

## Latvia Section

Reporting Officer Name **Anastasija Ziravecka**

### Section Vitality

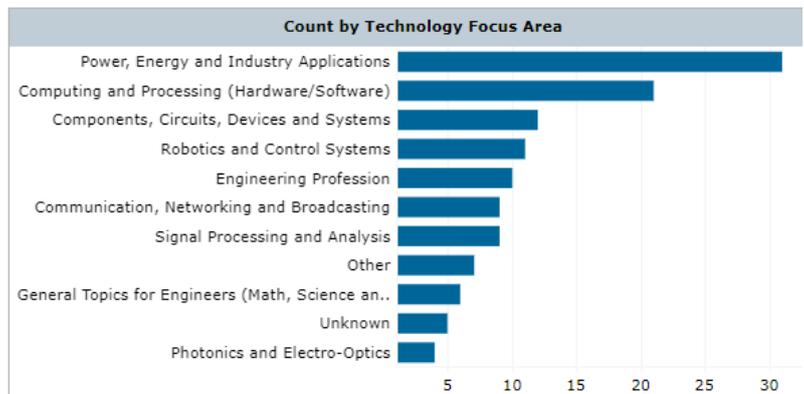
The process of IEEE Latvia Section foundation started in 2004, when IEEE Lithuania Section Officers visiting Riga Technical University. Finally, in 2007, during the meeting of European Nordic and Baltic countries IEEE Section officers, which was held in Riga, IEEE members from Latvia formed petition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

The number of active members is almost constant in our section.

The number of active members for now, in October 2022, is 131 active members: Life Members - 2, Senior Members - 11, Members - 84, Student Member - 10.

On October 1, 2021, IEEE Latvia Section had 146 active members totally: Life Members - 5, Senior Members - 12, Members - 65, Student Member - 46.

Chair: Anastasija Ziravecka  
 Vice Chair: Nadezhda Kunicina  
 Secretary: Armands Senfelds  
 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 in November 2021, date of the next elections will be in November 2023, and we have the practice of Vice-Chair becoming the next Section Chair, but in our case also Secretary will be in list, the candidates application process is open now. Section ExCom meetings is still very helpful.

The biggest success of our section – hosting of ENERGYCON2022 conference also helped 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 us 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, nevertheless, 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'2021 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 members and be aware about this possibility from very early stage of studies. The involvement of early stage young professionals is the most efficient form of attraction into IEEE Latvia Section.

### Students

RTU Student branch experience is based on attracting 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).

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 Mutule

IEEE Latvia Section Student Branch: Matiss Stunda

All sections reported results 2021 on time and received rebate in 2022.

Most import activities:

- 10-12 of October: 63th International Scientific Conference on Power and Electrical Engineering of Riga Technical University, Riga, Latvia <http://www.conference.rtu.lv/>
- 5-7 October IEEE Day, IEEE Workshop on Microwave Theory and Techniques in Wireless Communications MTTW 2022 <http://mttw.org/>
- 6-7 October IEEE Section of Information Technology and Management Science (ITMS'2022) <http://itms.rtu.lv/>
- IEEE 9thd workshop on Advances in Information, Electronic and Electrical Engineering, organized by Lithuania and Latvia Sections, 2022 November
- 9-12 of May 2022 – ENERGYCON2022

### 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

### Diversity, Equity and Inclusion

The biggest challenge is to integrate our temporary moved colleges from Ukraine

### Activities since the last report

Planning of student's internship development

### 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 at the same time to teach students to realise new ideas and fulfil market needs, it increases motivation of students in teaching. Industry sponsor Latvenergo, already supported our activities.

**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.



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

List any challenges your Section is facing and what support is required from the Region 8. Please, also, give us your suggestions for agenda items that you want to be discussed during the R8 Committee meeting.

Special attention to refugees from Ukraine, we already have colleagues from Kharkiv National Automobile and Highway University (KNAHU) and Chernihiv Polytechnic National University

Any other issues of interest

