

Tunisia Section

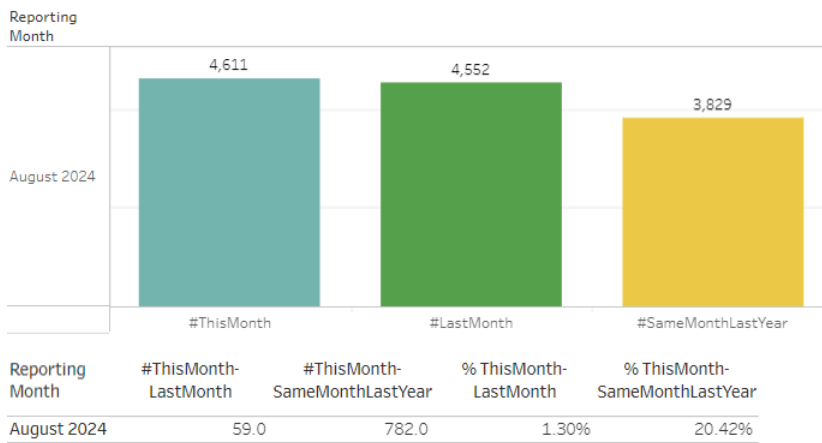
Abir Abid, Secretary

Ilhem Kallel, Past Chair
Habib M. Kammoun, Chair

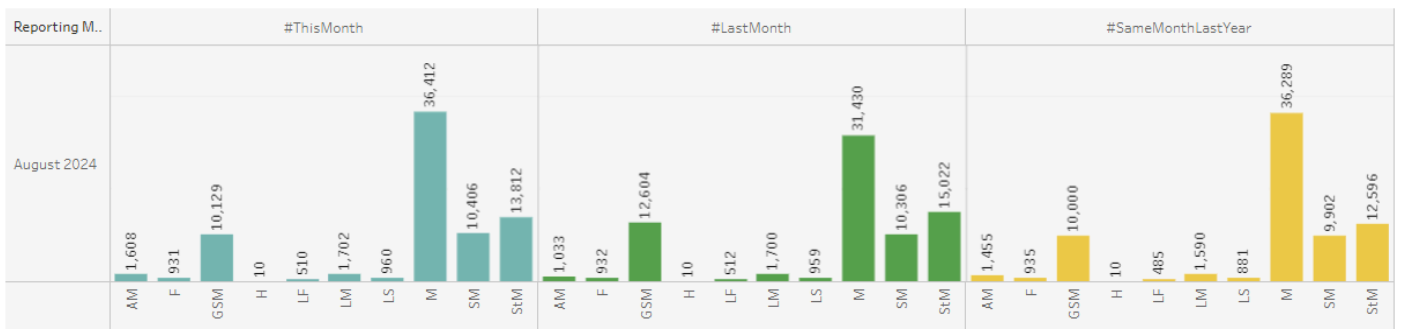
Section Vitality

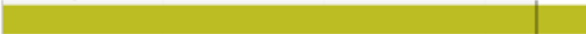

- Date of last Section election: June - December 2022
- Date of next Section election: June - December 2024
- Vice-Chair are chair-elect and becomes Section Chair in the next term
- Previous onsite Section Committee Meetings (5 Section Officers, 3 ViceChairs (TA, MA, SA), 34 Chapters/Groups Chairs, 43 Appointed volunteers):
 - 13-14 May 2023 <[link](#)>
 - 17-19 December 2023 <[link](#)>
 - 08-09 June 2024 <[link](#)>

Actives - IEEE Memberships - Summary As Of August 2024



Actives - IEEE Memberships - By Grade As Of August 2024



Membership Progress towards Goal	
Recruitment	Tunisia Section  3,654
Retention	Tunisia Section  30.1%

