

## Egypt Section

## Reporting Officer Name

### Students

List of Student Branches (SB) in your Section, the newly formed or dissolved SBs, if any since the last meeting reporting.

List of Student Branches (SB) in your Section:

1. October High Institute for Engineerin & Technology
2. Al-Azhar University - Faculty of Engineering
3. Benha University - Benha
4. Institute of Aviation Engineering and Technology
5. Arab Academy for Sci Tech & Maritime-Smart Village
6. Ahram Canadian University
7. Galala University
8. Suez Canal University
9. Zagazig University
10. Arab Academy for Science Tech & Maritime Transport
11. October 6 University
12. Tanta University
13. October University for Modern Sciences and Arts
14. Benha University
15. German University in Cairo
16. South Valley University
17. Nile University
18. British University in Egypt
19. Helwan University Faculty of Computer & AI
20. Arab Academy for Sci Tech & Maritime Trans-Cairo
21. Pharos University in Alexandria
22. Fayoum University
23. Kafrelsheikh University
24. Modern Academy for Engineering and Technology
25. Future University in Egypt (FUE)
26. Misr University for Science & Technology
27. Egypt-Japan University of Science and Technology
28. Port Said University
29. Aswan University
30. Akhbar El-Yom Academy
31. Arab Academy for Sci Tech & Maritime Trans-Aswan
32. Sohag University
33. Canadian International College (CIC)
34. El-Gazeera Higher Institute of Engineering & Tech
35. Higher Institute of Engineering and Technology
36. Helwan University - Mataria
37. Heliopolis University-Cairo
38. Suez University
39. Al-Safwa High Institute of Engineering
40. Egyptian Chinese University
41. Knowledge Hub Universities
42. Damietta University
43. Badr University in Cairo
44. Horus University-Egypt

45. Luxor University
46. Egyptian Academy for Engineering and Advanced Tech
47. Newgiza University
48. University of Hertfordshire-GAF
49. Nahda University
50. Egypt University of Informatics
51. Mansoura National University
52. Misr International University
53. Zewail City of Science and Technology
54. Ain Shams University
55. Cairo University
56. Al-Azhar University
57. Alexandria University
58. Mansoura University
59. Assiut University
60. Minia University
61. Menoufia University
62. Helwan University
63. Higher Technological Institute
64. American University in Cairo
65. Alexandria Higher Institute of Engineering & Tech
66. El Shorouk Academy
67. Higher Technological Institute-6th of October City
68. Beni-Suef University

The newly formed SBs

1. Obour Computer Science High Institute
2. Higher Inst of Eng and Tech, New Damietta

List the student meetings held and Section activities addressed to Students and Young Professionals.

**1. IEEE Egypt Ramadan IFTAR**

- IEEE SAC Egypt Organized the 2023 Iftar which hosted by IEEE NU SB. This event brought together IEEE Egypt Members from across Egypt for an evening of camaraderie.



## 2. IEEE PES Day Egypt Section

- Thanks to the dedicated efforts of IEEE Egypt Student Ambassadors and the diligent follow-up by IEEE SAC Egypt, the country celebrated IEEE PES Day three times this year. The first event, hosted by IEEE Horus Student Branch, covered more than eight universities in the Delta region. The second event took place online, bringing together universities in the Cairo region. The third and final celebration was a grand gathering for all IEEE Egypt Student Members, hosted by IEEE New Giza Student Branch. This triple success underscores the commitment of the IEEE community in Egypt to promoting knowledge and collaboration in the power and energy sector.



## 3. IEEE Xtreme Egypt

- The IEEE Egypt Xtreme Ambassadors achieved remarkable success this year, hosting the event with 272 competitors. Impressively, 12 teams from Egypt secured places in the top 100 globally, marking a significant achievement for the IEEE Egypt Xtreme community. This accomplishment reflects the dedication and talent of the participants, showcasing Egypt's prowess in the global programming landscape.



## 4. IEEE Day Egypt Section

- Under the diligent follow-up of the IEEE SAC Egypt team, coupled with the dedication of IEEE Day Ambassadors and volunteers from IEEE New Giza, the IEEE DAY Egypt 2023 event unfolded seamlessly. More than 400 IEEE student volunteers from over 35 universities across Egypt came together to make this celebration a resounding success. The event not only showcased the unity and enthusiasm within the IEEE community but also highlighted the impactful role of IEEE in bringing students together for a memorable experience.





### 5. IEEE Egyptian Student Paper Contest

- Since introducing the IEEE Sectional Student Paper Contest program in 2018, IEEE SAC Egypt proudly launched the first-ever Egyptian Student Paper Contest. Hosted by IEEE AAST Student Branch, this initiative saw active participation from 18 universities. The inaugural edition garnered positive feedback, highlighting the commitment and academic excellence of IEEE Egypt members. This contest signifies a significant stride in promoting research and scholarly achievements within the IEEE community in Egypt.



### 6. IEEE R8 Entrepreneurship Egypt – Let's Embark Event

- IEEE BUB Student Branch, along with its Ambassador, demonstrated outstanding entrepreneurship prowess, clinching both the IEEE R8 Entrepreneurship Best Ambassador and Event Award.



### 7. IEEE R8 SAC Workshop

- During the visit of IEEE Region8 SAC team to Egypt, IEEE SAC Egypt collaborated with IEEE BUB Student Branch to organize an insightful workshop. The session, facilitated by Region8 SAC members, provided valuable knowledge and insights into the activities of IEEE.



#### 8. Valeo Roadshow

- IEEE SAC Egypt and IEEE NGU Student Branch successfully hosted the Valeo Roadshow, a flagship program by Valeo Company. The event witnessed the enthusiastic participation of around 120 students.



#### 9. IEEE Galala SB Workshop

- In line with our vision at IEEE SAC Egypt to foster the skills of student branch volunteers, our IEEE People and Admin Officer conducted an insightful workshop for IEEE Galala Student Branch. The session focused on logistics skills, event planning, and management, equipping the volunteers with essential tools for successful execution.



### 10. IEEE R8 Computer Society’s Digital Transformation Workshop

- The Chair of IEEE SAC Egypt played a key role in the recent IEEE R8 Computer Society’s Digital Transformation Workshop. This event focused on current trends and challenges in the dynamic digital landscape.



### 11. SAC Egypt Partnerships & Collaborations

- IEEE SAC Egypt has facilitated collaborative opportunities and partnerships for all student branches. These deals not only strengthen the bonds between IEEE and leading organizations but also provide valuable resources and opportunities for growth to our student branches.



### 12. Student Branch Officers

- In an effort to enhance communication and collaboration among our student branches, IEEE SAC Egypt has launched a new initiative – the Student Branches Officers Night. Held every Friday, this dedicated platform provides an opportunity for student branch officers to come together, discuss pertinent topics related to their roles, and address any concerns or queries they may have. The initiative aims to foster a sense of community, encourage knowledge-sharing, and empower student leaders in their roles within the IEEE community. This regular gathering has already proven to be a valuable addition to our collaborative efforts within the section.





Affinity Groups

IEEE Egypt Consultants Network

1- Digital Transformation Workshop (August 2023)

**DIGITAL TRANSFORMATION WORKSHOP**  
DAY 1 - 23 AUGUST 2023 - NILE UNIVERSITY, MAIN AUDITORIUM

**09:00 - 10:00** Registration

**10:00 - 10:30** Opening Session

**10:30 - 11:30** Expert Talk Session

**11:30 - 12:00** IEEE Computer Society Session

**12:00 - 12:45** Keynote Session

**Speakers:** Ahmed Radwan, Ahmed Darwish, Nita Patel, David Bondurant, Hossam Fahmy, Ahmed Hassan, Khaled El-Attar, Ahmed Hazem El-Mohdy, Dr. Khaled E. A. Nigm, Megha Ben, Ömer Melih Gül, Sneha Hegde, George Proelker, Heba Aslan.

**Logos:** Nile University, IEEE Computer Society, IEEE Egypt Section, Research Office, Schools of Information Technology & Computer Science, IEEE Region 8, IEEE Computer Society Distinguished Visiting Program, IEEE Computer Society SVP Activities, IEEE.







