

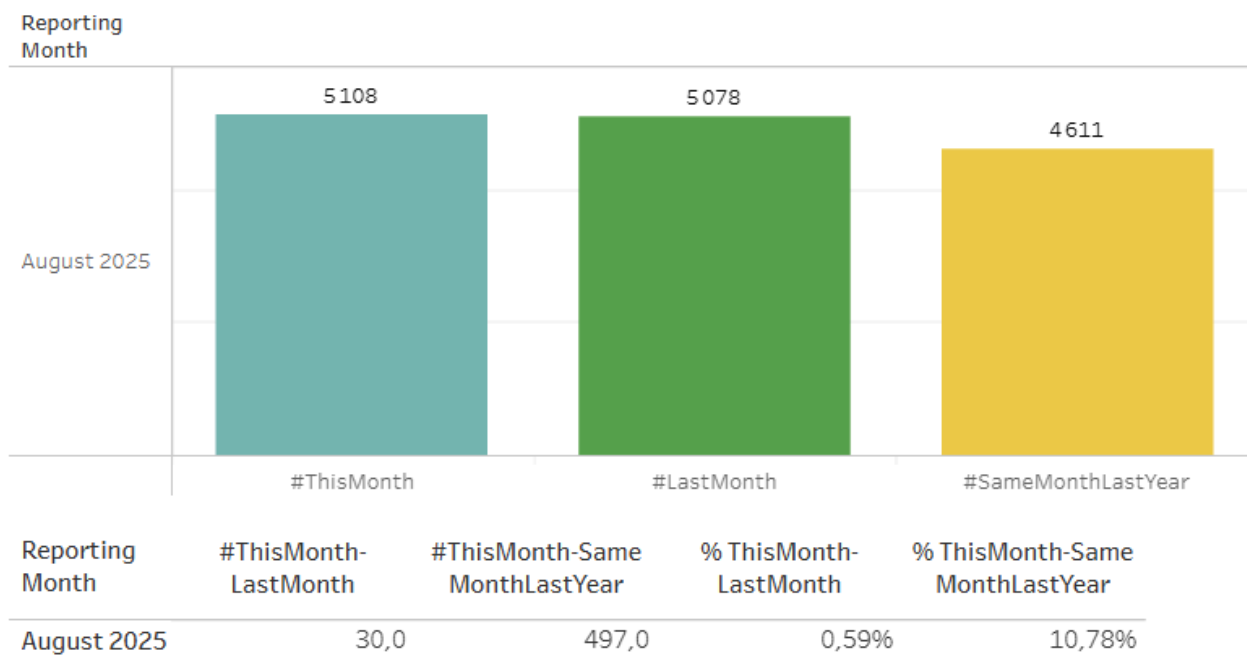
## IEEE Tunisia Section

**Amira Tmar, Section Secretary**  
**Hassene Mnif, Section Chair**

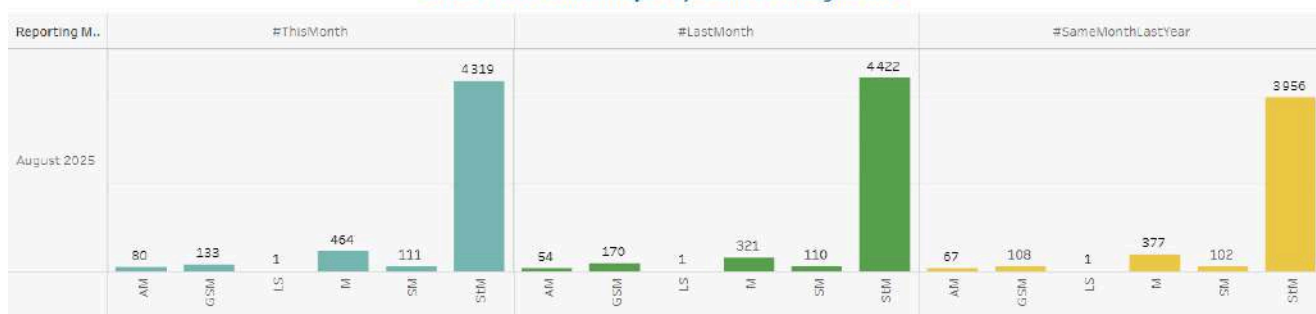
### 1. Section Vitality

- Date of last Section election: September - December 2024
- Date of next Section election: September - December 2026
- The Section Vice-Chair becomes the Section Chair in the next term
- 2025 onsite Section Committee Meetings:
  - 8-9 June 2024 <[Link](#)>
  - 21-22 December 2024 <[Link](#)>
  - 21-22 June 2025 <[Link](#)> / Agenda: [Link](#)

