the Twentieth National Radio Science Conference (20th NRSC' 2003)*, March 18-20, Cairo, Egypt.
* Also: has been accepted for publication in *ITRE' 2003 Conference*, Newark, New Jersey, USA.
- [2] " An Intelligent Resource Management Strategy for Next Generation WATM Personal Communication Network," *The Proc. of the 46th IEEE International Midwest Symposium On Circuits & Systems (The 46th IEEE International MWSCAS)*, December 2003, Cairo, Egypt.
* Also: has been accepted for publication in *Minoufiya Journal of Electronics Engineering Research*, Vol. 13, No. 2, July 2003.
- [3] " Contention and Polling Based Multiple Access Control with Minimum Piggybacking for Wireless ATM Networks, " *21st National Radio Science Conference (21st NRSC' 2004)*, March 16-18, Cairo, Egypt.