2- Generation Z Entrepreneurs Business Strategy Hackathon for Digital and Electronics Pre-Startups (November 2023)



3- Generation Z Entrepreneurs Investor Pitching Session (December 2023)





**IEEE Egypt Young Professionals (YP)**

In addition to the IEEE YP Egypt annual programs, in 2023, the IEEE YP Egypt ExCom have developed a plan for the need to cooperate with various entities through technical sponsorship for scientific competitions and conferences, as well as cooperation with more technical societies in Egypt. Also, increasing cooperation with various industrial companies, which increases the IEEE YP Egypt impact on young professionals.

**Recognition Award: 2023 The Region 8 Young Professionals Affinity Group of the Year Award**





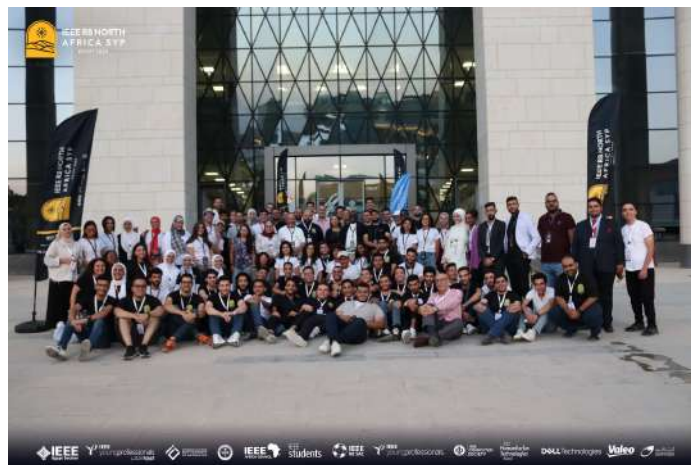
## Section I: Regional and Global Events

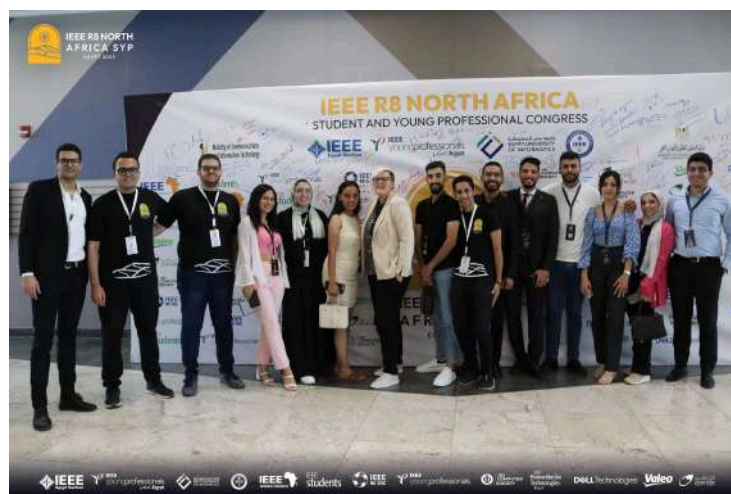
### Event #1: IEEE YP Egypt Organize the North Africa Student and Young Professional Congress (NASYP 2023)

IEEE Egypt Section had been known for its pioneering role since its establishment in 1955 to be the SECOND IEEE Section in Region 8, and IEEE Egypt Section is not only a section with a great history but also an effective role in the current engineering society, which supports by providing technical and non-technical activities through-out its different OUs, to make sure of the continuity of its pioneering role of serving society, and due to its pioneering role in the Region, IEEE Egypt Section and IEEE YP Egypt will host the IEEE North Africa Student and Young Professional Congress (NASYP 2023) this summer.

#### NASYP 2023 Dates

- From August 25-28 August 2023







Event #2: Empowering Future Innovators: Future Innovators: IEEE Mentoring!

**IEEE Mentoring-Meet**

IEEE Egypt Section | IEEE youngprofessionals | IEEE Mentoring-Meet | IEEE | SMART CITY

**Eng. Ziad Diab**  
Senior Business Intelligence Engineer

Track of:

**Data Analytics**

Ziad Diab is a Senior Business Intelligence Engineer with 6 years of experience in data and analytics. Driven by an unwavering passion for crafting innovative Data-Driven solutions, Ziad has taken the lead on a diverse array of analytical projects across several multinational companies. Also Ziad holding a master's degree in Management of Technology from Nile University with deep understanding of leveraging technology to optimize business strategies.

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**Eng. Mahmoud Ahmed**  
Embedded Software Architecture

Track of:

**Embedded Systems**

SWIFT ACT

Mahmoud Ayoub is an exceptional figure in the field of Embedded Software Architecture, noted for his impressive technical acumen and strong leadership capabilities. His career, spanning over a decade, marks him as a distinguished expert. Mahmoud has consistently demonstrated his ability to adapt to the changing technological environment, bringing innovation and advanced solutions to every role he has filled. In his current role as an Embedded Software Architecture Expert at Swift Act, Mahmoud is pivotal in guiding complex projects to successful completion.

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**Eng. Mariam Berty**  
Senior Technical Instructor

Track of:

**Cybersecurity**

I am an accomplished instructional designer and technical instructor with over a decade of experience in the dynamic field of educational technology. As the Senior Advisor for Customer/Technical Training at NetWitness, I excel in delivering cutting-edge cybersecurity courses to diverse audiences. My expertise extends to curriculum development, certification exams, and fostering interactive learning environments. With a solid background at RSA Security and Dell EMC, I have skilled in instructional design, technical support, and mentoring.

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**Eng. Nahel Amirah**  
Chair of IEEE TEMS EGYPT

Track of:

**Entrepreneurship**

Eng. Nahel Muhammad Amirah is an innovation expert in several organizations and his work includes managing many programs and projects related to innovations, design thinking and creative thinking methods. He is also the Manager of the EgyptInnovate Platform. He has more than 20 years of experience in multiple fields including Control Engineering, Project Management, Innovation Management, Entrepreneurships, and Implementing Technologies for Education.

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**Dr. Mohamed Fouad**  
Associate Professor in Computer ScienceSME

Track of:

**AI Applications**

Mohamed Mostafa Fouad, also known as Mohamed Elawael, holds the position of Head of the Educational Departments at the College of Computing and Information Technology, Smart Village Campus, Arabi Academy for Science, Technology, and Maritime Transport. Additionally, he serves as an Associate Professor in Computer Science. He has been an active member and Former Rapporteur of the National Committee for Communication and Information Technology at the Academy for Scientific Research and Technology (ASRT) since 2018.

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## Section II

### IEEE YP Egypt Main Programs

#### Program 1: Made in Egypt (MIE) Program 2023



#### Program 2: Volunteers Empowerment Program (VEP) 2023



### Program 3: NASA Space Apps Cairo 2023



### Program 4: Egyptian Engineering Day 2023 (EED) 2023





Program 5: IEEE YP Egypt STEP 2023



### Section III

#### IEEE YP Egypt Events in Technical Conferences

##### The International Microwave and Antenna Symposium (IMAS2023)

###### Event 1: IEEE YP Egypt Meet-Up and Panel Discussion IMAS2023

The first international fully sponsored IEEE conference in Africa International Microwave and Antenna Symposium-IMAS2023 will be held in Egypt at the German University in Cairo (GUC) from 6th of February 2023 to the 9th of February 2023. IMAS is the first international fully sponsored IEEE conference in Africa by the IEEE APS (Antenna and Propagation) and the IEEE MTT (Microwave Theory and Technology) societies.



The IEEE YP Egypt has an event included in the IMAS conference program from 6th to 9th February 2023. IEEE YP Egypt is the largest network of Academia Researchers, innovation practitioners and tech enthusiasts.

The event’s objective is to bridge the gap between industry and academia in Microwaves and Antennas. It would be a great opportunity for young professionals to network more and individually interact with panelists immediately following the panel to stimulate subsequent discussion.