#### Actives - IEEE Memberships - Summary As Of August 2025



#### Actives - IEEE Memberships - By Grade As Of August 2025



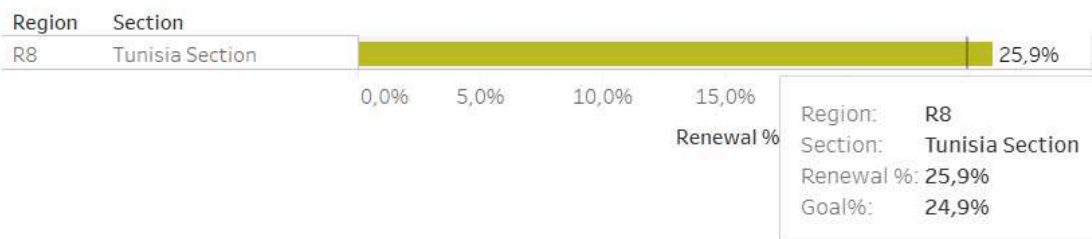
### Membership Progress towards Goal

On Goal are shown in **Green**



### Membership Progress towards Goal

On Goal are shown in **Green**



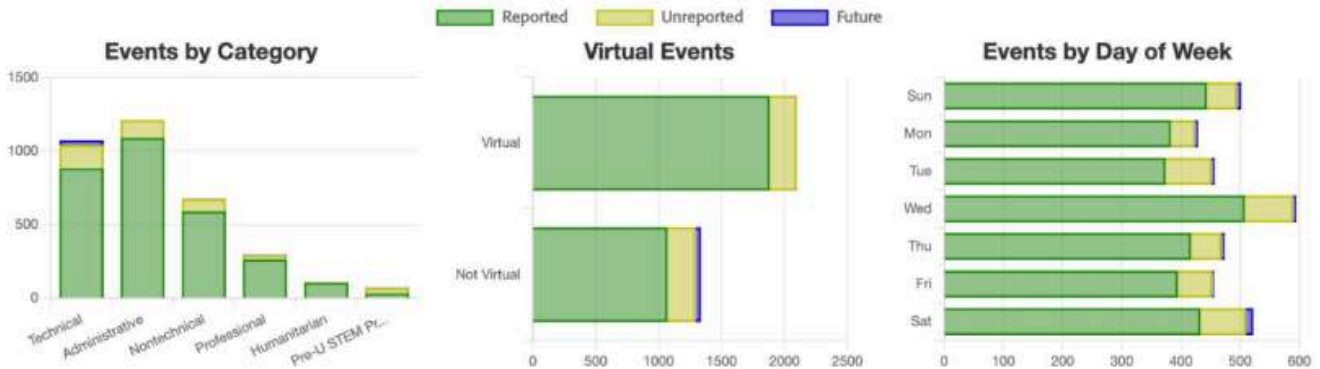
## 2. Students

### Students' List of Student Branches (SB) in Tunisia Section: 51 Student Branches

ENET'Com	FSS	ISIMS
ENI Carthage	FST	ISSAT Mateur
ENIB	IHE-ESPITA	ISSAT Sousse
ENIG	IIT	ISTIC
ENIM	INAT	Polytech Monastir
ENIS	INSAT	Polytech Sfax
ENISo	ISSET Bizerte	Polytech Sousse
ENIT	ISSET Djerba	Polytech Tunis
ENSI	ISSET Kairouan	SESAME
ENSIT	ISSET Kef	SMU
ENSTAB	ISSET Nabeul	Sup'Com
EPI Sousse	ISSET Rades	TEK-UP
ESPRIT	ISSET'Com	ULT
ESSTHS	ISGI Sfax	MSE Manouba
FSB	ISI	ISIMG
FSG	ISIMa	ESPIN
Central University	ISIMM	ISTMT

