



**IEEE  
COMPUTER  
SOCIETY**

*Colombian Caribbean  
Section Chapter*

CARTAGENA

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RECAP

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**IEEE**  
*Advancing Technology  
for Humanity*

**IEEE**  
**ColCaribe**  
Colombian Caribbean Section

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## 1 Editorial



We are all called to transform lives and improve society. We do it with technology. One line of code at a time will contribute to the change that benefits humanity.  
Hector.



In this month of March, we want to highlight and celebrate Women's History Month. To support this initiative and promote sustainability, we have implemented a new policy in our chapters. Now, each student chapter has at least two women on its board of directors, while in the professional

chapter, we are promoting the role of WIC Representative. In the various calls and competitions, it is important to include women, as seen in the case of the IEEEExtreme Programming.

March has been a remarkable month in terms of membership, with an impressive 11% increase in new professional members and an exciting 44% growth in student members. This has led us to achieve an overall growth of 38%. This achievement has been driven by our 50% discount offer for new members.

Furthermore, we are pleased to announce that we have 49 participants in the IEEE CS Byte2Solution Programming, which we will kick off in April with the training phase leading to IEEEExtreme Programming Competition. We are excited about the partnerships we have formed with software development communities in Barraquilla, strategically designed to attract young professionals and industry experts.

In this month of recognition, we celebrate the achievements and contributions of all women in technology and science. At IEEE and the Computer Society, we are committed to continuing to promote diversity and gender equality in our community.

Thank you all for your continued support and dedication. Together, we move towards an inclusive and successful future.



Hector Teran

Chapter Chair

IEEE Colombian Caribbean Section Computer Society Chapter.

## 2 About US

IEEE is the world's largest professional association advancing technology for the benefit of humanity. IEEE has 39 technical societies, among which is the IEEE Computer Society

Engaging computer engineers, scientists, academia, and industry professionals from all areas of computing, the IEEE Computer Society (CS) sets the standard for the education and engagement that fuels continued global technological advancement. Through conferences, publications, and programs, and by bringing together computer science and engineering leaders at every phase of their career for dialogue, debate, and collaboration, IEEE CS empowers, shapes, and guides the future of not only its members, but the greater industry, enabling new opportunities to better serve our world.



### 3 Strategic Goals and Themes for the Society and Section

#### What We want to achieve

**Goal 1.** Engage more students and early career professionals.

**Goal 2.** Engage more industry individuals and organizations

**Goal 3.** Lead the new technical areas.

#### How the Society needs to work

- Theme 1. Empower and diversify volunteer base.
- Theme 2. Enable nimbleness in execution.
- Theme 3. Maintain focus on diversity and inclusion.

### Strategic Goals for the Section

**Goal 1.** Strengthening of Memberships and Volunteerism.

**Goal 2.** Establishment of Professional and Student Branch Chapters.

**Goal 3.** Student Empowerment.

**Goal 4.** Strengthening at the national level by identifying potential Senior Members, Distinguished Visitors who participate in IEEE C3 and other national and international events.

### 4 Our Mission and Vision

Our mission is to contribute to achieving society's goals by promoting the benefits of membership to attract new members and retain those who are already part of the chapter

Our Vision is to strive to become the leading IEEE Computer Society chapter in Region 9 Latin America and globally, convening impactful events that engage children, teenagers, young professionals, professionals, academia, industry, and government for the benefits of humanity.



## 5 Our New Members

This March, we are pleased to welcome new members to the IEEE Colombian Caribbean Section Computer Society Chapter. This signifies a significant growth, with an 11% increase in new professional members and an exciting 44% rise in student members. One of the incentives is the 50% discount for new members, extended until August 15<sup>th</sup>, along with the attractive registration for the IEEE CS Byte2Solution Programming competition.

On this occasion, we introduce:



## 6 Recap all Chapters

### 6.1 IEEE Colombian Caribbean Section Computer Society Chapter

Here's a quick recap of the latest from our Professional Chapter:

◆ **Vacancy for WiC Representative:** Calling all aspiring women in computing! We have an open position for the role of WiC (Women in Computing) Representative. We look forward to receiving your applications!

◆ **IEEE Young Professional Fund Application:** Our chapter's application for the IEEE Young Professional Fund has been successfully approved. This event is scheduled to take place on October 3<sup>rd</sup>.