### Event 2: IEEE YP Egypt Antenna Design Contest IMAS2023

Following the conference announcements, we are happy to share that the Antenna Design Contest that will be a part of IEEE IMAS (International Microwave & Antennas Symposium conference) and

#### The contest requirements:

1. A low cost and a low profit dedicated Antenna with high gain to operate at Bluetooth Range.
2. The antenna is to be placed in a metallic light column.

#### The antenna specifications:

1. Operating frequency: 2.4 GHz
2. Maximum allowed antenna Size: 10 cm X 5 cm
3. Antenna to be fed with a 90 degrees SMA connector



## Section IV

### IEEE YP Egypt Technical Sponsorship

#### Event 1: Technical Sponsor of the International Competition on Smart Innovation Technologies, IC-SIT'2023

In January 2023, we announced being a technical co-sponsor for the International Competition on Smart Innovation Technologies, IC-SIT'2023 in Alexandria. For all Students and IEEE Young Professionals!! Participate in the International Competition on Smart Innovation Technologies, IC-SIT'2023, July 19 – 20, 2023, Alexandria, Egypt. <https://lnkd.in/dXcN4uNt> Organized by IEEE Egypt AP-S / MTT-S Joint Chapter in Hybrid Mode. Registration is NOW Open - <https://lnkd.in/gGd-bg7c> (Register by February 15, 2023).

The competition is for high school students and students at universities and institutes and aims to stimulate students' interests and enable them to understand and experience the role of engineering in scientific and engineering innovation.

- The competition allows anyone to present and develop their experience on a global scale.
- All participants can face challenges that require practical participation and thinking outside the box.
- Challenge Areas: <https://lnkd.in/gTqEg7Ka>
- Register at: <https://lnkd.in/gGd-bg7c>
- Proposal Template: <https://lnkd.in/deMqFXUh>
- Proposal Submission: [https://lnkd.in/gJYH\\_3Fq](https://lnkd.in/gJYH_3Fq)



#### International Competition on Smart Innovation Technologies, IC-SIT'2023

July 16 – 17, 2023, Alexandria, Egypt.



#### The IC-SIT'2023 Technical Sponsor



**Event 2: Technical Sponsor of the Second International Science and Engineering Innovations Competition (ISEIC'2023)**

The IEEE Young Professionals Egypt will be a technical sponsor for the Second International Science and Engineering Innovations Competition (ISEIC'2023), which will be held on 1-2 May 2023 at Air Defense College, Alexandria, Egypt. For more information about the ISEIC'2023: <https://iseic-adc.org/#hero>



**SPONSORS**



### Event 3: Technical Sponsor of the Project Competition in the International Telecommunications Conference (ITC EGYPT ADC 2023) Conference

In May 2023, IEEE Young Professionals Egypt will continue collaborating with the IEEE prestige conferences. This time the collaboration with The International Telecommunications Conference (ITC EGYPT ADC 2023) conference, as being a technical co-sponsor for the project competition, which will be held during the conference activities from July 18-20, 2023, at Air Defense College, Alexandria, Egypt.

- All undergraduate engineering students are invited to submit a one-page proposal to the ITC-Egypt'2023 and demonstrate their engineering skill, talent, and capability of defending their innovative ideas through posters and seminars.
- Project posters are intended to cover all areas of interest as listed in the conference topics.
- The participating students could attend all the conference activities, free of charge.

#### Competition Important Dates:

- Submission deadline: May 1, 2023
- Acceptance Notification: June 1, 2023

#### Competition Prizes:

- 1st Place: Receive a cash award of 10000 EGP.
- 2nd Place: Receive a cash award of 8000 EGP.
- 3rd Place: Receive a cash award of 6000 EGP.

To know more information about the project competition and how to apply: <https://www.itc-egypt-adc.org/proj.php#authorr>





Section V

IEEE YP Egypt Collaboration with IEEE Woman in Engineering (WIE)

Event 1: The 1st IEEE Mobile Application Development Bootcamp (MoDev Bootcamp'2023)

We are starting 2023 with a collaboration with IEEE Egypt Women in Engineering (WIE) Affinity Group in an amazing bootcamp for the mobile application development.

- Dates: 4-6 February 2023
- Venue: Online

IEEE young professionals Egypt

IEEE WIE Egypt Section

IEEE Egypt Section

**Mobile Application Development Bootcamp**  
**"PROMOTING APPLICATIONS FOR WOMEN SAFETY AND WOMEN LIFE COACHING"**  
**(IEEE WIE MoDev Bootcamp'2023)**

Organized by IEEE WIE Egypt  
 In Collaboration with IEEE Young Professionals Egypt

Don't miss your chance to join these amazing sessions!

Flutter  
android

**This bootcamp program will cover:**

- The contents will include "Flutter" and "Android" Mobile Development Skills. Awareness on how the advancement and the latest mobile solutions technology might make the world a safe home for females and support women Life Coaching.
- Highlight mobile self-management health care apps with human and women life-coaching.
- It will be conducted online through ZOOM

☐ Certificates will be offered to attendees ☐

**Instructors:**

Eng. Shokafa Parfy TA at school of information technology and computer science Nile University	Eng. Amr Tarek Instructor at school of information technology and computer science Nile University	Eng. Younes Elweary TA at Computer Engineering AASTMT	Eng. Younes Salah Mobile Applications Developer at Kofitbase Integrated solutions

Register now for free!!!  
 Date: 4-6 February 2023

Website: <https://rb.ieee.org/egypt-wie/>

IEEE Egypt Women in Engineering Affinity Group

## Section VI

### IEEE YP Egypt with Egyptian Woman Collaboration

#### Event 1: IEEE YP Egypt Partnership with the Women in Data Science (WiDS) Cairo

In February 2023, we announced that IEEE Young Professionals Egypt has a partnership with Women in Data Science (WiDS) Cairo on their International Women's Day in Egypt!! WiDS is a conference that focuses on showing off the contribution of females toward the community in various fields! The event is FREE and open to both genders. Get ready to be inspired by original success stories, and their authors live on the 11th of March 2023 at Nile University.

The FB event: <https://web.facebook.com/events/822099242215019>



## Section VII

### IEEE YP Egypt Community Service Collaboration

#### Event 1: IEEE YP Egypt Partnership with the Egypt International Science and Technology Fair (EISTF)

In February 2023, we announced that IEEE Young Professionals Egypt has a partnership with EISTF!

The Egypt International Science and Technology Fair is Egypt's largest international science competition for secondary school and university students, and it will take place this year in Educational on October 6, from February 24 to 26, 2023!

At EISTF, participants have the opportunity to present their research projects in various categories such as biology, medicine, mechanical and electrical engineering, physics, astronomy, computer science, chemistry, environmental sciences, behavioral and social sciences, etc.

You can get 40% off your ticket right now by using the promo code "IEEEYPEGYPT" at this link:  
<https://www.easykash.net/NWA9368>

**In collaboration**  
**with EISTF**

- 📍 Education City - 6th of October
- 📅 From 24 to 26 February 2023
- 🕒 Starting at 09:00 AM
- 🎟️ promo code "IEEEYPEGYPT"

IEEE youngprofessionals Egypt | IEEE Egypt Section | EISTF



## Section VIII

### IEEE YP Egypt Partnership with Industry

#### Event 1: IEEE YP Egypt Partnership with Valeo Egypt

In March 2023, IEEE Young Professionals Egypt was announced the launch of the Valeo TechBites webinar series in partnership with Valeo Egypt. Techbites will take you through a wide variety of technology trends and applications in the automotive industry through the Valeo team of experts who will guide you through different technology flavors and help you to get prepared for the different industry needs. Valeo TechBites will be 4 sessions and was take place through 2 webinars per week starting at 9:00 PM. The TechBites attendees was +2500 from all over Egypt.



**TECH BITES**

**Software Testing in the Automotive Industry**

**Mohamed El Sobky**  
Software Testing & Simulation Senior Expert

Online Webinar  
Monday APRIL 3rd

Experience Technology on Your Plate!