### a) Student Branches Events Statistics (3,435 events)

Name	Prof	Tech	Non-Tech	Admin	Hum	Pre-U	Total
Tunisia Section	295	1072	676	1210	109	73	3435



### b) Student meetings held and Section activities addressed to Students and Young Professionals

#### IEEE Tunisian SYP Congress

It's an annual congress for Students with over 1,000 participants: <https://tsyp.ieee.tn/>

- o 10th TSYP congress, 19-22 December 2022, Sousse
- o 11th TSYP congress, 18-20 December 2023, Yasmine Hammamet
- o 12th TSYP congress, 22-24 December 2024, Yasmine Hammamet
- o 13th TSYP congress, 22-24 December 2025, Yasmine Hammamet



- Granted Awards by the Tunisia section for its units and volunteers, in December of each year:
  - Tunisia Student Branch Award
  - Tunisia Student Branch Technical Chapter Award
  - Tunisia WIE Student Affinity Group Award
  - Tunisia Technical Chapter Award
  - Tunisia Achievement Award
  - Tunisia Young Professional (YP) Award
  - Tunisia Women in Leadership Award

- Tunisia Innovation Award
- Tunisia Rising Star Award

### IEEE Training of Trainers Spring Session

IEEE training of trainers is a strategic initiative led by the Tunisia Section Technical Activities Committee. It is designed to empower a core group of trainers who will serve as a foundational pillar in the execution of the 2025–2030 vision of the IEEE. By developing skilled facilitators who foster ethical, collaborative, and impactful execution of IEEE’s strategic vision, the Training of Trainers program actively supports IEEE’s core values.



### IEEE Education Week: 6-12 April 2025

IEEE Education Week is an annual global celebration showcasing educational opportunities offered by IEEE and its various units, societies, councils, and partners. This year, it took place from April 6 to April 12, 2025. The IEEE Tunisia Section Technical Activities Committee (TAC) commemorated this occasion with various activities, including two challenges, webinars, and an in-person celebration.



### IEEE TechPreneurs – Empowering Tomorrow’s Innovators

The IEEE TechPreneurs Program is a new initiative by the IEEE Tunisia Section, in collaboration with INJAZ Tunisia, designed to spark entrepreneurial spirit among IEEE student branches. The program offers hands-on training in entrepreneurship and project management, interactive workshops such as Innovation Camps, mentorship from industry professionals, and opportunities to compete nationally and regionally through the INJAZ Company Program. This program provides students with the chance to showcase their innovations and represent IEEE Tunisia on a wider stage.





## IEEE Tunisian Student Leadership Training 2.0: 19 July 2025

in conjunction with IEEE Region 8 Volunteer Training Series (VTS) Workshop taking place on 19 July 2025 at Verdi Tunis Beach Resort, Gammarth-Tunis, Tunisia



## The Spotlight Series Initiative

The Spotlight Series celebrates the achievements of IEEE Student Branches, SIGHT student Groups, and WIE student Affinity Groups across the Tunisia Section. Every two months, units submit their activities for review by the SAC committee. Outstanding groups are recognized with certificates and featured in the SAC Newsletter and on social media, showcasing their impact and inspiring others.



### 1 To 1 Mentoring Initiative

The 1 To 1 Mentoring Initiative is an online program that connects SAC Committee members with IEEE Tunisia Student Branch leaders for focused 30–45 minute sessions. Designed for chairs, vice chairs, executive officers, mentors, and advisors, these meetings foster stronger connections, clarify IEEE structures and benefits, address challenges, and exchange best practices to support effective branch growth.