IEEE Open Day events at ISET Kef, ISET Kairouan and ISET Nabeul



Students

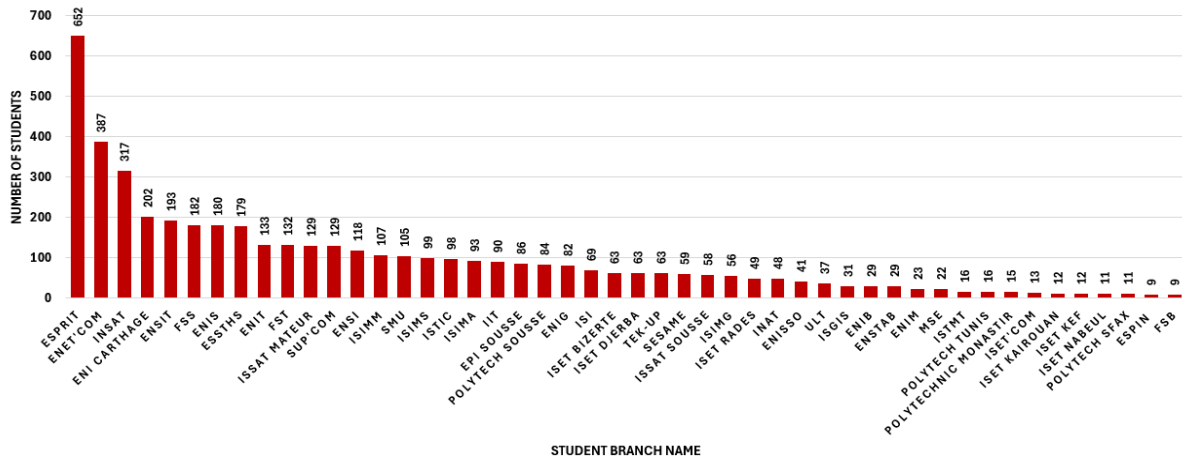
List of Student Branches (SB) in Tunisia Section: **46 Student Branches + 2 newly formed:**

- | | | |
|----------------|-----------------|---------------------|
| - 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 | - ISET Bizerte | - Polytech Sousse |
| - ENIT | - ISET Djerba | - SESAME |
| - ENSI | - ISET Kairouan | - SMU |
| - ENSIT | - ISET Rades | - Sup'Com |
| - ENSTAB | - ISET'Com | - TEK-UP |
| - EPI Sousse | - ISGI Sfax | - ULT |
| - ESPRIT | - ISI | - MSE Manouba |
| - ESSTHS | - ISIMa | - ISIMG |
| - FSB | - ISIMM | - ESPIN |
| | | - ISET Kairouan |

New SBs:

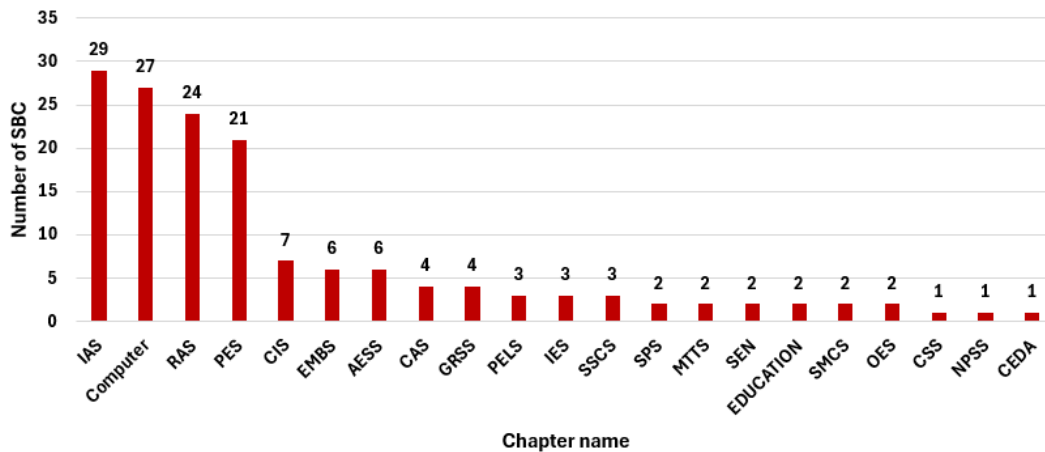
- ISET Nabeul - ISET Kef

IEEE STUDENT MEMBERS BY STUDENT BRANCH



134 Student Branches Chapters + 16 newly formed:

Number of SBC per Chapter



Annual congress for Students: IEEE Tunisian SYP Congress (over 1,000 participants) <https://tsyp.ieee.tn/>