IEEE Region 8 | IEEE Young Professionals | IEEE



**TECH BITES**

**Using AWS in Automotive Industry**

**Islam Adel**  
Artificial Intelligence Expert

Online Webinar  
Thursday APRIL 6<sup>th</sup> | 9:00 PM

Experience Technology on Your Plate!

IEEE Region 8 | IEEE Young Professionals | IEEE



**TECH BITES**

**Diving in the World Of Embedded Linux**

**Bishoy Wasfey**  
Embedded Linux-Based Telematics Expert

Online Webinar  
Monday April 10<sup>th</sup> | 9:00 PM

Experience Technology on Your Plate!

IEEE Region 8 | IEEE Young Professionals | IEEE



**TECH BITES**

**The World of Model Based Design**

**Mohamed AbdelTawab**  
Senior Chief Software Engineer

Online Webinar  
Wednesday April 12<sup>th</sup> | 9:00 PM

Experience Technology on Your Plate!

IEEE Region 8 | IEEE Young Professionals | IEEE

## Event 2: IEEE YP Egypt Partnership with DELL Technologies Egypt

5G

AI

Edge Computing

Cybersecurity

**DELL IN CLASS**

Dell Technologies is organizing a series of Tech Talks in collaboration with IEEE Young Professionals Egypt and GUC

Mark your Calendars in September to attend the series of 4 sessions - Make sure to attend the first 3 sessions to unlock the last one!

Stay tuned for more details!

**DELL IN CLASS**

**Revolutionizing Connectivity: The Convergence of 5G and AI**

**Mohamed Abouzeid**  
Software Engineering Manager, Teleco  
Engineering Business Unit  
Dell Technologies

**Sunday, September 10th, at 5:00 PM to 06:30 PM**

Mohamed Abouzeid has been enabling and implementing machine learning / deep learning algorithms and co-authored 13 patents in technology forecasting and in enabling secure machine learning in federated paradigm.



**DELL IN CLASS**

**Edge Compute: "The Key to Unlocking the Potential of Real -Time Data Processing"**

**Eman Khaleid**  
Technical Serviceability Engineer lead at ISG  
Service Engineering  
Dell Technologies

**Sunday, 17th September at 05:00 PM**

With over 10 years of industry experience, Eman possesses a deep understanding of diverse IT domains, including Telco, Edge, Virtualization, and Storage. Her expertise extends to the cutting-edge realms of 5G and Edge technologies, as evidenced by her numerous publications and speaking engagements on these subjects. Eman's resourcefulness also extends to her role as a Design Thinking Coach, driving innovation and problem-solving with a passion for technology and a wealth of knowledge.

**DELL IN CLASS**

**Zero Trust Security: Unleashing the Power of End-to-End Protection**

**Omar Abdullaal**  
Research & Innovation and Software Engineering Leader  
Dell Technologies

**Sunday, 24th September at 05:00 PM**

Started his career in Software Engineering, the love for exploring untapped and new areas led him to work in Research and Innovation. He has built 9+ years of experience in different domains, AI&ML, DevOps, Cybersecurity and Intelligent Infrastructure. Omar has multiple patents filed in the US patent office and has a vision for Egypt emerging as a frontrunner in research and technological innovation. Besides enthusiasm for technology, Omar is a self-proclaimed car aficionado and has a passion for anything on wheels.



**DELL IN CLASS**

**5G: Technical Insights and Business Strategies for Competitive Advantage**

**Monday, 25th September at 12:00 PM**

**GUC Campus**

Ahmed Gaama is a technology leader with a track record of establishing & leading world-class Software Engineering teams for Dell Technologies. He currently spearheads a global Product Engineering organization building Dell's new 5G portfolio. Ahmed engages with teams from all over the world across all stages of building new products; from research and releasing MVPs to launching the product and liaising with customers.

Mohamed Naerallah is a Telecom Engineer with 15+ years of experience in networks architectures and introduction of new technologies. Assisted multiple mobile network operators mainly in the MENA region in introduction of new technologies while leading the engineering team before joining dell as 5G software development manager.



## Section IX

### Social Activities 2023

#### Event 1: Iftar Ramadan for Egypt Section 2023

This gathering happens every year where all YP members and SB Officers from all around Egypt gather on one table with each other and with the officers of the IEEE Egypt Section, IEEE YP Egypt, and SAC Egypt. It is a great opportunity to get closer to all YP members and SB officers and the section/YP/SAC officers and may open gates for more collaboration and information.

- Venue: Nile University (IEEE NU SB)
- Date: Friday, 14 April 2023
- Time: 4:00 PM to 8:30 PM





**Event 2: IEEE YP Egypt VEP Program Iftar Ramadan 2023**



**Event 3: IEEE YP Egypt MIE Program Iftar Ramadan 2023**



## **IEEE Egypt Women in Engineering (WIE)**

### **EVENT 1: The 1st IEEE WIE Regional Forum for Enhancing Education and Gender Inclusion for Energy Transition and Climate Action in MENA Region**

#### **Forum Description**

A Great Successful Forum and IEEE Egypt WIE Activities during "The Regional Forum for Enhancing #Education and #Gender Inclusion for #Energy Transition and #Climate Action in MENA", Organized and hosted by Arab Academy for Science and Technology (AASTMT) - College of Engineering & Technology, Monday 30<sup>th</sup> OCT 2023.

🌍 This comes in cooperation with the #World Bank, the Regional Network for Women in Energy (#RENEW MENA), the International Energy Support Program (ESMAP), and the #IEEE WIE Egypt Section. Many experts from Egypt, foreign and Arab countries are participate in the forum (USA, Canada, Algeria, Tunisia, Lebanon, Greece, ... etc.).

🌟 Student Activities & discussion panels to promote education, STEM and enhance the role of women in technology & climate change-resistant societies and to enhance youth participation in mitigating the effects of climate change, in order to achieve the goals of sustainable development.

It was a Bright opportunity to communicate, exchange ideas, knowlege and experiences on successful strategies and initiatives, and cooperate to serve as a platform through which educational programs and capacity building can be developed to include gender as a driver of the energy transition and climate change.

🌟 The forum included several interesting sessions addressing many topics concerning jobs in the new energy model and youth participation in mitigating the effects of climate change. The role of the private sector in the energy transition, as well as how to develop education programs that respond to climate and energy action.

🌟 Great thanks to our steemed speakers and panelist Elisabeth Maier, Amira El Mazni, Affouda Léon Biaou, Tu Chi Nguyen, Mostafa Abdel Gelil, Nihal Samaha, George Victor and Raei Sameh. Moving towards the energy transition and developing clean energy in countries in the Middle East and North Africa region, encouraging the improvement of working conditions in the public and private sectors, combating prevailing gender stereotypes on the role of women in the fields of science, technology, engineering, and increasing the visibility of women in this sector. As well as promoting employment, entrepreneurship and financial inclusion.

#### **Why WIE Regional Forum for Enhancing Education and Gender Inclusion for Energy Transition and Climate Action?**

- Enhancing Education and Gender Inclusion in Egypt.
- Promote Energy Transition and Climate Action in Egypt and MENA
- Promote Women in Technology and Climate-Change Resilient Societies
- Inspiring youth in awareness on how climate change will impact societies
- Propose innovative solutions for green technology for Egyptian society and MENA.
- Advance youth participation in Climate Change Mitigation
- Encourage and inspire Women Jobs in new energy paradigm
- Empower Women in Technology, Energy and Climate-Change Resilient Societies
- Implement the First RENEW MENA event in Egypt to inspire Women and Gender inclusion
- Enhancing IEEE WIE technical leadership position in climate actions and new solutions for green energy.
- Engaging Women, young girls, Egyptian young professionals and students in energy solutions.
- Demonstrate the role of the IEEE WIE in solving environmental and societal problems in the public life of Egypt.

- Collaborate between the IEEE WIE Egypt and the regional Network of Women in Energy – World Bank – and involve students and young professionals to propose solutions for Egypt's problems in energy and Climate Change.
- Addressing the challenges existing in pollution, energy and climate change on a regional basis (Africa and MENA).
- Fostering the role of IEEE WIE to be part of Education programs responding to climate action and energy with gender inclusion.
- Encourage partnership with private and public sectors in planning new solutions for climate action mitigation.

