

Curriculum Vitae



1. Personal Data :

Name: Salah Sayed Ibrahim Elagooz
Place & Date of Birth: Cairo, Egypt , 01-01-1959.
Nationality: Egyptian .
Marital status: Married
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2. Specialization :

- **General specialization:** Communications Engineering
- **Specific Field** : Wireless Communications Systems

3. Academic Rank : Professor

4. Academic Qualifications :

PhD: 1993, M.S: 1988, B.SC: 1981

5. Employment History:

- Professor: Oct. 2010
- Associate Prof.: Oct. 2000
- Assistant Prof.: Oct. 1993

6. Teaching Experience:

- Communications Theory.
- Information Theory and Coding.
- Digital and Analog Communications Systems.
- Electrical and Electronic Circuits.

7. Research Interests:

- Performance analysis and evaluations of communication systems.
- Mobile and satellite communication systems.

8. Publications:

- ❑ Zahraa Abd El-Hamid, Emad S. Hassan , Abdel-Halim A. Zekry, Salah S. Elagooz¹, Moataz Samir, Fathi E. Abd El-Samie " Effects of imperfect channel sensing and estimation on the performance of cognitive radio systems" Int J Commun Syst. 2019; doi: 10.1002/dac.4018.
- ❑ Zahraa Abd El-Hamid, Emad S. Hassan, Abdel-Halim A. Zekry, Salah S. Elagooz, Moataz Samir, Fathi E. Abd El-Samie "New multiple-input multiple-output-based filter bank multicarrier structure for cognitive radio networks", IET J. on Comm., May 2019; doi:10.1049/iet-com.2018.5706
- ❑ Sameh A. Fathy, Michael N. A. Ibrahim, Salah S. Elagooz, Hadia M. EL-Henawy, “ Efficient SLM Technique for PAPR Reduction in UFMC Systems 36th NRSC April 16-18,2019, Port Said, Egypt.
- ❑ Emad Abd-Elaty, Salah El-Agooz, Abd-Elhalem Zekry, “ Compact Spread Spectram LDACS Wavelet Based for DME Interference Mitigation”, 36th NRSC April 16-18,2019, Port Said, Egypt.

- ❑ **Khalil M. Elkhamisy, S. El-Rabaie, Salah S. Elagooz1, Hamdy Abd Elhamid, " Effects of Difference Surface Grating Shapes on Thin Film Solar Cell Efficiency " Int Conference on Innovative Trends in Computer Engineering, Aswan, Egypt, 2-4 February 2019**
- ❑ **M. A. Abd-Hamed, Abdelhalim Zekry, Salah S. Elagooz, and F. E. Abd El-Samie," Blind Selective Mapping for single- Carrier Frequency Division Multiple Access System" Digital Signal Processing, 25- 37, 2018, Elsevier.**
- ❑ **K. Ramadan, M. I. Dessouky, F. E. Abd El-Samie, and, S. Elagooz, " Virtual quadrature phase shift keying with low- complexity equalization for performance enhancement of OFDM systems", Elsevier: International Journal of Electronics and Communications, 2018.**
- ❑ **K. Ramadan, M. I. Dessouky, M. Elkordy, S. Elagooz, and F. E. Abd El-Samie," Joint low complexity equalization and carrier frequency offset compensation for underwater acoustic OFDM commun. at didderent channel conditions" Int. J. on Commun. Sys., John Wiley & Sons, Ltd, 2018.**
- ❑ **Ahmed Mohamed EL-Amin, Salah ELgooz, Alaa Rohiem, Essam Abd-Elwanees, "Survey of WiMAX 802.16 Networks: Threats, attacks, and Solutions"8th ICEENG 2012, Cairo, Egypt.**
- ❑ **Ahmed Mohamed EL-Amin, Salah ELgooz, Alaa Rohiem, Essam Abd-Elwanees, "Enhancement of WiMAX Mutual Authentication Protocol"8th ICEENG 2012, Cairo, Egypt.**
- ❑ **Ahmed Mohamed EL-Amin, Salah ELgooz, Alaa Rohiem, Essam Abd-Elwanees, "Design, Verification and Implementation of Enhanced WiMAX PKM Authentication Protocol (International Journal) [Published in the International Journal of computer science and telecommunications , England. volume 4 , Issue 3 ,March 2013 pages (41-46)].**