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



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

30 WIE Student Affinity Groups + 4 newly formed: 70.83% of student branches have their WIE groups

- | | | |
|----------------|----------------|----------------|
| - ENET'Com | - ENSTAB | - ISI |
| - ENI Carthage | - EPI Sousse | - ISIMa |
| - ENIB | - ESPRIT | - ISIMS |
| - ENIG | - ESSTHS | - ISSAT Mateur |
| - ENIM | - FST | - ISSAT Sousse |
| - ENIS | - INAT | - Sup'Com |
| - ENISo | - INSAT | - ULT |
| - ENIT | - ISET Bizerte | - FSS |
| - ENSI | - ISET Rades | - ISTIC |
| - ENSIT | - ISET'COM | - SMU |

New WIE Student Affinity Groups:

- | | |
|--------|------------------|
| -ISIMG | -Polytech Sousse |
| -ISIMM | -ISGIS |

6 SIGHT groups + 4 newly formed:

- | | |
|---------|---------------|
| -ENIT | -ISSAT Sousse |
| -ESPRIT | -ISI |
| -ISIMM | -ESSTHS |

New SIGHT groups

- | | |
|------------------|--------|
| -Polytech Sousse | -ENSIT |
| -ISTIC | -ENIS |

23 Chapters:

- | | | |
|-------------|---------|-------------|
| - AESS | - GRSS | - RAS |
| - APS | - IAS | - RLS |
| - CIS | - IES | - SMCS |
| - Computer | - ITS | - SPS |
| - ComSoc | - MTTTS | - SSCS |
| - CSS | - OES | - TEMS/SSIT |
| - Education | - PELS | - VTS |
| - EMBS | - PES | |

7 Technical Councils

- | | |
|--------------|--------|
| - Biometrics | - NANO |
| - CAS | - RFID |
| - SEN | - SYS |
| - CEDA | |

SIGHT Day Congress April 20, 2024



IEEE Sparkle - May 1st, 2024



AESS Chapter- Dronathon Apr 21, 2024



IES Chapter Distinguished Lecturer 2024



IEEE
Advancing Technology for Humanity

IEEE Industrial Electronics Society
Tunisia Section Chapter

THIERRY A. MEYNARD

PROFESSOR AND RESEARCH DIRECTOR CNRS AT THE LAPLACE AND FELLOW OF THE IEEE, IES DL. HE IS ALSO INVOLVED IN SEVERAL INDUSTRY-RELATED ACTIVITIES, TOULOUSE, FRANCE

METHODS AND TOOLS FOR THE DESIGN OF MULTILEVEL CONVERTERS

09 October, 2024
<https://ies.ieee.tn/>

Industry

IEEE/ODC Summer Internships 2024

August 30, 2024, celebrating the achievements of our talented interns during the 2-month in-person summer internship organized by the IEEE Tunisia Section and hosted by Orange Digital Center.

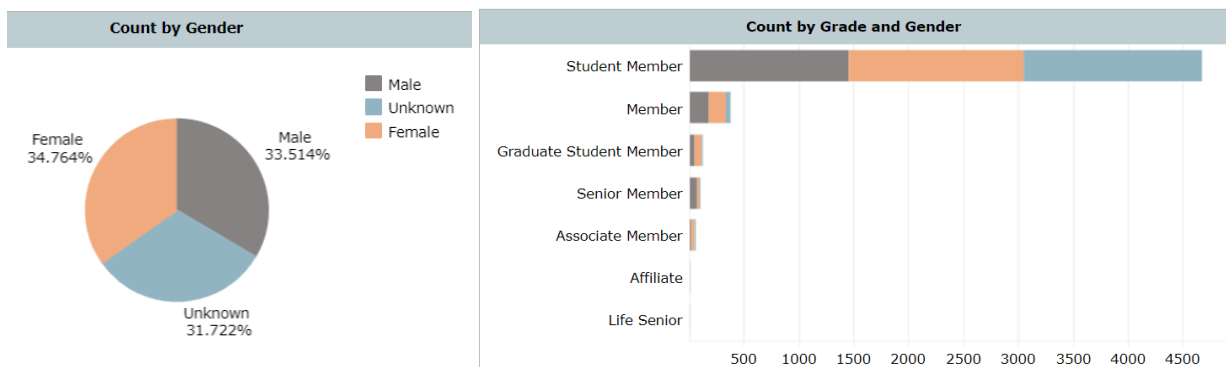


Exhibitor in BIGTECH 26-29 Jun 2024



Diversity, Equity and Inclusion

Highlight any diversity metrics (gender, age, religion, geographical, employment, etc.), new initiatives, best practices and progress around diversity and inclusion happening in your Section. Link to IEEE DEI statement [<link>](#).