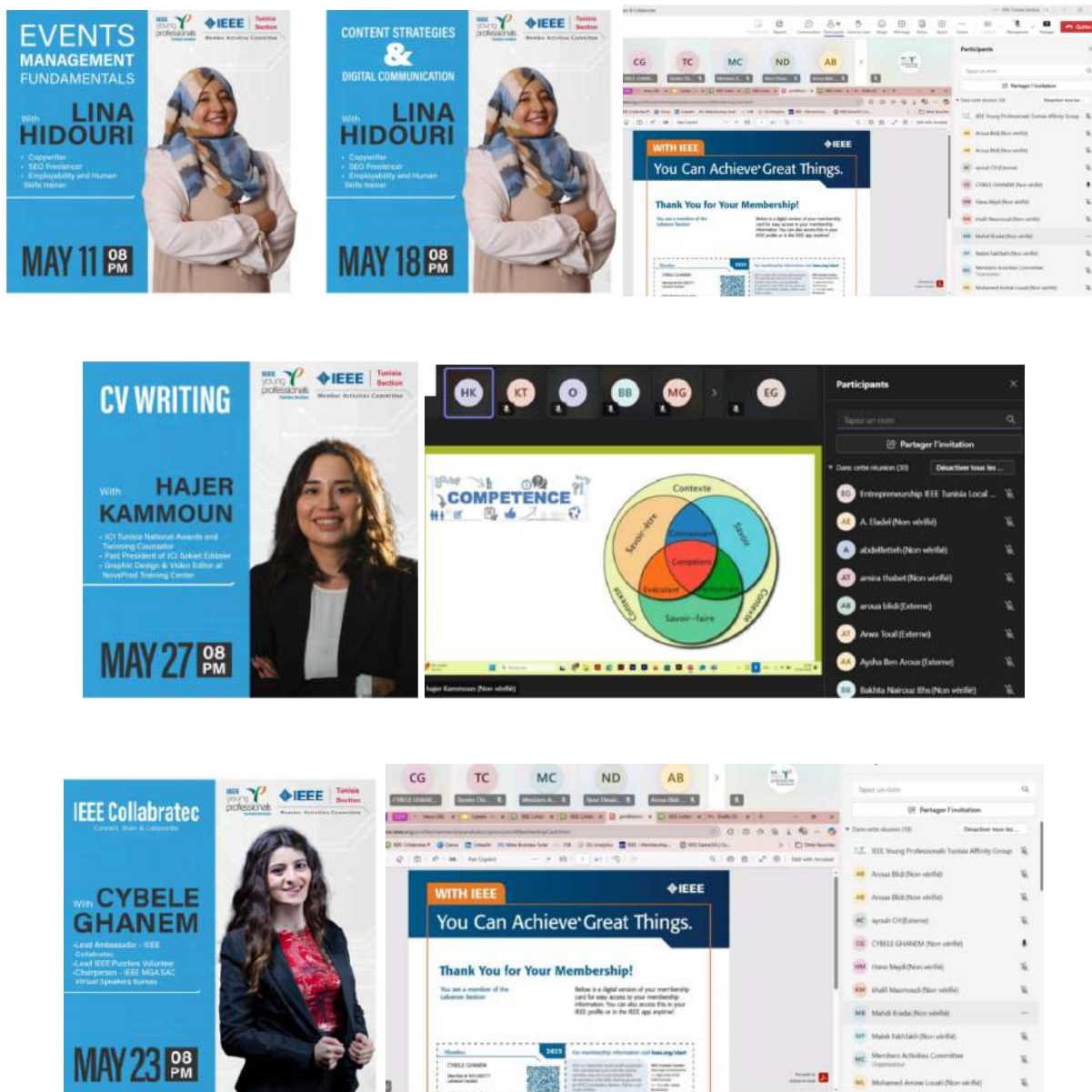
### 3. Affinity Groups

- Tunisia Young Professionals Affinity group: <https://yp.ieee.tn/>
- Tunisia Women in Engineering Affinity group: <https://wie.ieee.tn/>
- Tunisia SIGHT group: <https://sight.ieee.tn/>
- Tunisia Consultants Network Affinity Group



## a) List of affinity group activities

### Pathways to Professional Growth – Workshop Series



### IEEE YP Tunisia AG Industry Meet-up during IEEE R8 MENA SYP: 29 August 2025

The IEEE YP Tunisia Affinity Group, in collaboration with the IEEE INSAT Student Branch, organized an Industry Meet-up as part of the IEEE Region 8 MENA SYP Congress 2025. The event took place on August 29th, 2025, in Gammarth, Tunis, and gathered students, young professionals, and representatives from both Tunisian and international companies.



### WIE Benefit: Get to know more about IEEE



### Certified Workshop by NVIDIA for young professionals

Hosted by IEEE WIE Tunisia in May 2025, this NVIDIA-certified workshop led by Amal Jlassi provided hands-on training in deep learning and advanced AI tools.





