

France Section

Richard Perdriau, Section Secretary

Section Vitality

In 2022, three ExCom meetings were held on April 13 (in Paris), July 13 (virtually) and December 20 (in Paris). Two General Assemblies were organized on March 25 and December 20 (both in Paris, the latter along with the ExCom meeting). The next General Assembly in 2023 is scheduled on March 9.

On December 10, 2022, the Section gathered 3563 members. Compared with December 31, 2021 (3021 members), this is a very significant increase which takes the Section to approximately the same level observed just before the Covid-19 crisis. More specifically, there is a very steep increase in Student members (240 vs. 57) and Graduate Student members (519 vs. 138). It can be noted that there were 231 Student Members and 398 Graduate Student Members in 2019.

New elections for the Section were held from October 30 to November 30, 2022. As France Section is concerned, both the Section Chair and Vice-Chair are elected (the Vice-Chair does not implicitly become the next Chair). Six positions (provided below) were renewed:

- Chair: René Garello
- Vice-Chair: Maria Trocan
- Treasurer: Jaafar Gaber
- Secretary: Richard Perdriau (re-elected)
- Officer for Conferences and Workshops: François Rivet
- Officer for Member Technical Activities: Serge dos Santos

These results were announced on December 1 and formally validated by the General Assembly on December 20.

As of December 31, 2022, 12 conference technical sponsorship requests have been filed, and all have already been accepted. Financial sponsorship for RTSI was accepted, as well as financial management for 3 conferences (WPW, RTSI, ISAF).

Students

Active Student Branches:

- STB02881 University of Lille
- STB15361 University of Bordeaux
- STB08231 Telecom Paris
- STB66001 Eurecom Institut
- STB10034 Inst Supérieur de l'Aéronautique et de l'Espace
- STB11699 Jean Monnet University
- STB17521 University of Limoges
- STB64264 Ecole CentraleSupélec
- STB64630 Ecole Polytechnique (Paris)
- STB18341 Univ de Franche Comté
- STB06661 Institut Sup Electronique de Paris
- STB99741 University of Toulouse (**reactivated in January 2023**)
- STB60108042 INSA Centre Val de Loire

Student Branches with no recent declared activity:

- STB05391 Sorbonne University
- STB08421 University of Reims Champagne-Ardenne
- STB09711 Grenoble Alpes University
- STB62561 IMT-Atlantique
- STB64381 University of Picardie Jules Verne
- STB65921 Institut Mines-Telecom – Telecom Paris
- STB99801 Ecole Sup D'Elec de l'Ouest

10 Student Branches received rebates in 2021 (vs. 9 in 2020). 40 events were organized in 2022 (excluding the 11 events specifically organized by SB Chapters). The total of 51 events is greater than the 39 events registered in 2021, and close to that before the Covid-19 crisis.

Claire Lajoie-Mazenc, then Section Chair, gave administrative and technical talks for the University of Lille SB in September to present the France Section and the role of energy storage in energy transition.

A general meeting of Student Branches was organized on December 6-8 by the University of Lille and University of Bordeaux SBs. The topics addressed by the meeting will be:

- The Life of a Student Branch
- Funding and Communication
- vTools Training
- Cooperation and Communication among SBs

Affinity Groups

List of Affinity Groups:

- LM80005 Life Members
- WE80005 Women in Engineering
- YP80005 Young Professionals

List of SB Affinity Groups:

- SBA02881 University of Lille, WiE

LMAG is always very active (8 events in 2022) and received rebates in 2021 (with activity bonus). The AG Chair is Bernadette Bouchon-Meunier (replacing Victor Fouad Hanna).

WiE: no event in 2022. The Chair decided to resign in 2021. After several calls for volunteers since then, two candidates finally applied, but only one (Florence Sèdes, founder of the WiE AG in France) is eligible. Therefore, Mrs. Sèdes is scheduled to be appointed WiE Chair by the General Assembly on March 9.

YP: finally reactivated in 2022 after two blank years. The former Chair had not responded to messages for almost two years. A call for candidates made it possible to identify a potential volunteer, who finally resigned in January 2021. Another call was launched in 2022, leading to the volunteering and appointment of Kévin Hérisse (former University of Lille SB Chair) as YP AG Chair by the General Assembly in December 20, 2022.

Chapters

List of Chapters:

- Aerospace and Electronic Systems (AES10)
- Antennas and Propagation (AP03)
- Computer (C16)
- Circuits and Systems (CAS04)
- Computational Intelligence (CIS11)
- Communications (COM19)
- Control (CS23)
- Electron Devices (ED15)
- Engineering in Medicine and Biology (EMB18)
- Electromagnetic Compatibility (EMC27)
- Electronics Packaging Society (EP21, ex-CPMT21)
- Geoscience and Remote Sensing (GRS29)
- Industry Applications – Industrial Electronics – Power Electronics (IA34/IE13/PEL35 Joint Chapter)
- Instrumentation and Measurement (IM09)
- Information Theory (IT12)
- Magnetics (MAG33)
- Microwave Theory and Technology (MTT17)
- Nuclear and Plasma Sciences (NPS05)
- Oceanic Engineering (OE22)
- Power and Energy (PE31)
- Photonics (PHO36)
- Reliability (R07-RL07)

