Section Name: Spain

Section Vitality

We are running now elections for Vice-President, Secretary, Treasurer and vocals for the next two years. During last 2-years period, there were many ExCom and BoD meetings. Regarding memberships, the Section worked in reports to promote the recruitment of new members. Also, the goal was the ability to disseminate the visibility of the members. It was improved the number of online activities to maintain the Section vitality and consequently retain and recruit new members. The Section promoted (and promotes) the relationships with the industry to add more value to IEEE membership.

There were also activities of support to the membership elevation. The Section promoted the Senior Member promotion, assisting to our member candidates with the application form and putting them in contact with the references. Same process happens with the promotion to Fellow degree. Till date of this report, the success of presented candidatures to Senior Member is higher to 90%. For Fellow degree, we don't have received results already.

It was also promoted the close collaboration with other areas of our section, to encourage the enrolment of new members, especially students and the promotion of discount for renewal of memberships.

Now we are beginning with a newsletter publication for all the Section's members, starting January 2024.

Students

There were training activities for Student Branches (SBs), online and face-to-face. The activities have been configured with the objective of improve the interaction among participants from different SBs at Spain Section. Apart of the annual award for best SB, the Section promoted the 1st edition of Award "Best Counselor". The result was a success and edition 2024 is in progress. The Section also made a survey to the SBs to get opinions of enrichment, collaborative projects between SBs and virtual meetings via discord. To date of this report, the SSR renewal process of the Section and of the SB Counselors have also started. Regarding activities of Young Professionals (YP), the Section promoted (and promotes) IEEE through our SBs in different Universities in Spain. During the last edition of IEEE Day, YP participated in round tables related with Doctorates (academia and industry mention respectively) and in the centenary anniversary of Telecommunication Engineering in Spain. Also, YP participated at last edition of SWYP and they will do in current edition.

The current list of SBs is:

IEEE SB UV (Valencia)

IEEE SB UNED

IEEE SB UMA (Malaga)

IEEE SB UMH (Elche)

IEEE SB UGR (Granada)

IEEE SB UA (Alicante)

IEEE SB Madrid

IEEE SB UVigo

IEEE SB UPC (Barcelona)

IEEE SB UNIZAR (Zaragoza)

IEEE SB UNIOVI (Oviedo)

IEEE SB Cartagena

IEEE SB US (Sevilla)

Affinity Groups

The section promoted (and promotes) the relationship between Affinity Groups (AGs) and collaboration through organizing common accomplishments. About YP AG, the activities were introduced before.

Life Member (LM) AG in now programming election of authorities in the next months. Together with the History and Milestones group, both Affinity groups are creating a synergic cooperation to promote joint activities and to expand emerging activities in both areas. To this end, LM AG promoted activities jointly coordinated with the History section, mainly oriented to the dissemination of the history of the IEEE related technologies and to the promotion of the IEEE Spain Section. They continue exploring the cooperation with the IEEE R8 to include the history of the IEEE Spain Section into the IEEE Engineering and Technology History Wiki (ETHW) and into the IEEE R8 History Book. Also, they are actively collaborating with the newsletter the Section is preparing for all members.

The SIGHT AG promoted meetings with University of Oviedo (Spain) and NGOs (Non-Governmental Organizations) to participate in the call of the Spanish Agency for Cooperation Development International, for a prototype project portable solar powered water pump in Mozambique. SIGHT AG also promoted meetings with Asociación Sociocultural Alianza Hispano-Senegalese (DEGGO) and the University of Dakar (Senegal) for the application of ITC. Till date of this report,

SIGHT area has sent application to participate in the call IEEE Humanitarian Activities Committee with the proposal "Improving the security of immigrant training by integrating COVID tracking in the academic support mobile app.".

WiE AG participated at events of major visibility like last edition of IEEE Day. Concretely, WiE organized a round table with speakers (women) from academia and other institutions. In addition, through the Spanish chapter of the IEEE Education Society, it has launched the MOOC "Educational Robotics for all: gender, diversity, and inclusion in STEAM (2nd ed)". The objective is to develop the pedagogy of STEM promoting the inclusion and integration of students and women in particular. The MOOC had the collaboration of other institutions. The section also promoted (and promotes) the presence of women in several events recently organized.

Chapters

It was held a coordination session for chapter revitalization. The main objectives were improving work group, synergy efforts in reporting and improving strategies. In addition, the chapters promoted activities, mostly webinars and conferences. We have at least one conference or seminary organized by the Chapters in each month of the year, showing the vitality of the chapters in the Section.

During the last edition of IEEE Day the Spanish chapter PES was recognized with the Award "Best Chapter". The section has started the preparation of a new award 2024 "Distinguished Chapter Member" to recognize major accomplishments of their members.

The list of chapters is:

IEEE Aerospace and Electronic Systems Society

IEEE Microwaves & Antennas Propagation Society Joint Chapter

IEEE Broadcast Technology Society

IEEE Circuits and systems Society

IEEE Computational Intelligence Society

IEEE Computer Society

IEEE Consumer Electronics Society

IEEE Control Systems and Industry Applications Society Joint Chapter

IEEE Education Society

IEEE Electromagnetic Compatibility Society

IEEE Electron Devices Society

IEEE Geoscience and Remote Sensing Society

IEEE Industrial Electronics Society

IEEE Information Theory Society

IEEE Instrumentation and Measurement Society

IEEE Intelligent Transportation Systems Society

IEEE Magnetics Society

IEEE Oceanic Engineering Society

IEEE Power and Energy Society

IEEE Robotics and Automation Society

IEEE Systems, Man, and Cybernetics Society

IEEE Communications Society, Signal Processing Society Joint Chapter

IEEE Vehicular Technology Society

IEEE Technology and Engineering Management Society

According to our records, 11 Chapters have reported on time and received rebate.

Industry and External Organizations

In 2023, we wanted to strengthen the relationship between Spain Section and the community. We have signed an agreement with Renault España, to promote the organization of bilateral activities, including courses, awards, etc. We have contributed to the dissemination of thematics for Master and PhD thesis and the development of internships for undergraduate students.

We have also signed an agreement with the Institute of the Engineering of Spain (IIE in Spanish acronym), an organization that nucleates the largest technical professional associations in Spain, including industrial, mechanical, telecommunications and other branches. In this agreement, we want performing cooperation activities, including courses, seminaries and other collaborations. The 2023 IEEEDay was celebrated in the localization of IIE, with a large presence of the public.

In December 2023, we have signed an agreement with the Young Academy of Spain, searching for promoting the young talent in the industry. We hope many activities could result from this cooperation.