

Curriculum Vitae

Dr. Mohamed M. A. Moustafa

Department of Telecommunication

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1. Personal Information

First Name / Sure Name: Mohamed Moustafa Abd El Aziz Moustafa

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2. Education

| Title of Awarded Degree | Name of Organization Providing Education | Principle Subject | Dates | |
|--|--|-------------------|-------|----------|
| | | | From | To |
| PhD: | Ain Shams University | Telecommunication | -- | Aug 2003 |
| Thesis Title: Multiple-Access Interference Mitigation in CDMA Systems | | | | |
| MSc.: | Faculty of : | | From | To |
| Thesis Title: | | | | |
| BSc. : | Faculty of : | | From | To |

3. Professional Experience

| Occupation | Name & Address of Employer | Main Activities & Responsibilities | Dates | |
|------------|--|---|----------|----------|
| | | | From | To |
| Lecturer | Egyptian-Russian University (ERU), Egypt | <ul style="list-style-type: none"> Lecturer of communications engineering Head of Telecommunication Engineering Department. | Feb 2012 | present |
| Lecturer | French University in Egypt (UFE), Egypt | Part-time lecturer of communications engineering, Electrical Communications & Electronics Engineering Department. | Jan 2008 | present |
| Lecturer | Al Asher of Ramadan University, Egypt | Part-time lecturer of communications engineering. | Feb 2013 | Jul 2013 |
| Lecturer | Akhbar El-Yom | Full time lecturer of | Aug 2007 | Aug 2011 |

| | | | | |
|----------|---|--|--------------------------------|------------------------------|
| | Academy, Egypt, | communications engineering, Electrical Communications & Electronics Engineering Department. - Communications & networks supervisor (land phone lines centrals & computers networks). | | |
| Lecturer | Thebes Academy, Egypt, Higher Institute of Engineering, Communication & Electronics Engineering Department. | - Full time lecturer. - Coordinator of the Communications Laboratory. | From Sep 2005 | To Nov 2006 |
| Lecturer | Misr International University (MIU), Egypt, Faculty of Engineering, Electrical Communication & Electronics Engineering Department. | Part-time lecturer. | From Feb 2007 | To Jul 2007 |

4. Discipline

| | | | |
|--------------------|---------------|-------------------|------|
| General Discipline | Communication | Principle Subject | ---- |
|--------------------|---------------|-------------------|------|

5. Professional & Technical Skills

6. Personal Skills

| Computer Skills | Self Assessment | | |
|-------------------------------------|------------------------|-------------|-------------|
| | Excellent | Good | Fair |
| MATLAB Programming/ Simulink | YES | | |
| C | YES | | |
| MS office | YES | | |
| Language Skills | Self Assessment | | |
| | Excellent | Good | Fair |
| English | YES | | |
| | | | |
| Other Skills | | | |

7. Scientific Activities

a. Publication:

18 Refereed Papers in IEEE/ACM International Conferences

- February'10 Mohamed M. A. Moustafa, "Trend Analysis Pilot Aided Channel Estimation in OFDM Systems", IEEE International Conference on Advanced Communication Technology (ICACT'10), Republic of Korea.
- February'10 Mohamed M. A. Moustafa, "OFDM/VSF-CDMA for DVB-H Communications", IEEE International Conference on Advanced Communication Technology (ICACT'10), Republic of Korea.
- June'09 Mohamed M. A. Moustafa "Multiuser Detection Using Backpropagation Networks For CDMA Systems", ACM International Wireless Communications and Mobile Computing Conference (IWCMC'09), Leipzig, Germany.
- May'09 Mohamed M. A. Moustafa and Salwa H. A. El Ramly, "Carrier Frequency Offset Compensation Using Radial Basis Networks for OFDM Systems", IEEE International Conference on Wireless Communications, Vehicular Technology, Information Theory and Aerospace & Electronics Systems Technology (WIRELESS VITAE'09), Aalborg, Denmark.
- April'09 Mohamed M. A. Moustafa "Threshold Decision Adaptive Modulation and Coding Schemes for OFDM Communications", IEEE International Conference on Wireless and Optical Communications (WOCN'09), Cairo, Egypt.
- April'09 Mohamed M.A. Moustafa and Salwa H. A. El Ramly, "Channel Estimation and Equalization using Backpropagation Neural Networks in OFDM Systems", IEEE International Conference on Wireless and Optical Communications (WOCN'09), Cairo, Egypt.
- April'09 Mohamed M. A. Moustafa and Salwa H. A. El-Ramly, "Dynamic Pilot Carriers Assignment for DVB-H System", IEEE International Conference on Wireless and Optical Communications (WOCN'09), Cairo, Egypt.
- February'09 Mohamed M. A. Moustafa, "Switched-Mode BLAST Technique for MIMO Communications", IEEE International Conference on Advanced Communication Technology (ICACT'09), Republic of Korea.
- March'08 Michael N. Abd EL Massih, Mohammed M. Abd EL Aziz and Salwa H. EL Ramly, "Using Turbo Codes with Layered Space-Time Coding for MIMO Wireless Systems", Radio Science Conference (NRSC'08), Egypt.