### **Forum Organizers**

**The IEEE Women in Engineering Egypt Section** focuses on the theory, analysis, design, practical implementation of circuits, and circuit theory to systems and signal processing in industry and academia. The Chapter provides a forum where participants can network, learn and exchange ideas in a welcoming, professional environment.

### **The Regional Network of Energy for Women RENEW in the Middle East and North Africa**

**IEEE Egypt Section, IEEE Egypt.**

### **Forum Host**

**The Arab Academy for Science, Technology and Maritime Transport (AASTMT)** is a non-profit organization belonging to the League of Arab States, in Egypt. Founded in 1972, working in Education, training and consultation, with the support of the Egyptian Ministry of Higher Education and United Arab League. The AASTMT have several assets which we will depend on it like several spaces for teams to work on their projects. Also, a big auditorium to host the opening and closing sessions.

### **Forum Collaborator**

- World Bank, RENEW MENA Co-TTL experts
- Regional Center for Renewable energy and Energy Efficiency (RCREEE)
- Energy Specialist and Program leader in World Bank
- Egyptian Gas Regulatory Authority (GasREG)
- Private Sector “Infinity Group”
- Egyptian Electricity Transmission Company (EETC)

### **Forum Organizing Committee**

<b>Position</b>	<b>Chair</b>	<b>Affiliation</b>
Forum Chairs	Prof. Sherin Youssef	IEEE WIE Egypt Chair
Forum organizers	Dr. Magi Mashaly	IEEE WIE, Egypt, Treasurer
	Dr. Rania Assem Eng. Yousra Assaker	IEEE WIE, Egypt RENEW MENA
Program manager	Dr. Eman Azab	IEEE WIE, Egypt Secretary
	Dr. Mohamed Ramzy Eng. Eman Hamdy	AASTMT, Egypt AASTMT, Egypt
Social Media Officer	Eng. Noha Sobhi Dr. Nezar ElShenawy	IEEE Egypt WIE AASTMT, Egypt





**Forum Speakers**



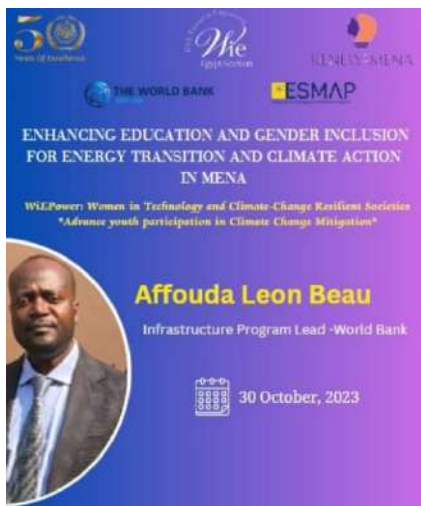
50 Years of Excellence THE WORLD BANK ESMAP RENEW MENA

ENHANCING EDUCATION AND GENDER INCLUSION FOR ENERGY TRANSITION AND CLIMATE ACTION IN MENA

WIEPower: Women in Technology and Climate-Change Resilient Societies  
"Advance youth participation in Climate Change Mitigation"

**Ms. Nadia Shioukh**  
international Cooperation and Communication Manager  
Algeria  
30 October, 2023

**Eng. Yosra Assaker**  
Senior Energy Specialist,  
The World Bank  
30 October, 2023



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"Advance youth participation in Climate Change Mitigation"

**Affouda Leon Beau**  
Infrastructure Program Lead -World Bank  
30 October, 2023



50 Years of Excellence THE WORLD BANK ESMAP RENEW MENA

ENHANCING EDUCATION AND GENDER INCLUSION FOR ENERGY TRANSITION AND CLIMATE ACTION IN MENA

**Eman Adel**  
A Sustainable Energy Expert at RCREEE with demonstrated experience in renewable energy, energy efficiency, and climate change projects in the MENA region.  
30 October, 2023

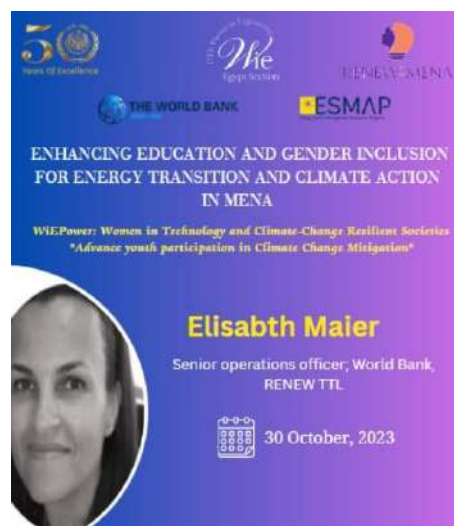


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WIEPower: Women in Technology and Climate-Change Resilient Societies  
"Advance youth participation in Climate Change Mitigation"

**Eng. Amira ElMaznyi**  
GasREG board member  
RENEW SC member  
30 October, 2023



50 Years of Excellence THE WORLD BANK ESMAP RENEW MENA

ENHANCING EDUCATION AND GENDER INCLUSION FOR ENERGY TRANSITION AND CLIMATE ACTION IN MENA

WIEPower: Women in Technology and Climate-Change Resilient Societies  
"Advance youth participation in Climate Change Mitigation"

**Elisabth Maier**  
Senior operations officer, World Bank,  
RENEW TTL  
30 October, 2023





## Forum Prizes



## Forum Participation Guidelines (Eligibility Criteria)

- Participants from all universities and high schools are welcome.
- Participate alone or as a team.
- Participant age between 14 and 60 years old.
- Follow the organizing committee rules during the period of the forum
- Registration fees is free.

## Forum student Activity participation Jury Criteria

Students and young generation activities taken place during the Forum, with proposal submission and representation. Suggested innovative project solutions for climate actions., with:

Originality - Is the application/model/system unique and/or innovative,

Social Impact - Public health, poverty, impact on the problem addressed, and wide adoption of product/service in energy sector, and how sustainable development goals are met.

Presentation Skills, System/Model Scalability's - Is the idea feasible and can be expanded,  
Data Analysis (capture, cleaning, and analysis).





**Forum Awards**



SPEAKERS:

**ENHANCING EDUCATION AND GENDER INCLUSION FOR ENERGY TRANSITION AND CLIMATE ACTION IN MENA**

**WiEPower: Women in Technology and Climate-Change Resilient Societies**  
"Advance youth participation in Climate Change Mitigation"

**Jobs in the new energy paradigm**



 <b>Affouda Leon Beau</b> Infrastructure Program Lead -World Bank	 <b>Dr. Sherin Youssef</b> AAST Head of Computer Engineering department	 <b>Ms. TU CHI NGUEN</b> Senior Energy Economist at TheWorld Bank'S	 <b>Dr. Maha Khalil</b> Sustainable Development (NIGSD) in Egypt	 <b>Ms. Nadia Shioukh</b> International Cooperation and Communication Manager
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30 Monday, 2023  
10:30 am  
AAST campus, Alexandria

**ENHANCING EDUCATION AND GENDER INCLUSION FOR ENERGY TRANSITION AND CLIMATE ACTION IN MENA**

**WiEPower: Women in Technology and Climate-Change Resilient Societies**  
"Advance youth participation in Climate Change Mitigation"








**Session 3: Private sector role and in Energy transition**

 <b>Affouda Leon Beau</b> Infrastructure Program Lead -World Bank	 <b>Eng. Eman Adel</b> Regional Center for Renewable energy and Energy Efficiency (ACREEE)
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30 Monday, 2023  
12:45- 01:30 Pm  
AAST campus, Alexandria

**ENHANCING EDUCATION AND GENDER INCLUSION FOR ENERGY TRANSITION AND CLIMATE ACTION IN MENA**

**Education Programs Responding to Climate Action and Energy Transition**

 <b>Dr. Mostaf Abdel Geili</b> Head of Energy Research Unit, Electrical and Control Engineering - AASTMT	 <b>Dr. Sherin Youssef</b> AAST Head of Computer Engineering department and Chair of IEEE Egypt Women in Engineering and Technology	 <b>Ms. TU CHI NGUEN</b> Senior Energy Economist at TheWorld Bank'S	 <b>Eng. Ashraf Nosour</b> CEO AGEC, Board member- Egyptian Engineers Syndicate
 <b>Dr. Maggi Meshaly</b> IEEE WIE Egypt Section Treasurer - GUC	 <b>Ms. Marwa Hafez</b> National Council for Women - Alexandria		

30 Monday, 2023  
01:30- 02:15 Pm  
AAST campus, Alexandria



**EVENT 2: IEEE WIE Egypt Developed programs for Career Development, Life Coaching and “Your Way and Road Map for Innovation & Creativity” Supporting University Students, STEM and Young Girls for Skill Development - In Cooperation with ITI Institute of Information Technology – Ministry of Communication and Information Technology**

In Summer 2023, 10 July – 25 August, successful development training programs are organized by IEEE WIE Egypt in cooperation with ITI Egypt. These programs targeting **University Students, STEM and Young Girls** to develop the skills of youth and graduates and connect them to the labor market.



