

France Section

Richard Perdriau, Section Secretary

Section Vitality

Two ExCom meetings were held on April 13 (in Paris) and July 13 (virtually). A General Assembly was organized on March 25. The last ExCom meeting and General Assembly of the current mandate are scheduled on December 20.

As a followup of the general Section meeting in October 2021, a Student Branch Representative was nominated to the Section's extended ExCom: the position is held by Julien Duforest, University of Lille SB Chair.

On May 31, 2022, the Section gathered 3021 members. Compared with May 31, 2021, there is a slight decrease of Student members (244 vs. 257) and a good increase of Graduate Student members (482 vs. 409). Member grades are stable (1516 vs. 1503).

Seven Section members (Dominique Baillargeat, Laure Blanc-Féraud, Cédric Févotte, Daniel Hissel, Christophe Prieur, Emmanuel Vincent, Dimitris Visvikis) were elevated to Fellow grade, three of which attended the General Assembly on March 25. A talk was given by Dominique Baillargeat on nanomaterials for radio-frequencies. At the same time, the '2021 Student Branch of the Year' and '2021 Volunteer of the Year' awards were revealed.

The extended ExCom (Conseil d'Administration) of the Section participated in a meeting with Saifur Rahman, 2022 IEEE President-Elect, and Tariq Durrani, Past VP of IEEE Educational Activities, during their visit to Paris on April 13. Thanks to the Section Chair, a parallel meeting was organized between the 2022 President-Elect and the President and Secretary-General of CIGRE (Worldwide Association of Stakeholders for Power Grid), in which the participants could exchange their experience.

The previous elections were held in 2019. New elections for the Section will be held in 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) will be renewed. The official list of candidates was announced on September 12:

- Chair: Jonathan Attia, René Garello
- Vice-Chair: Johan Debayle, Mohamed Djemai, Maria Trocan
- Treasurer: Jaafar Gaber, Ahmed Sehrhouchni
- Secretary: Richard Perdriau
- Officer for Conferences: Serge dos Santos, Patricia Grassin
- Officer for Technical Activities: Habiba Ouslimani, François Rivet

Voting will take place from October 30 to November 30. Results will be announced on December 1 and validated by the General Assembly on December 20.

As of July 13, 11 conference technical sponsorship requests have been filed, and all have already been accepted. Financial sponsorship for RTSI has been accepted, as well as financial management for 3 conferences (WPW, RTSI, ISAF).

Students

Active Student Branches:

- STB02881 University of Lille (104 members vs. 70 in 2021)
- STB15361 University of Bordeaux (132 members vs. 72 in 2021)
- STB08231 Telecom Paris
- STB66001 Eurecom Institut
- STB10034 Inst Supérieur de l'Aéronautique et de l'Espace
- STB11699 Saint Etienne University
- STB17521 University of Limoges
- STB64264 Ecole CentraleSupélec
- STB64630 Ecole Polytechnique (Paris)
- STB18341 Univ De Franche Comté
- STB06661 Institut Sup Electronique de Paris (reactivated in May 2022)
- STB60108042 INSA Centre Val de Loire (**created in June 2022**)

Student Branches currently under reactivation:

- STB99801 Ecole Sup D'Elec de l'Ouest
- STB09711 Natl Polytechnic De Grenoble Ensieg

10 Student Branches received rebates in 2021 (vs. 9 in 2020).

The 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 will be 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

- LM80005 Life Members
- WE80005 WiE
- YP80005 Young Professionals

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

WiE: no event in 2021. The Chair decided to resign. After several calls for volunteers since then, one candidate finally applied in August 2022, and elections will be organized. We hope that the WiEAG will be eventually reactivated.

YP: finally reactivated in 2022 after two blank years. The former Chair has not been responding to messages for more than one year. 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 election of Kévin Hérisse (former University of Lille SB Chair) as YPAG Chair.

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 (EP, 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 Techniques (MTT17)
- Nuclear and Plasma Sciences (NPS05)
- Oceanic Engineering (OE22)
- Power and Energy (PE31)
- Photonics (PHO36)
- Reliability (R07-RL07)
- Robotics and Automation (RA24)
- Sensor Council (SEN)
- Systems, Man and Cybernetics (SMC28)
- Signal Processing (SP01)

- Solid-State Circuits (SSC37)
- Vehicular Technology (VT06)

List of SB Chapters and Affinity Groups:

- SBA02881 University of Lille, WiE (**created in 2022**)
- 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 Saint Etienne 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

Two thirds of the chapters (18 out of 27) reported on time and received rebates in 2021 (vs. 21 in 2020). Moreover, activity bonuses were awarded to C16, CAS04 (15 technical meetings), SSC37, SEN39 and MTT17. EMC27, AES10 and EP21 resumed their activities.

The Section sadly reports the passing away of Pierre Saurel, C16 Chair and IT12 Vice-Chair.

A local WiE affinity group was created in the University of Lille SB in 2022.

A total of 99 events were organized by all Chapters in 2021 (96 in 2020), 39 by SB Chapters (18 in 2020). Those numbers are still significantly lower than in 2019 due to Covid. However, the increase in the number of SB Chapter events is really noticeable.

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 (Section Treasurer): General Co-Chair, Finance Co-Chair
- Frédérique Vallée (Section Past President): Local Organizing Committee Co-Chair, Finance Co-Chair, Exhibition and Industry Forum Co-Chair
- Nathalie Deltimple (Officer for Conferences): Local Organizing Committee, Electronics, Micro-electronic and System Integration Track Chair
- Johan Debayle (Volunteer, Membership): Technical Program Co-Chair
- Serge dos Santos (Volunteer, Action for Industry): Technical Program Co-Chair
- Anthony Ghiotto (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 4 women (out of 6), including the Chair and Vice-Chair. 5 Chapter Chairs (AP03, CAS04, IT12, SMC28 and SSC37), plus the LM Affinity Group Chair, are women. Moreover, the WiE AG is being reactivated.

Activities since the last report

Most noticeable activities:

- The Fellow plaque was awarded to 7 Section members (see pictures below).
- Two students from the University of Lille (the newly elected SB Chair and Student Branch Representative in France Section extended ExCom) and ISEP SBs participated in the R8 SYP conference in Tunis. This demonstrates the good level of activity of several SBs.
- RTSI was organized on August 24-26.



Dominique Baillargeat (middle)

Dimitris Visvikis (left)

Christophe Prieur (top)

Planned activities

Elections will be held from October 30 to November 30.

The SB meeting will be organized on December 6-8.

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

The Section found it particularly difficult to find candidates and volunteers for the upcoming 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 Secretary does not receive any request for reports (including this one)

Any other issues of interest

None.