SMC Report for Tunisian SYP 13.0

SMC Society support for 2025 Tunisian SYP

- **Overview:**

The **IEEE Tunisian Student and Young Professional** (TSYP) Congress 2025 was held from **December 22nd to 24th, 2025**, at the **Medina Congress Center, Yasmine Hammamet, Tunisia**. It is the foremost technical gathering in Tunisia and the largest IEEE congress in Region 8. Organized by the IEEE Tunisia Section and the IEEE ENIS Student Branch, the congress brings together over **1,300** engineering students and young professionals.

The event serves as a global platform for **experts**, **researchers,** and **young innovators** to **exchange knowledge on technology**, **innovation**, and **entrepreneurship**. It features **keynote talks**, **panel discussions, interactive workshops**, **IEEE Tunisia Section Organizational Units' technical challenges**, and the Herotopia Forum.

Participants have benefited from **mentorship**, **career development**, and **networking opportunities** through technical sessions, a poster session, and various social activities. The congress also aims to strengthen the collaboration between academia and industry, fostering internship, recruitment, and partnership opportunities.

Website: https://tsyp.ieee.tn/

Social media: https://tsyp.ieee.tn/Links/

Vtools link: https://events.vtools.ieee.org/m/526895

- **Program:**
  - **Opening ceremony:(22nd December 2025)**

The opening ceremony of TSYP 13.0 commenced with the official congress video followed by the Tunisian National Anthem. The session was moderated by Ms. Nour Jeday and Mr. Dhiaa Mejdi, who introduced a series of distinguished speakers. Welcoming remarks were delivered by the TSYP Congress Chair, the IEEE ENIS Student Branch Chair, the ENIS Director, and IEEE Tunisia Section representatives, emphasizing leadership development, student engagement, and academia–industry collaboration. The ceremony featured keynote addresses by Mr. Nizar Yaiche and Prof. Andrew Douglas Lower, highlighting the human dimension of technology and the value of active engagement within IEEE. This was followed by a panel discussion on leadership and impact, bringing together renowned figures from academia, industry, and IEEE leadership. Cultural performances and partner interventions reinforced the importance of innovation, youth empowerment, and collaboration. The ceremony concluded with a

Technical and Humanitarian session presenting opportunities offered by various IEEE societies and initiatives.

○ **Job fair:(22nd December 2025)**

A total of 76 exhibition booths were organized for Student Branches, IEEE units, partners, sponsors, and startups. The exhibition space fostered strong networking, engagement, and knowledge exchange among participants and guests. Student Branches and IEEE units showcased their activities and initiatives, reinforcing visibility and collaboration. Overall, the exhibition contributed significantly to the professional, academic, and industrial impact of the congress.

○ **Technical & Non Technical sessions:(23 rd December 2025)**

At the 13th edition of IEEE TSYP, a diverse range of workshops was organized, addressing various aspects of technology, innovation, and professional development. The workshop program was structured into four time slots, with each session lasting one hour and a half, allowing participants to engage deeply with the topics presented.

Additionally, we were honored to welcome Ms. Ljiljana Trajković, IEEE SMC Distinguished Lecturer, who presented Data Mining and Machine Learning for Analysis of Network Traffic, sharing insights on advanced techniques for network analysis and optimization.
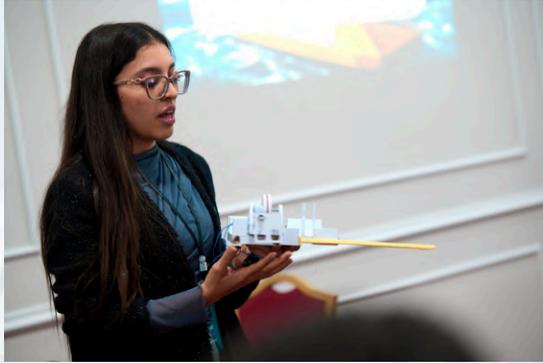
○ **Technical and non-technical challenges:(23rd December 2025)**

The challenges at **TSYP 13** served as annual benchmarks for Student Branches, reflecting their achievements in membership development, technical expertise, and innovation. For this edition, **9 technical challenges** along with the **SAC Tunisia challenge** were introduced more than two months prior to the congress, providing participants with a platform to showcase their ideas, solutions, and projects to a panel of experts. These sessions fostered creativity, innovation, and entrepreneurial spirit, offering valuable feedback to enhance project development skills and contributing to the overall growth and engagement of the IEEE community.

- ○ **Awards ceremony:(23rd December 2025)**

During the awards ceremony, we celebrated the dedication and accomplishments of the Student Branches. This special moment recognized their hard work throughout the year. Awards were presented to honor their initiatives, projects, and impact. The ceremony highlighted the importance of student engagement and excellence within IEEE.

○ **Closing ceremony:(24th December 2025)**

During the closing ceremony, we celebrated the achievements of our Student Branches and Tunisia volunteers with awards presented by the Tunisia Section Awards Committee. This was followed by the pitching of finalists showcasing their vision to host the next edition. A Q&A session and voting then took place, engaging participants in the selection process. The ceremony concluded with the announcement of the winning team, marking a memorable end to the congress.