

Latvia Section

Section Chair Nadezhda Kunicina

Section Vitality

The process of IEEE Latvia Section foundation started in 2004, when IEEE Lithuania Section Officers visiting Riga Technical University. Finally, in 2007, during the meeting of European Nordic and Baltic countries IEEE Section officers, which was held in Riga, IEEE members from Latvia formed petition for the creation of Latvia Section. IEEE Latvia Section was founded February 16, 2008, with the first elected Chair Professor Leonids Ribickis. Since its creation, the Latvia Section has been working professionally in various activities.

The number of active members is almost constant on or section.

On 1 January 2020, the IEEE Latvia Section has a total of 128 active members: Life Members - 5, Senior Members - 12, Members - 65, Student Member - 46.

The number of active members for now in March 2021 is 122 active members: Life Members - 5, Senior Members - 9, Members - 60, Student Member - 44.

Chair: Nadezda Kunicina

Vice Chair: Armands Senfelds

Secretary: Anastasija Ziravecka

Treasurer: Andrejs Romanovs

Honorary Chair: Leonids Ribickis

Membership Development - Anna Litvinenko

Industry Relations Coordinator - Janis Zakis

Professional Activities - Arturs Aboltins



The date of last Section elections was on November 2020, date of next elections will be November 2021, and we have the practice of Vice-Chair becoming the next Section Chair, but in our case also Secretary will be in list. Section ExCom meetings is still very helpful.

The biggest success of our section – hosting of ENERGYCON2022 conference also helped s to attract more members from Power Electronic, Industrial Electronic and Industrial Application field, as well as AIEEE conference (chaired by Andrejs Romanovs) is always helping s to maintain very good results in recruiting of active students.

List the activities carried out to retain and recruit members and the results obtained.

The face to face member inspiring conversations, is the best and most efficient tool for us, newer the less, the centralized activities, specially oriented towards new generation will be organised, for example co-sponsorship of annual events for IEEE students, like:

- The IEEE Workshop on Advances in Information, Electronic and Electrical Engineering AIEEE'2020 organised in cooperation with Lithuania Section;
- Series of technical seminars for undergraduate students
- The Latvian section working in the continuous attraction paradigm, we are looking for undergraduate students to become of members and be aware about this possibility from very early stage of studies. The involvement of early stage young professionals is and most efficient form of attraction in IEEE Latvia section. _

Students

List of Student Branches (SB) in your Section, the newly formed or dissolved SBs, if any since the last meeting reporting (Oct 2020). List the student meetings held and Section activities addressed to Students and Young Professionals.

RTU Student branch experience is based on attracting of new members, based on development to research try disseminating results of previous research are promoted during the study process beginning from bachelor level until the doctoral studies organising the annual student's research conference. Therefore, during the study process the students can identify their research interests and to be involved into the research branches/ chapters.

- Internship Office cooperation in internship programs
- Special activities such as: IEEE day in Riga Technical University, Student lectures and ect.

Affinity Groups

Latvia section has IEEE Latvia Section of Women In Engineering Affinity Group

List of Affinity Groups planned to be formed (YP, SIGHT).

Chapters

IEEE Latvia Section COM/MTT/AP Joint Societies Chapter Chair: Arturs Aboltins

IEEE Latvia Section Power Electronic, Industrial Electronic and Industrial Application Societies Joint Chapter

Chapter Chair: Ilja Galkins
 IEEE Education Society Latvia Chapter: Guntis Arnicans
 IEEE Computer Society Latvia Chapter: Janis Grabis
 IEEE Latvia Section of Women In Engineering Affinity Group: Anna Mutle
 IEEE Latvia Section Student Branch: Matiss Stunda

All sections reported results 2020 on time and we hope to receive rebate in 2021.

Most important activities:

- 5-7 of November: 61th International Scientific Conference on Power and Electrical Engineering of Riga Technical University, Riga, Latvia <http://www.conference.rtu.lv/>
- 1-2 October IEEE Day, IEEE Workshop on Microwave Theory and Techniques in Wireless Communications MTTW 2020 <http://mttw.org/>
- IEEE Section of Information Technology and Management Science (ITMS'2020) <http://itms.rtu.lv/>
- IEEE 8th workshop on Advances in Information, Electronic and Electrical Engineering, organized by Lithuania and Latvia Sections, 2020 November, Lithuania - Postponed till April 2021

Industry

List the activities carried out to foster relations with Industry and the results obtained.

- facilitate bilateral research and industrial project development
- lifelong learning traineeships for industry
- collaboration with the largest professional associations (e.g., Latvian Information Technology and Telecommunications Association, Association of Latvian Electrical Engineering and Electronics Enterprises)
- organizing of Industry Tracks on Section supported conferences
- technical and financial sponsorship of local IEEE events with invited industry speakers

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

The technological development, industry interests and availability of new developers, as well as support of experienced academic staff opens new opportunities for the testing of new ideas and develop construction and prototyping skills in groups of undergraduate students are basic motivation for strengthening of creative thinking. Availability of laboratory resources and flexibility of students' time planning is giving an opportunity to introduce market oriented prototyping and industry – academia internships from very early stage of education of electrical engineering students. The training students in new product design is a very good opportunity to connect entrepreneurs with students and in the same to teach students to realise new ideas and fulfil market needs, it increases motivation of students in teaching.

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

To share on regular basis (1x month) interesting tutorials/ web events for special interest groups.