### STAR program: Cybersecurity for Juniors

Organized by IEEE WIE Tunisia, this engaging workshop introduced teens to cybersecurity fundamentals. Led by Mr. Moheddine Rabaaoui, participants explored hacker mindsets, learned data protection tools, and developed critical problem-solving skills, earning certificates and prizes for their efforts.



### SIGHT Day Congress 3.0: 19-20 April 2025



- **37 WIE Student Affinity Groups:** 72.54% of student branches have their WIE groups

ENET'Com	EPI Sousse	ISGIS
ENI Carthage	ESPRIT	ISIMa

ENIB	ESSTHS	ISIMG
ENIG	FST	ISIMM
ENIM	FSS	ISIMS
ENIS	INAT	ISTIC
ENISo	INSAT	ISSAT Mateur
ENIT	ISSET Bizerte	ISSAT Sousse
ENSI	ISSET Rades	Polytech Sousse
ENSIT	ISSET'COM	Sup'Com
ENSTAB	ISI	SMU
		ULT

New WIE SAGs formed this year: IEEE WIE EPT SAG

- **15 SIGHT groups**

ENIT	ISSAT Sousse
ESPRIT	ISI
ESSTHS	ISIMM
ENSIT	EPS
ENIS	ISTIC

+ 5 New SIGHT SGs formed this year: ISIMG, FSS, FST, ISET Djerba, SESAME.

#### 4. Chapters

##### 30 Technical Chapters

AESS	GRSS	RAS
APS	IAS	RLS
CIS	IES	SMCS
Computer	ITS	SPS
ComSoc	MTTS	SSCS
CSS	OES	TEMS/SSIT
Education	PELS	VTs
EMBS	PES	CAS
Biometrics	NANO	RFID
SYS	CEDA	SEN

24 Technical chapters reported on time and got a rebate.

161 Student Branches Chapters + 16 new established SBC in 2025

### a) Chapters' activities

#### Aerospace Discovery Day - 24 May 2025



#### INDUSTRY 5.0: WASTE VALORIZATION IN TUNISIA, 24 May 2025



#### Organization of the 2025 IEEE PhD3M competition: 18 February 2025



#### Go Data Science – Hackathon (Gods 4.0)





## 5. Industry

**Participation of the IEEE Tunisia Section as a partner of the 9th edition of the Tunisia Digital Summit: 29-30 April 2025**



### 2025 IEEE/ODC Summer Internships Program

It's organized by the Tunisia Section Technical Activities Committee (New Initiatives) and hosted by our partner Orange Digital Center.



### Exhibitor in BIGTECH AFRICA 2025: 9-11 September 2025



## Industrial visit of undergraduate students - January 2025



### 6. Publicity outreach

#### Region 8 Today publications

- IEEE Education Week

<https://region8today.ieeer8.org/ieee-education-week-in-tunisia-a-celebration-of-learning-and-innovation/>

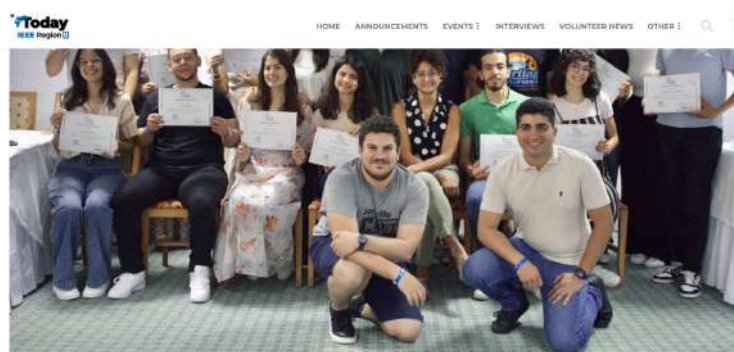


Event Reviews

#### IEEE Education Week in Tunisia | A Celebration of Learning and Innovation

- IEEE Training of Trainers initiative

<https://region8today.ieeer8.org/technical-activities-ieee-training-of-trainers-initiative/>