The students participated in a dialogue session about benefiting from their training in partnership between IEEE WIE Egypt and ITI and the tremendous opportunities that connect them to the labor market through training them on the latest modern technologies in the field of information technology. They discussed many recommendations regarding smart business skills, network administration and cybersecurity. In the honoring ceremony, male and female students received professional certificates for completing their acquisition of programming skills for iOS smartphone applications and Linux Administration operating systems for high-speed processors.







**EVENT 3: IEEE Egypt Women in Engineering Educational Forum (IEEE WiED'2023) under the theme “Technological Advances and Sustainable Future”**

**"Supporting Women in Embedded Technology and Electron Devices"**

Empower youth, Women Engineers and inspiring girls in University, pre-university levels and STEM. Envision Education to be prioritized to accelerate progress towards all the Sustainable Development Goals. Professional Training Sessions included Smart humanoid Robots, Internet of Things Applications, programming skills, Sensing platforms and practising on Wireless control and networking. Encourage inclusion and diversity and keep all connected. "So impressive to see talented youth with passion, positive energy and eager to learn." Their motivation & passion was really incredible. IEEE WIE Egypt Bridging the gap between technology and academic life. Encouraging creativity, innovation, inclusion and team work with gender equality. Providing a fruitful community that is equipped to address challenges that students face today. Supporting women in technology and enhance entrepreneur skills among young girls realizing Sustainable Development Goals SDGs and Egypt Vision 2023.



**EVENT 4: IEEE WIE Egypt Empowering STEM and university Students  
IEEE Egypt WIE/EDS Educational Day Forum on Technological Advances and Sustainable Future**





**EVENT 5: "The 1st IEEE Mobile Application Development Bootcamp (MoDev Bootcamp'2023). (IEEE WIE Egypt MoDev Bootcamp'2023) "Flutter" and "Android" development skills. "Promoting Applications for Humanity Services, Women Safety and Women Life Coaching"**

Organized by IEEE Egypt WIE and IEEE Young Professional Affinity Groups.

“Promoting Applications for women safety and Women Life Coaching

Training and inspiring gender inclusion in Mobile Development Technology”

**EVENT 6: Professional Development in Engineering (Panel Discussion)**

IEEE Egypt WIE Chair introducing an inspiring talk in “ Professional Development in Engineering“ at Nile University, in sponsorship of the British Council and IEEE.



## EVENT 7: WIE Industry Forum “Empower Women in Cybersecurity” "Protecting Women and young Girls against Cyber Violence”

### Brief Description of the Forum:

“Empower women in Cybersecurity”

“Protecting Women against Cyber Violence”

» 🏰 On celebration of IEEE WIE Day 2023

**Forum date: August 16<sup>th</sup>, 2023, from 10:00-19:00**

- 🏰 Different pathways to cybersecurity careers are important to closing the gender gap and filling open cybersecurity jobs. IEEE Egypt WIE organized a session and discussion panel, on Wednesday 16<sup>th</sup> August 2023, to empower women and prepare the future workforce through training and hands-on activities.
- 🏰 VISION: WIE envision offering girls a glimpse into why cybersecurity is so important. We strive to discover and promote opportunities for women to lead, diversify, as well as to join the mission to engage the younger generation of women on pathways to cybersecurity.
- 🌟🌟 The youth session and panelist discussed many issues related to the emergence of cyber violence against women and girls (VAWG) as a growing global problem with potentially significant economic and societal consequences.
- 🌟 Cyber violence hampers the full realization of gender equality and violates women’s rights. The increasing reach of the internet, the rapid spread of mobile information, and the widespread use of social media, has led to many threads.

Violence against women including in an online environment can take many forms of cyber harassment and threats. Violence and abuse online may limit women’s right to express themselves equally, freely and without fear. Cyberviolence affects women disproportionately, not only causing them psychological harm and suffering but also deterring them from digital participation in political, social and cultural life. The panel discussed technology related to cyber security and the Hacking process and Phishing. Practical examples of fake mails and messages. Knowledge about cyber blackmailing and how to report it. Malware types and how can a non-technical person analyze malware. Solutions to prevent malicious activity on computer devices and cyber intelligence.



The poster features the IEEE Women in Engineering (WIE) logo on the top left and the IEEE Egypt Section logo on the top right. The main title is "Women in CYBER SECURITY: Your Path to Career Success". Below the title, it says "Share Advice Against Cyber Violence". The date and time are "Wednesday 16<sup>th</sup> August 2023" and "1:30 PM". There is a "50 Years of Excellence" logo and a "Security on Finding the Field" graphic. The session moderator is Prof. Sherin Youssef, Chair of IEEE Egypt WIE. The location is Hall 303 - AASTMT. The panelists are Jomana Ahmed, Jana Ibrahim, Mai Mohamed, Yara Mohsen, Hala Khaled, Mahmoud Haisam, Nour ElDin, Ahmed Hany, and Mohamed elsayed.



Awarding Session:





## EVENT 8: WIE Industry Session in partnership with DELL Technologies

Brief Description:

“WIE IEEE INSIGHTFUL DISCUSSION”

International Women in Engineering Day 2023 [#IEEEWIE](https://www.ieee.org/wie)

INSIGHTFUL DISCUSSION "DISCUSSION PANEL" – June 2023

DELL Technologies and IEEE Egypt WIE Board

It was a very interesting and amazing INSIGHTFUL DISCUSSION in cooperation between DELL Technologies and IEEE Egypt WIE.

☀️ The panelist discussed many interesting issues related to IEEE Egypt Women in Engineering Vision, career dissatisfaction, what it is like to be a woman in engineering and how gender gives different perspective. In addition, the advice that can be given for women interested in engineering, the kind of practical experience they should have and more about technical skills they should pick up. As IEEE WIE focuses on how to benefit and inspire women in stem field, also Dell/ WIA - Women Aspire program - have great focus and objective. The event discussed many fruitful ideas and areas of collaboration that they can work on together in future.





**EVENT 9: IEEE WIE Egypt Arab Women's Day 2023"**  
the 1st Collaborative Event organized by IEEE WIE Egypt in Cooperation with IEEE WIE-Jordan, IEEE WIE-Lebanon Section and IEEE WIE United Arab Emirates (UAE).

**Brief Description:**

The IEEE WIE Egypt Arab Women's Day 2023" - the 1st Collaborative Event organized by IEEE WIE Egypt.



**EVENT 10: “The Future of Women’s Empowerment in the Era of Digital Transformation”**  
**IEEE WIE Egypt in collaboration with Industry DELL Technology**

**Brief Description:**

The Future of Women’s Empowerment in the Era of Digital Transformation”

" Obstacles and opportunities for an inclusive, digital world "

A Great session and discussion panel are introduced by DELL Technologies in Cooperation with IEEE WOMEN-IN-ENGINEERING Egypt Section.

Highlighting turning the promise of IoT Technology and AI into reality for customers. Shed light into industry at tipping points, skill shortage and cyber security.