- Robotics and Automation (RA24)
- Sensor Council (SEN39)
- Systems, Man and Cybernetics (SMC28)
- Signal Processing (SP01)
- Solid-State Circuits (SSC37)
- Vehicular Technology (VT06)

List of SB Chapters:

- SBC02881 University of Lille, CAS04
- SBC02881A University of Lille, SSC37
- SBC10034 Inst Supérieur de l'Aéronautique et de l'Espace, NPS05
- SBC10034A Inst Supérieur de l'Aéronautique et de l'Espace, AES10
- SBC10034B Inst Supérieur de l'Aéronautique et de l'Espace, IA34
- SBC11699 Jean Monnet University, NPS05
- SBC12551A Univ de Tech de Belfort-Montbéliard, IA34
- SBC15361A University of Bordeaux, MTT17
- SBC15361B University of Bordeaux, AP03
- SBC15361C University of Bordeaux, CAS04
- SBC15361D University of Bordeaux, IM09
- SBC15361E University of Bordeaux, SSC37
- SBC15361F University of Bordeaux, EMB18
- SBC15361G University of Bordeaux, SP01
- SBC18341A Univ De Franche Comté, UFFC20
- SBC18341B Univ De Franche Comté, RA24
- SBC64381A Univ of Picardie Jules Verne, IA34
- SBC99741A? University of Toulouse, SP01 (**new in January 2023**)

A total of 95 events were organized by all Chapters in 2022 (99 in 2021), 11 by SB Chapters. The number of 39 events in 2021 was erroneously computed for SB events and SB Chapter events altogether.

Industry

France Section (Officers and Volunteers) widely contributed to the IEEE RTSI 2022 conference, organized in Paris from August 24 to August 26:

- Pascal Lorenz (then Section Treasurer): General Co-Chair, Finance Co-Chair
- Frédérique Vallée (then Section Past President): Local Organizing Committee Co-Chair, Finance Co-Chair, Exhibition and Industry Forum Co-Chair
- Nathalie Deltimple (then Officer for Conferences): Local Organizing Committee, Electronics, Micro-electronic and System Integration Track Chair
- Johan Debayle (then Volunteer, Membership): Technical Program Co-Chair
- Serge dos Santos (then Volunteer, Action for Industry): Technical Program Co-Chair
- Anthony Ghiotto (then Volunteer, Student Activities): Student Forum Co-Chair

The event was co-sponsored by Region 8 as well as Italy, Switzerland and United Kingdom Sections. 33 papers were presented, as well as 5 tutorials and 8 panels.

The Section Chair participated in the welcome address along with Antonio Luque, R8 President, and Gérard-André Capolino, RTSI Co-Chair.

Diversity, Equity and Inclusion

Please note that all statistics based on race, religion and sexual orientation are strictly forbidden in France.

13.1 % of Section members are women (and another 13.4 % did not indicate any gender).

The current Section ExCom includes 1 woman (out of 6) as the Vice-Chair. 5 Chapter Chairs (AP03, CAS04, IT12, SMC28 and SSC37), plus the LM Affinity Group Chair, are women. 1 SB Chair (University of Toulouse) and 2 SB Vice-

Chairs (INSA Centre Val de Loire and Jean Monnet University) are women. Moreover, the WiE Affinity Group will be officially reactivated in the upcoming General Assembly.

Activities since the last report

Highlight some of the activities in your Section, with special attention to the things that work well, and things that don't, so that your acquired know-how can be used by other Sections.

Planned activities

A meeting will be organized with Chapters and Student Branches (plus the Section ExCom and volunteers) in Paris on March 9-10. At the time when the current report is written, 13 Chapters out of 27, plus the Joint Chapter, as well as 5 Student Branches, agreed to participate. The event will be split into two morning sessions (plus the Section's General Assembly on March 9 afternoon).

The first morning will be dedicated to a general presentation of Section activities by the Section Chair, followed by individual presentations of Chapter and Student Branch activities. In the second morning, all participants will be invited to work in groups, in order to exchange their best practices and collectively suggest improvements to the whole Section, Chapter and SB workflows. Moreover, a strategic planning for the Section will be built from this group work.

The Section will continue its active support to conferences.

Following the appointment of the new WiE AG Chair, a meeting will be organized to present the AG's planned activities.

How Region 8 can be of help to your Section, members, and activities

As mentioned in the previous report, the Section found it particularly difficult to find candidates and volunteers for the past elections (only one candidate for the Secretary position, and much time spent for the Treasurer position). This may be due to the amount of time required to fulfill all duties in a timely manner by people who are already busy with their jobs.

R8 could help by targeting relevant information to the correct recipients (while the Section Chair still being in CC instead of the only recipient):

- Conference matters are currently not directed to the Officer for Conferences, despite multiple requests at all levels; the Section Chair is currently trying to sort this concern out
- The Section Secretary still does not receive any request for reports directly (including this one)

Moreover, more frequent and consistent interactions with R8 could help to improve the Section's strategic planning to be established in the current mandate.

Finally, conference advertising, as well as MOU approval processes, should be clarified between R8 and the Section.

Any other issues of interest

None.