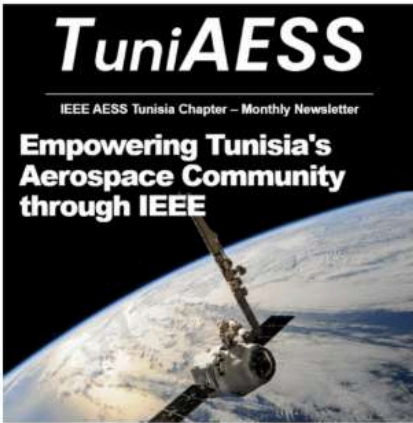


Technical Activities

#### Technical Activities | IEEE Training of Trainers Initiative




## TuniAESS NEWSLETTER - Monthly Newsletter - V1



**TuniAESS**  
IEEE AESS Tunisia Chapter – Monthly Newsletter  
**Empowering Tunisia's Aerospace Community through IEEE**

### Featured Innovation



**LunaPatch**  
Wearable Tech for Lunar Missions  
Let's take a moment to spotlight the innovation developed right here in Tunisia by IEEE AESS ESSTHS SBC: LunaPatch.  
Designed by Emma Chermiti as a solution for Luna Hack Challenge, LunaPatch is a smart wearable system created to monitor astronaut health and safety during lunar missions. It integrates biosensors for heart rate, blood oxygen, hydration, stress, and even radiation exposure making it a compact, safe solution for real-time health tracking in extreme space environments. With features like LoRa/BLE transmission, AES-encrypted data, and haptic feedback, LunaPatch is a bold step toward autonomous astronaut care during long missions.

[Click here to read the full paper!](#)

### Tech Snippet

**NASA's Starling Mission**  
A New Era of Autonomous Spacecraft Swarms

In April 2025, NASA successfully launched the Starling mission, a pioneering project designed to demonstrate the potential of autonomous spacecraft swarms. The mission deployed a cluster of CubeSat-sized, miniaturized satellites into Low Earth Orbit (LEO) aboard a SpaceX Falcon 9 rocket. These CubeSats were not just traditional satellites; they were equipped with cutting-edge onboard computers and artificial intelligence (AI) algorithms, enabling them to operate as a coordinated swarm without continuous human control.

**Mission Launch and Objectives**  
The Starling CubeSats were part of NASA's Small Spacecraft Technology program and launched from Cape Canaveral Space Launch Complex 40. Once deployed, the satellites began a series of autonomous maneuvers and cooperative tasks, showcasing their ability to maintain formation, avoid collisions, and communicate in real time. Unlike traditional satellites, which rely heavily on ground commands, the Starling swarms demonstrated decentralized decision-making capabilities meaning each CubeSat could make local decisions based on shared data from the group. The mission's key objectives included:

- Demonstrating autonomous coordination and navigation among multiple satellites.
- Validating onboard AI algorithms for real-time problem-solving.
- Testing scalability for future swarms consisting of dozens or even hundreds of satellites.
- Exploring applications for lunar missions, including navigation and timing services in the Moon's challenging environment.

IEEE Tunisia Section Sac Newsletter: <https://ieeetn/newsletter/>



## IEEE Tunisia Section SAC Newsletter

### About SAC Tunisia

The IEEE Tunisia Student Activities Committee supports the growth of Student Branches in Tunisia by promoting IEEE ethics, organizing events and trainings, encouraging student involvement, and connecting students with professionals. SAC Tunisia also fosters innovation, teamwork, and leadership while helping students transition to young professionals and raising awareness about IEEE benefits.

### Newsletter Overview

1. Meet the Committee
2. Celebrating Our Student Units
3. New Established Student Branches in 2025
4. New Established Student Units in 2025
5. Initiative Spotlight
6. Upcoming Initiatives & Open Calls
7. Let's Celebrate You!

### 7. Activities since the last report

### IEEE IES SYP Congress: 15-17 August 2025







## 2025 IEEE R8 RTSI International Forum: 24-26 August 2025



## IEEE Middle East & North Africa SYP Tunisia 2025: 27-29 August 2025





## IEEE Entrepreneurship 101 Tunisia Workshop: 25-27 August 2025

The IEEE Entrepreneurship 101 Tunisia Workshop, co-sponsored by IEEE Region 8 and the IEEE Tunisia Section, was held from 25 to 27 August 2025 to equip participants with essential entrepreneurial skills. Aimed at STEM professionals and students supporting the UN-SDGs, the workshop combined virtual sessions and in-person teamwork to develop business ideas and pitch proposals. Participants explored topics such as business modeling, marketing, finance, and intellectual property, guided by expert mentors and speakers.