A very interesting "Inspiring Session" is also introduced by Eng. Hana Amer: Seek to know yourself, Team lead (Learning & Development) and Attributes to success: Persistence, Patience and Push out of Comfort. Thanks so much Dell Technologies and our distinguished SPEAKERS, Eng. Hana Amer, and Eng. Mostafa Hashem.



**EVENT 11: IEEE WIE Egypt "#Yes She Can" - Supporting Baheya Foundation for Breast Cancer**

**Brief Description:**

IEEE AAST SB

"Engineering in Baheya" Wednesday 3rd of May 2023

Wait for an amazing Session introduced by IEEE WIE Egypt "#Yes She Can" - Supporting Baheya



**EVENT 12: "Women Empowerment in Maritime and Logistic: Challenges and Growing Opportunities (WIMLog'2023)"**

On the Occasion of the International Women Day and realizing the Sustainable Development Goals SDGs on Women Empowerment and Gender Equality,

The IEEE WIE Egypt Section has a great pleasure to announce partnership cooperation in organization of a workshop on: "**Women in Maritime and Logistic: Challenges and Growing Opportunities (WIMLog'2023)**". In cooperation with the Arab Women in Maritime Association (AWIMA), Ms. Shireene Galal Director of AWIMA General Secretariat on behalf of H.E. Eng. Hessa Al Malek President of Arab Women In Maritime Association (AWIMA), Regional Ambassador of the Global Maritime Club.





**EVENT 13: IEEE Egypt WIE participate as Technical Sponsor and "Technical Partner" in the International Exhibition and Competition on Smart Innovation Technologies (IC-SIT'2023) in co-operation with IEEE Egypt AP-S/MTT-S Joint Chapter**

**Brief Description:**

On celebration of IEEE WIE Day'2023

So delighted to participate IEEE Egypt WIE, as Technical Sponsor "Technical Partner" in the International Competition on Smart Innovation Technologies (IC-SIT'2023) organized by IEEE Egypt AP-S/MTT-S Joint Chapter, the International Competition on Smart Innovation Technologies (IC-SIT'2023) - July 16 – 17, 2023, Alexandria, Egypt.

"المسابقة الدولية لتقنيات الابتكارات الذكية"

Great pleasure to share with my colleagues Prof. [Ahmed H. Madian](#) Prof. Maha Elsabaroty and Dr. Mohamed Saieed - the exhibition and judging of the winning innovative projects.

Lots of passion, creativity and empowerment

Great thanks to Prof. Yasser Madany - the Chair of IC-SIT'2023.

Empowering Girls in Technology and innovation is crucial for achieving gender equality in the workforce. With the right approach and support, we can ensure that girls have the opportunity to excel in these fields of technology and reach their full potential.

**Pictures:**

<https://www.facebook.com/share/p/oKK1CLgCZ9FzJpGY/?mibextid=WC7FNe>



**EVENT 14: IEEE WIE Egypt (CaDevCBF'2023) Forum "IEEE WIE Career Development and Capacity Building Forum " towards Achieving a More Gender Balanced STEM Workforce" - 12th July 2023.**

WIE CaDevCBF'2023 Forum

**IEEE WIE Egypt Career Progression Key to achieving a More Gender Balanced STEM Workforce**

**Brief Description:**

Panel Discussion by young Female Engineers and Successful Creative Projects with gender inclusive and Great impact on community. More about Digital transformation applications and entrepreneurship. Awarding & Empowering Women Participation recognize Creative projects with Great impact on Community. Recognition of young women engineers role models and Women Leadership in both industry and Academic fields. More than 240 Participants from university senior and junior students, industry experts, Academic Faculty members and graduates.



**EVENT 15: "IEEE WIE Career Development and Capacity Building Forum " towards Achieving a More Gender Balanced STEM Workforce" - 11 July 2023.**

**Brief Description:**

1st Day of the IEEE WIE Egypt (CaDevCBF'2023) Forum "IEEE WIE Career Development and Capacity Building Forum " towards Achieving a More Gender Balanced STEM Workforce" - 11 July 2023. More than 240 Participants from university senior and junior students, industry experts, Academic Faculty members and graduates. IEEE WIE Session, conducted by IEEE WIE Members, on "Capacity Building of Women and Girls" Towards Sustainable, Inclusive and Equitable Growth contributing to Sustainable Development Goals (SDGs).





## EVENT 16: IEEE WIE Egypt "WiCyS: Empowering Women in Cyber Security" "Combating Cyber Violence Against Women and Girls"

IEEE Egypt WIE WiCyS WORKSHOP "WiCyS: Empowering Women in Cyber Security" "Combating Cyber Violence Against Women and Girls"

Date: October 18th, 2023

Panel Discussion!

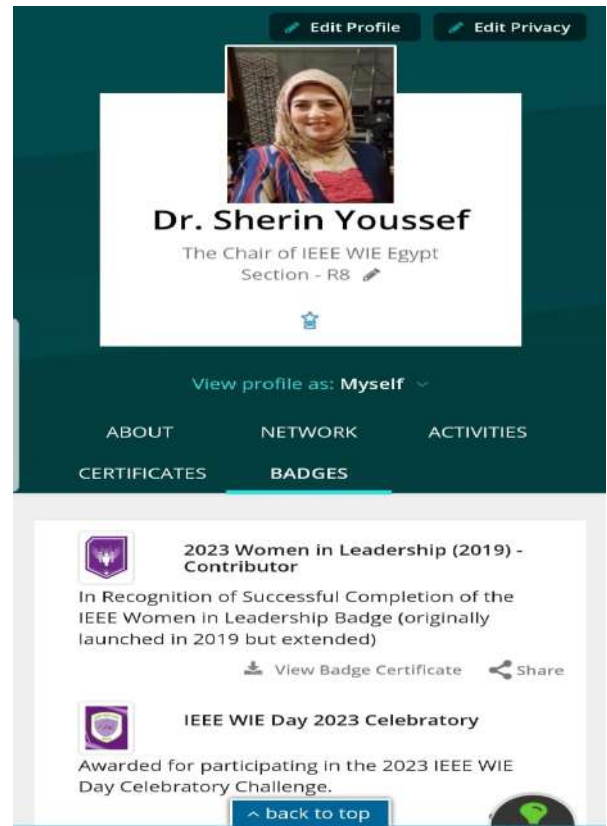
Gain valuable insights and contribute to the advancement of our society. Let's navigate together! 💡 This event included a series of two workshops that consisted of four sessions. (1) Awareness Sessions about Media and Cyber Attacks, (2) Combating Cyber Violence Against Women and Girls, (3) Gender inclusion in Cyber Security Technology new jobs, (4) Practical Session and Awarding.





**Recognition Awards:**

- “2023 Women in Leadership Award” for IEEE WIE Egypt Chair – Prof Sherin Youssef



- Outstanding Women in Engineering Student Volunteer Award



**IEEE Egypt SIGHT**

**Participation in the North Africa Student and Young Professional Congress (NASYP 2023)**

**NASYP 2023 Dates**

- From August 25-28 August 2023





IEEE R8 NORTH AFRICA SYP EGYPT 2023

IEEE Egypt Section

**Lwanga Herbert**

CHAIR, IEEE HUMANITARIAN TECHNOLOGIES BOARD

IEEE EGYPT SECTION SIGHT Special Interest Group on Humanitarian Technology

IEEE Humanitarian Technologies Board



IEEE R8 NORTH AFRICA SYP EGYPT 2023

IEEE Egypt Section

**Advancing Technology for Humanity in Action with IEEE SIGHT and EPICS**

Dive into SIGHT and EPICS programs to solve community problems with support from IEEE and accelerate your career!

