

## Personal Information



Tawfik Ismail, Ph.D., CEng, BSc (Hons), SMIEEE, OSAM

Zahraa EHMaadi, Cairo, Egypt, 11742  
 +20 100 91 81 536 +20 11 0139 7777 A33317760  
 tismail@cu.edu.eg tismail@niles.edu.eg  
<https://www.scopus.com/authid/detail.uri?authorId=36009912100>  
<https://scholar.google.com/citations?user=F581vQYAAAAJ&hl=en>  
<https://www.linkedin.com/in/tawfik-ismail-a1690b1a/>

Date of birth 19/08/1976 | Nationality Egyptian | Male | Married.

## Academic/ Research/ Technical Experiences (2001 - Present)

## Academic/Research Experiences

09/2024 – Present: College of Engineering, Taibah University, Medina, Saudi Arabia

- Professor in Telecommunication Engineering Program, College of Engineering
- Director of the Research and Innovation Unit, College of Engineering
- Member in Energy, Industry, and Advanced Technologies Research Center.



09/2023 – 08/2024: Faculty of Engineering, King Salam International University, Egypt

- Professor in Communication and Computer Engineering Program, Faculty of Engineering.



09/2023 – Present: National Institute of Laser Enhanced Sciences (NILES), Cairo University, Egypt

- Professor of Electronics and Communication Engineering,
- Head of Optical and Wireless Communications (OWC) Research Lab.,



09/2020 – 08/2024

- Adjunct Professor at Zewail City of Science and Technology, Egypt
- Member of the Electronics, Communications, & Information Technology (EICT) Committee, Academy of Scientific Research and Technology (ASRT), Egypt.
- Member of Digital Transformation & Information Technology Committee, Ministry of Youth and Sports, Egypt.



09/2018 – 08/2023: School of Engineering and Applied Sciences, Nile University, Egypt

- Associate Professor in the Department of Electronics and Computer Engineering (ECE),
- Director of Wireless Intelligent Networks Research Center (WINC),
- Director of Communication Engineering and Information Technology (CEIT) Master Program,
- ECE quality representative and academic advisor,
- Member of the Research, Innovation, and Development Committee (RIDC).



09/2018 – 08/2023: National Institute of Laser Enhanced Sciences (NILES), Cairo University, Egypt

- Associate Professor of Electronics and Communication Engineering,
- Head of Optical and Wireless Communication (OWC) Research Lab.
- Adjunct Professor in the Department of Communication and Computer Engineering, Faculty of Engineering,



06/2013 – 08/2018: Cairo University, Egypt

- Assistant Professor of Electronics and Communication Engineering, National Institute of Laser Enhanced Sciences,
- Adjunct Professor in the Department of Communication and Computer Engineering, Faculty of Engineering,
- Adjunct Professor in the Department of Mathematics/Computer Science, Faculty of Science.



04/2018 – 09/2018: University of Oxford, United Kingdom.

- Research Associate at the Department of Engineering and Science, University of Oxford, United Kingdom.



08/2017 – 03/2018, MNIT Jaipur &amp; IIT Delhi, India

- Visiting Professor at Malaviya National Institute of Technology (MNIT), Jaipur, India
- Visiting Professor at Indian Institute of Technology Delhi, India



05/2015 – 04/2016: Technical University of Graz/ Karl-Franzens-Universität Graz, Austria

- Research Associate at the Institute of Physic, Karl-Franzens-Universität Graz, University of Graz, Austria.
- Research Associate at the Institute of Microwave and Photonic Engineering, Technical University of Graz, Austria.



**05/2014 – 04/2015: American University in Cairo, Egypt**

- Research Associate at the Center for Nano-electronics and Devices, American University in Cairo, Egypt

**06/2014 – Present (Professional Training)**

- Visiting Professor at Information Technology Institute (ITI).
- Professional Trainer at Faculty and Leadership Development Center (FLDC), Cairo University, Egypt
- Professional Trainer at Technology Innovation and Entrepreneurship Center (TIEC), Egypt

**03/2003 – 05/2013: Cairo University, Egypt**

- Teaching Assistant (TA) of Electronics and Communication Engineering, National Institute of Laser Enhanced Sciences,
- Research Assistant (RA) in the department of Electronics and Communication Engineering, Faculty of Engineering, Cairo University.

**Technical Experiences.****09/2018 – Present**

- R&D and Solutions Architect in Networking, Information Security, IoT, Open-RAN, Fronthaul/backhaul Transmission.

**09/2019 – 08/2023: Director of Information Technology, Nile University, Egypt**

- Responsible for Nile University IP networks and services, including switches, firewall, virtualization, VoIP, wireless, Email, DNS, DHCP, website, backup, SIS, LMS, .... etc

**06/2013 – 05/2014: Deputy Director of Information Technology, Cairo University, Egypt**

- Responsible for Cairo University IP networks and running services, including planning, budgeting, data center, security, ... etc.

**09/2010 – 05/2013: Manager of Information Technology, Si-Ware Systems, Egypt**

- Responsible for planning, directing, managing, and overseeing the activities and operations of the IT Department, including installations, trouble-shooting and administrative tasks.

**07/2007 – 08/2019: Director of Services and Systems, TEData, Egypt**

- Responsible for network services management and security administration, including email, DNS, IPTV, and monitoring traffic over main lines and network activities.

**09/2001 – 06/2007: Senior networks and services administrator, EGYNET, Egypt**

- Responsible for international and national links, running services, and network security. Including Cisco routers, UNIX, Linux, and Windows servers.

- **Summary of Scientific Database**

|              | Recorded Publications | h-index | Citations |
|--------------|-----------------------|---------|-----------|
| Scopus       | 141                   | 17      | 1030      |
| Scholar      | 151                   | 20      | 1360      |
| ResearchGate | 160                   | 17      | 1155      |

- **Summary of Publications**

| Journals | Conferences | Books/ Chapters | Patents |
|----------|-------------|-----------------|---------|
| 53       | 86          | 5               | 1       |

- **Summary of Received Grants**

| Total Number of Grants | National | International | Total Fund in EGP |
|------------------------|----------|---------------|-------------------|
| 15                     | 14       | 1             | ≈850 K USD        |

- **Summary of Postgraduate Supervision**

|          | PhD | Master | Professional |
|----------|-----|--------|--------------|
| Current  | 4   | 7      | -            |
| Received | 5   | 8      | 11           |