## TN 2056: 27 August 2025

The TN 2056 Forum & Challenge, held on 27 August 2025, is Tunisia's national entrepreneurship event that brings together young innovators, creators, and changemakers to shape the country's future. Through talks, workshops, and challenges, participants build ideas, develop solutions, and contribute to the vision of Dream 2056, inspiring innovation and impact for Tunisia's tomorrow.





## 8. Planned activities and Congresses

- 03-05 October 2025: IEEE IAS Tunisia Annual Meeting 5th edition
- 11-12 Octobre 2025: Women In Engineering Annual Congress of Tunisia - WIE ACT 4.0
- 16-18 Oct 2025: IEEE AESS Africa Summit 2025
- 29 October 2025: INSPIRE talk - Industrial IC Test & Diagnosis: Issues & Challenges
- 8-9 November 2025: IEEE Tunisian RAS Student and Young Professional Congress TRSYP 2<sup>nd</sup> edition
- 11 November 2025: The Tunisian Vehicular Technology Society Students – North (TVT2s-North)
- 22-24 December 2025: IEEE Tunisian Student and Young Professional Congress TSYP 2025
  - o Technical challenges during TSYP 2025

### UtopiaHire: AI Career Architect for an Inclusive Future of Work

IEEE CS Tunisia Section Chapter & IEEE CN Tunisia Section Affinity Group & IEEE Cyber Security Tunisia Local Group

47 days left for 1st submission



→ Learn More

### IAS Technical challenge

IEEE IAS Tunisia Section Chapter

10 days left for 1st submission



→ Learn More

### SmartFleet: Cooperative Delivery in a Simulated City

IEEE RAS Tunisia Section Chapter & IEEE VTS Tunisia Section Chapter

49 days left for 1st submission



→ Learn More

### Preventing Mission Failure Without Ground Control for CubeSats

IEEE AESS Tunisia Section Chapter & IEEE IES Tunisia Section Chapter

39 days left for 1st submission



→ Learn More

### "VitalWear" – Wearable PCB for Monitoring Vital Signs

IEEE SSCS Tunisia Section Chapter

48 days left for 1st submission



→ Learn More

### Towards a healthier Utopia: Innovating for women and children's well being in Tunisia

IEEE EMBS Tunisia Chapter & IEEE CIS Tunisia Chapter & IEEE WIE Tunisia Affinity Group

36 days left for 1st submission



→ Learn More

### Energy Utopia Challenge: AI for a Smarter, Greener Future

IEEE PES Tunisia Section Chapter & IEEE YP Tunisia Section Affinity Group

20 days left for 1st submission



→ Learn More

### P2E: Power to Empower

IEEE SSIT/TEMS Tunisia Section Joint Chapter & IEEE SIGHT Tunisia Section Special Group

45 days left for 1st submission



→ Learn More

### Smart ICT Integration in Solar and Wind Energy Systems

IEEE CASS Tunisia Section Chapter & IEEE CRFID Tunisia Section Chapter

56 days left for 1st submission



→ Learn More



## 9. Planned Conferences

- 14-16 Octobre 2025: IEEE Afro-Mediterranean Conference on Artificial Intelligence, France
- 6-7 November 2025: IEEE 4th International Multi-Conference on “Organization of Knowledge and Advanced Technologies
- 20-23 November 2025: IEEE 2nd International Conference on Recent Activities Advances in Mathematics and Informatics (IEEE ICRAMI'2025)
- 20-22 November 2025: 2025 IEEE International Conference on Advances in Data-Driven Analytics And Intelligent Systems (ADACIS)
- 24-26 November 2025: 2025 IEEE 4th International Conference on Signal, Control and Communication (SCC)
- 25-27 November 2025: 2025 14th IFIP/IEEE International Conference on Performance Evaluation and Modeling in Wired and Wireless Networks (PEMWN)
- 8-10 December 2025: 2025 IEEE Sustainable Smart Lighting World Conference & Expo (LS25)
- 12-14 May 2026: 2026 6th Middle East and North Africa Communications Conference (MENACOMM)
- 28 - 30 April 2026: 2026 Intelligence in Business and Industry (IBI)