**Nour Sbaouli**  
IEEE SIGHT Tunisia Section Treasurer

IEEE EGYPT SECTION SIGHT Special Interest Group on Humanitarian Technology



UTILIZATION OF PHOTOVOLTAIC TECHNOLOGY FOR THE AGRICULTURAL SECTOR IN EGYPT



**Ibrahim Mohamed**

Treasurer  
at SIGHT Egypt



**Yasmine Elogail**

Vice Chair at SIGHT Egypt



**Kareem Moussa**

Secretary  
at SIGHT Egypt



**Amr Khairy**

co-founder at GEBAL Egypt



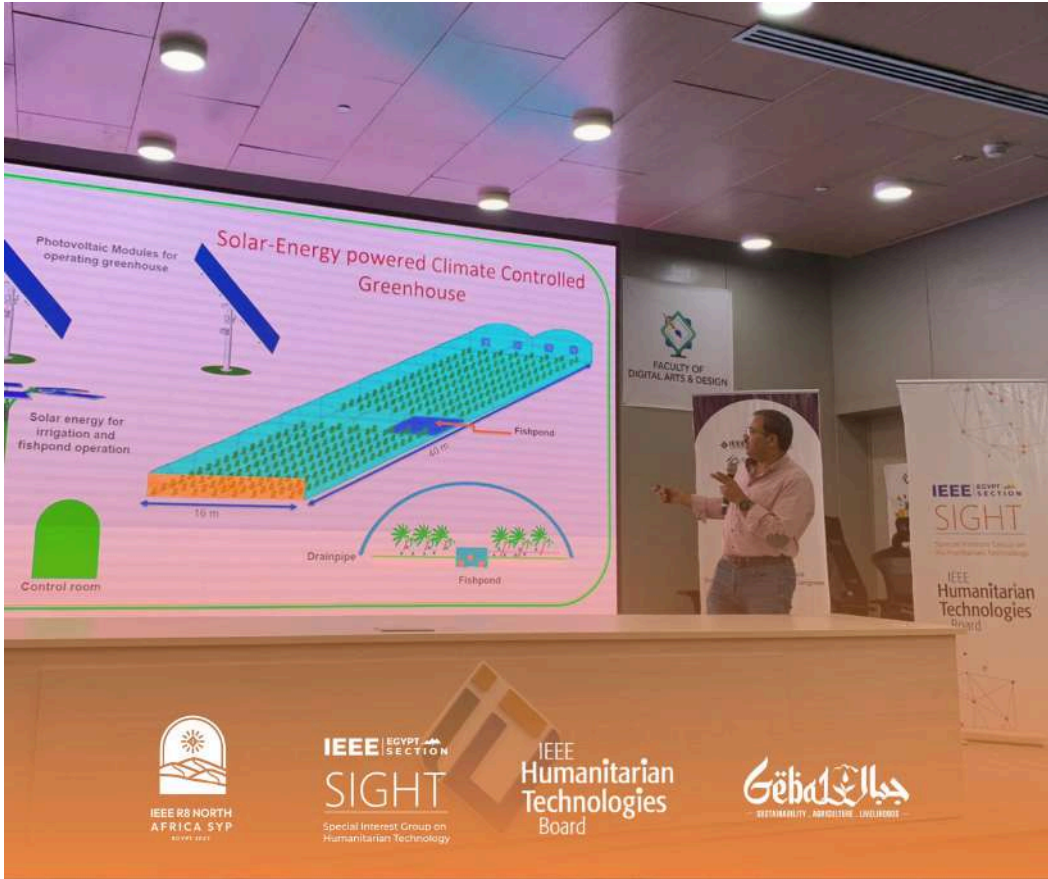
**Hassan Husseiny**

Agricultural Engineer  
Gebal Egypt



WORKSHOP







**Educational Activities**

**Future Sustainable Technology Day and Workshop**

“Future Sustainable Technology” Teacher and Student Workshop to Arab Academy for Science, Technology & Maritime Transport (AASTMT), Abu Kir campus in collaboration with a local school. Three professional talks, a lab tour, and a planetarium visit. Organized by IEEE-HKN Mu Beta Chapter in collaboration with IEEE Egypt Section educational activities. The event was attended by 60 participants with 5 IEEE members.

vTools Report: <https://events.vtools.ieee.org/m/361546>





## Sustainable Future Technology: Science Fair and Competition

The second part of a collaborative event with a local school in Alexandria. A STEM science fair and a competition for pre-u students themed Future sustainable technology. Organized by IEEE-HKN Mu Beta Chapter in collaboration with IEEE Egypt Section educational activities. The event was attended by 300 participants with 3 IEEE members.

vTools Report: <https://events.vtools.ieee.org/m/363649>



## Prelim of IEEE-YESIST12 2023 by IEEE-HKN Mu Beta (Egypt Section) at Arab Academy for Science, Technology & Maritime Transport, Alexandria

Prelim stage of 2023 IEEE-YESIST12 challenge. A global platform to showcase your valuable projects and to get recognized in a global community. Here arrives the platform to showcase your valuable projects and to get recognized in a global community. IEEE-Yesist12 is a two tier global competition with five different tracks over two phases. The prelim stage of Mu Beta chapter will be hosted by College of Engineering and Technology at Arab Academy for Science, Technology & Maritime Transport Abu Kir. The prelim will be conducted during 16-17 July 2023. Finalists from each track will compete in the global finale which took place in hybrid mode in September 2023 in Egypt. Organized by IEEE-HKN Mu Beta Chapter in collaboration with IEEE Egypt Section educational activities. The event had 110 participants with IEEE members. The competition has five tracks for different categories with special track for school students namely, Junior Einstein track.

vTools Report: <https://events.vtools.ieee.org/m/389958>



IEEE-Eta Kappa Nu Mu Beta Chapter  
(Egypt Section) at College of Engineering  
and Technology, AASTMT, Abu Kir, Alex.

**IEEE YESIST 12  
Prelim Invitation**

You are cordially invited to attend the opening  
ceremony of the prelim stage of IEEE YESIST12-  
2023.

- Annual two tier global competition with Six different Tracks, first stage, Prelim  
finalists will compete in global finale with teams from more than 20 countries.  
Finale will take place in hybrid mode in September 2023 in Egypt.

July 16-17, 2023 | 09:30 AM | Al Farsi Hall, College of Engineering and  
Technology, AASTMT, Abu Kir

**ABOUT** | Technical Partners

<https://ieeeyesist12.org>



## IEEE YESIST12 Grand Finale 2023

Grand Finale of IEEE YESIST12-2023 (YOUTH ENDEAVOURS FOR SOCIAL INNOVATION USING SUSTAINABLE TECHNOLOGY) at Arab Academy for Science, Technology & Maritime Transport (AASTMT), Alex. A collaborative event among IEEE Education Chapter of Madras Section, IEEE-HKN Mu Beta Chapter and IEEE Egypt Section. Attended by 450 participants from 20 countries with 50 IEEE volunteers in hybrid format.

vTools Report: <https://events.vtools.ieee.org/m/395167>



# GRAND FINALE 2023



YOUTH ENDEAVOURS FOR SOCIAL INNOVATION  
USING SUSTAINABLE TECHNOLOGY

📍 Arab Academy For Science, Technology & Maritime Transport, Alexandria, Egypt

2 & 3 September 2023



## Toward a Green and Sustainable Future School Initiative Competition

Competition and closing ceremony at Arab Academy for Science, Technology & Maritime Transport (AASTMT), Abu Kir campus as a part of school initiative to raise awareness about UN’s SDGs. Organized by IEEE-HKN Mu Beta Chapter in collaboration with IEEE Egypt Section educational activities. Attended by 50 students and teachers, and 3 IEEE volunteers.

vTools Report: <https://events.vtools.ieee.org/m/395196>



### Chapters

List of Chapters and SB Chapters in your Section, the newly formed or dissolved Chapters, if any since the last meeting reporting. Indicate how many have reported on time and received rebate. Highlight some of the activities.

### Industry

List the activities carried out to foster relations with Industry and the results obtained.

- **Step event with inclusion for many companies inside the market and students and professional form different filed.**

### Activities since the last report

Highlight some of the activities in your Section, with special attention to the things that work well, and things that don't, so that your acquired know-how can be used by other Sections.

### Planned activities.

Highlight some of the future activities and initiatives in your Section.

- **IEEE Entrepreneur week**
- **IEEE officer meeting**
- **IEEE ESYP Congress**
- **Six conferences will be carried out in collaboration with Technical chapters.**