Activities since the last report

Keynote: IEEE President Prof. Thomas M. COUGHLIN “Digital Storage and Memory Technology” during ICAIGE24 Conference



Visit of IEEE President Prof. Thomas M. COUGHLIN to our industry partner NOVATION CITY



IEEE Xtreme training



4th Edition of Tunisia IoT & AI Challenge!



IEEE Days

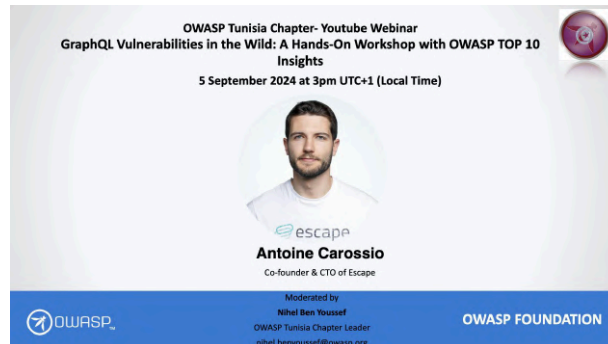


EMPOWER HER 2.0



Live webinar on OWASP Tunisia Youtube Channel

Topic: GraphQL Vulnerabilities in the Wild: A Hands-On Workshop with OWASP TOP 10 Insights
Guest : Antoine Carossio Co-founder and CTO of Escape.



Conferences:

- 27-29 April, 2024: **IEEE International Conference on Advanced Systems and Emergent Technologies (IC_ASET)**
- 3-5 May, 2024: **IEEE 15th Int. Colloquium on Logistics and Supply Chain Management (LOGISTIQUA)**
- 19-21 May, 2024: **IEEE 4th International Maghreb Meeting of the Conference on Sciences and Techniques of Automatic Control and Computer Engineering (MI-STA)**
- 17-19 July, 2024: **IEEE 28th International Conference on Intelligent Engineering Systems 2024 (INES 2024)**
- 18-21 July, 2024: **Summer School on Intelligent Transportation Systems: Theory and Applications (ITTA'2024)**
- 18-20 September, 2024: **IEEE 8th Forum on Research and Technologies for Society and Industry Innovation (RTSI)**

ICAIGE

2024 international Received Awards:

IEEE IAS CMD 'Outstanding Chapter Advisor Award 2024': IAS ENET'COM Chapter Advisor, **Dr. Mohamed Neji**



Planned activities

Technical challenges during TSYP 2024:

The grid contains the following technical challenges:

- Top Row:**
 - Technical Challenge: 'ZEN Virtual Dressing'** (November 30th at 11:59 PM) by ZEN and IEEE CIS Tunisia Chapter.
 - Technical Challenge: 'Smart and Sustainable Industrial Zones for Tunisia 2056'** (December 5th at 11:59 PM) by IAS Tunisia Section Chapter.
 - STAR PROGRAM Challenge: 'WIE STAR Program'** (December 10th at 11:59 PM) by WIE Tunisia Section Affinity Group.
- Middle Row:**
 - Technical Challenge: 'Smartshield: AI-Driven Cybersecurity Incident Response Automation'** (November 10th at 11:59 PM) by IEEE young professionals Tunisia Section and IEEE COMPUTER SOCIETY Tunisia Chapter.
 - Technical Challenge: 'AI for Mental Health Advancement: From Early Alerts to Continuous Support'** (October 22nd at 11:59 PM) by IEEE EMBS Tunisia Section Chapter.
 - Technical Challenge: 'ICs for climate change sustainability'** (November 21st at 11:59 PM) by IEEE SSCS Tunisia Section Chapter.
- Bottom Row:**
 - Technical Challenge: 'Chess Coach Robot: A Personalised Learning Experience for Young Students'** (November 20th at 11:59 PM) by IES Tunisia Chapter, IES SMC Society Tunisia Chapter, and IEEE Education Society Tunisia Chapter.
 - Technical Challenge: 'SpaceTech for Earth'** (December 6th at 11:59 PM) by IEEE AESS Tunisia Section Chapter.
 - Technical Challenge: 'Climate Action through Robotics'** (November 6th at 11:59 PM) by IEEE RAS Tunisia Chapter and IEEE PES Tunisia Chapter.