◆ **IEEE CS Byte2Solution Programming:** Registrations for this competition have been a success with 49 participants to date, including 10 women. This marks a significant achievement in the gender parity efforts of the chapter. The training phase will commence on April 15<sup>th</sup>, with registrations remaining open until the end of April.

◆ **New Alliance:** Our chapter has formed alliance to collaborate with various development software communities in Barranquilla, aiming to attract young professionals and industry experts. As a result, an agreement has been reached to host a joint event together.





## 6.2 IEEE Universidad Simón Bolívar Computer Society Student Branch Chapter

Here's a quick recap of our exciting activities this March:

◆ **IEEE CS Byte2Solution WiC:** On March 5<sup>th</sup>, this event took place, focusing on empowering women engineers to pursue their careers. Professional engineers shared their daily experiences, the treatment they have received, and valuable advice to keep moving forward without giving up, inspiring everyone to achieve their dreams.

◆ **IEEE CS ON BOARD:** On March 11<sup>th</sup>, a breakfast gathering was held for IEEE members to get to know each other better. Various projects and ideas were discussed, and overall, the camaraderie was greatly enjoyed, reinforcing trust within the group.

◆ **IEEE TTT 2024:** The chapter participated in the IEEE Tropic Epic Tour event organized by SAC at UTB.





### 6.3 IEEE Universidad de la Costa Computer Society Student Branch Chapter

Here's a quick recap of our exciting activities this March:

◆ **IEEE CS Byte2Solution WiC:** In March, the IEEE Computer Society CUC Student Branch Chapter organized an event on March 8<sup>th</sup> in commemoration of International Women's Day, titled IEEE Byte2Solution Women in Computer (WIC). During this event, a presentation titled "Git: Not as Difficult as It Seems, I Promise" was delivered. Thanks to this event, there were new enthusiasts and members joining the chapter.

◆ **IEEE TTT 2024:** The chapter participated in the IEEE Tropic Topic Tour event organized by SAC COLCARIBE at UTB.



## 6.4 IEEE Universidad del Norte Computer & Communications Societies Student Branch Joint Chapter

Here's a quick recap of our exciting activities this March:

◆ **Math with Python Lab:** Mathematics workshop with python applied to engineering and exact sciences. Sympy, numpy, matplotlib and many more useful tools.

◆ **Web Development Workshop:** Second and third session of the five sessions of the workshop, with many attendees, impacting students from Uninorte and Unisimón. A space designed to offer the community tools to improve their skills and meet people.

◆ **IEEE TTT 2024:** The chapter participated in the IEEE Tropic Topic Tour event organized by SAC at UTB.





## 6.5 IEEE Universidad Cooperativa de Colombia Sede Santa Marta Computer Society Student Branch Chapter

Here's a quick recap of our exciting activities this March:

◆ **New election Executive Committee:** Our chapter's new executive committee was elected through a transparent process with significant student participation. This marked a crucial step demonstrating democracy within our academic community and laid the foundation for solid and visionary leadership to guide our future activities and projects.

◆ **Conferences:** We proudly organized two conferences that garnered attention from our students, faculty, and the broader academic community. The first conference focused on renewable energies, highlighting the critical role of computing innovation in accelerating the adoption of clean and sustainable energy solutions. This theme is pivotal for the future of our planet.



## 7 Awards, Scholarships, & Contests from IEEE Computer Society

The **Richard E. Merwin Student Scholarship** offers \$40,000 in student scholarships to recognize and reward active student volunteers in IEEE Student Branches or IEEE Computer Society Student Branch Chapters who show promise in their academic and professional efforts. Students are eligible for up to US \$1,000.

Evaluation criteria include participation in student IEEE branch/chapter activities (30%), academic achievement (30%), extracurricular activities (10%), letter of recommendation from student branch/chapter advisor (20%), and quality of Student Ambassador vision statement (10%).

Application

<https://www.computer.org/volunteering/awards/scholarships/merwin>

## 8 Upcoming Events



IEEE Education Week is a weeklong celebration of educational opportunities provided by IEEE and its many organizational units, societies and councils from around the world. IEEE Education Week is a great way to explore education programs and offerings from IEEE.





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