- February'06 | Mohamed MoustafaAbd-El Aziz, "The BER Performance of a Quasi-Orthogonal Minimum Output Energy Multiuser Detector for CDMA Systems in Nakagami Environment", IEEE International Conference on Advanced Communication Technology (ICACT'06), Republic of Korea.
- October'05 | Mohamed MoustafaAbd-El Aziz, "Multistage Quasi-Orthogonal Minimum Output Energy Multiuser Detector Analysis for Convolutionally Coded CDMA Systems in Frequency-Selective Fading", IEEE International Conference on Networking and Services (ICNS'05), Tahiti, French Polynesia.
- September'05 | Mohamed MoustafaAbd-El Aziz, "Multistage Quasi-Orthogonal Minimum Output Energy Multiuser Detector Analysis for Turbo Coded CDMA Systems in Frequency-Selective Fading", IEEE International Conference on Wireless Communications, Networking and Mobile Computing (WCNM'05), Wuhan, China.
- February'05 | Mohamed MoustafaAbd-El Aziz, "Performance Evaluation of a Multistage QOMOE Multiuser Detector for Turbo Coded CDMA Systems in Frequency-Selective Fading Environment", IEEE International Conference on Advanced Communication Technology (ICACT'05), Republic of Korea.
- January'05 | Mohamed MoustafaAbd-El Aziz, "Bit Error Rate Analysis of A Quasi-Orthogonal Minimum Output Energy Multiuser Detector for Convolutionally Coded CDMA Systems in Frequency-Selective Fading", IEEE International Conference On Personal Wireless Communications (ICPWC'05), New Delhi, India.
- September'04 | Mohamed MoustafaAbd-El Aziz and Salwa Hussein El-Ramly, "Performance Analysis of A Multistage Quasi-Orthogonal Minimum Output Energy Multiuser Detector for Turbo Coded CDMA Systems in Multipath Environment", IEEE International Vehicular Technology Conference (VTC'04F), Los Angeles, California, USA.
- September'04 | Mohamed MoustafaAbd-El Aziz and Salwa Hussein El-Ramly, "The Performance of A Multistage Quasi-Orthogonal Minimum Output Energy Multiuser Detector for Convolutionally Coded CDMA Systems in Multipath Environment", IEEE International Radio and Wireless Conference (RAWCON'04), Atlanta, Georgia, USA.
- September'04 | Mohamed MoustafaAbd-El Aziz and Salwa Hussein El-Ramly, "The Performance of A Quasi-Orthogonal Minimum Output Energy Multiuser Detector for Convolutionally Coded CDMA Systems In Multipath Fading", IEEE International Conference on Electrical, Electronic and Computer Engineering (ICEEC'04), Cairo Egypt.
- May'03 | Mohamed MoustafaAbd-El Aziz, Nabil Mohamed El-Nady and Salwa Hussein El-Ramly, "A Modified Adaptive Multiuser Detector for MC-CDMA Systems", IEEE Mediterranean Microwave Symposium (MMS'03), Cairo, Egypt.

b. Supervision:

| Degree | Thesis Title | Researcher Name | Start Date | Approval Date |
|---------------|---|------------------------|-------------------|------------------------|
| M.Sc. | Space-Time Coding for MIMO Wireless Communications Systems” | — | — | Defended January 2008. |