2024 Tunisia Section Student Paper Contest

Call - 2024 Tunisia Section Student Paper Contest - by 31 October

IEEE eNotice - enotice@notices.ieee.org to me

Mon, Aug 26, 10:56 AM

The world's largest technical professional organization dedicated to advancing technology for the benefit of humanity

If you are having trouble reading this message, [click here](#) for the web version.

Dear

IEEE Tunisia section is organizing a student paper contest on Saturday 23 November 2024.

The call for student paper contest is open to all IEEE Students and IEEE Graduate Students members of an IEEE student branch in Tunisia.

The work presented in the paper (up to 6 pages using IEEE A4 template) must have been completed during 2024 undergraduate or Master graduate studies. Ph.D. research papers are not included. Papers should cover technical and engineering aspects of a subject reasonably within or related to the areas with which the IEEE is concerned. The work need not be original in engineering or scientific content but should be original in treatment and clearly show the author's contribution to the subject.

Submission of the paper to the Tunisia Section SPC must be completed via the following form (requires @ieee.org google login for access) by 31 October 2024: [TUN_SPC_2024](#)

The Tunisia SPC is a part of the IEEE Region 8 SPC. Further details about the SPC rules: <https://ieeer8.org/category/student-activities/sa-spc>

Tunisia SPC Awards for winners:

- 1- Award certificate
- 2- FREE IEEE TSYP Congress registration (includes 2 nights accommodation)
- 3- Opportunity to present the work during the Tunisia SPC session
- 4- Bonus of 20 points to be added to the author's IEEE Student Branch TSYP challenge score
- 5- Qualification for the R8 SPC. The top 5 papers selected by R8 (from all winners at the R8 sections levels) will be published in IEEE Xplore platform and the first authors will receive travel grants to present their papers during the 2025 R8 EUROCCON conference in Poland. The top 3 papers will receive cash awards of \$800 (+ \$250 for author's), \$500, and \$200.

Planned Conferences, Schools and Congresses:

- 13 October 2024: **Meeting with the 2024 IEEE President**
- 31 October - 3 November 2024: **2024 IEEE International Multi-Conference on Smart Systems & Green Process (IMC-SSGP)**
- 2 - 3 November 2024: **2024 International Symposium of Systems, Advanced Technologies and Knowledge (ISSATK)**
- 5 - 7 November 2024: **2024 IEEE Eleventh International Conference on Communications and Networking (ComNet)**
- 22 - 24 November 2024: **2024 Third International Conference on Sustainable Mobility Applications, Renewables and Technology (SMART)**
- 9 - 11 January 2025: **2025 IEEE 6th International Conference on Image Processing, Applications and Systems (IPAS)**
- 17 - 20 February 2025: **2025 IEEE 22nd International Multi-Conference on Systems, Signals & Devices (SSD)**
- 20 - 22 February 2025: **2025 5th IEEE Middle East and North Africa Communications Conference (MENACOMM)**
- 5 - 7 May 2025: **2025 Joint Urban Remote Sensing Event (JURSE)**
- 24 - 26 August 2025: **2025 IEEE 9th Forum on Research and Technologies for Society and Industry (RTSI)**
- 24 - 25 September 2025: **2025 International Conference on Recent Advances in Mathematics and Informatics (ICRAMI)**
- 22-24 December, 2024: **TSYP'12**

Granted Awards by Tunisia section for its units and volunteers, on December of each year:

- 3 Outstanding Student Branch Awards (categories: Large, medium and Small)
- Outstanding Student Branch Chapter Award
- Outstanding WIE Student Affinity Group Award
- Outstanding Chapter award
- Outstanding Achievement Award
- Rising Star Awards

Proposal of New Awards:

- Counselor Award
- Women in Leadership Award
- Outstanding Young Professional (YP) Award
- Innovation Award