Latvia Section

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.

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.

On 1 October 2021, the IEEE Latvia Section has a total of 146 active members: Life Members - 5, Senior Members - 12, Members - 65, Student Member - 46.

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 2019, 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, 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 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 (March 2021). 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 etc.

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 Galtkns
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:
• IEEE Section of Information Technology and Management Science (ITMS’20) http://itms.rtu.lv/
• IEEE 8thd workshop on Advances in Information, Electronic and Electrical Engineering, organized by Lithuania and Latvia Sections, 2020 November, Lithuania - 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. Industry sponsor Latviaenergo, already agreed to support 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.
The 117th IEEE Region 8 Committee Meeting

Online https://ieeer8.org/r/2021-november
6-8 November 2021

IEEE Information Technology and Management Science Conference 2021

About ITMS 2021
Call for papers
Important dates
Program
Registration

IEEE The 47th IEEE Workshop on Advances in Information, Electronic, and Electrical Engineering - AIEEE 2021
Riga, Latvia, November 7-9, 2021

CALL FOR PAPERS
The workshop aims to bring together researchers and academics from information, electronic and electrical engineering fields of science to offer an overview and encourage active discussion of ideas and the latest research in these fields. The workshop focuses on topics such as signal processing, circuit design, power electronics, control systems, electric machines, and renewable energy systems. Contributions are also welcome in areas related to the application of these technologies, including but not limited to, aerospace, transportation, and industrial automation.

Organized by:
IEEE Latvia Section
IEEE RTU IEEE Student Branch
Riga Technical University

RTUCON2021 participant registration is invited!
RTUCON2021 the preliminary schedule of the conference
RTUCON2021 the copyright form


Inception of the conference is to give an opportunity to scientists, engineers and manufacturers, as well as to doctoral students then, all over the world to meet and discuss recent development and their accomplishments in the area of power and electrical engineering.

Technically sponsored by: Riga Technical University, IEEE Industrial Application Society, IEEE.
The 117th IEEE Region 8 Committee Meeting
Online https://ieeer8.org/r/2021-november
6-8 November 2021

May 9-12 2022
Riga, Latvia
ENERGYCON 2022
IEEE International Energy Conference

ABOUT
- The IEEE International Energy Conference (ENERGYCON) covers a broad range of electric power and energy systems topics, will continue the tradition of the past editions organized in Bahrain, Italy, Croatia, Belgium, Cyprus and Tunisia. The 7th edition of the conference will take place in one of the Baltic countries, Latvia on 9th – 12th May, 2022. Thanks to its multiple extraordinarily beautiful art nouveau buildings, it is considered the European art nouveau metropolis.
- ENERGYCON is dedicated to experts carrying out research focused on energy and power systems. It has already become one of the central events for discussion on the application of electronics, instrumentation, information and communication technology to the energy industry. ENERGYCON provides an opportunity to scientists, professional engineers and engineering students to present their work, publish their results, exchange ideas and network for future scientific and industrial collaborations.
- Accepted Short and Full papers will be published in the conference proceedings if at least one author is registered and if the paper is presented at the conference. (in compliance with IEEE rules). The short and full papers of the conference proceedings will be submitted to the IEEE Xplore Digital Library and appear in the Conference Proceedings Citation Index (CPCI) - an integrated index within Web of Science.

TOPICS
- Power System Control, Protection and Risk Assessment
- Energy Economics and Policy
- Renewable Energy, Storage and Distributed Energy Systems
- Industrial Automation and Robotic Systems
- Advanced Digital Technologies for Energy Systems
- Smart Grid Design and Security
- Power Electronics
- Engineering Education in Knowledge Based Society
- IEEE International Energy 2022 Student Forum

VENUE
The conference will be held in «Radisson Blu Latvija Conference & Spa Hotel», located in the heart of the Riga, you can easily stroll through the famous Old Town and Art Nouveau districts. In Riga, it is possible to take in the beauty of both medieval and early 20th century architecture and mere minutes later enjoy a trendy vibe. The Latvian capital has got it all, and we have gathered some of the top attractions in the city that should be on your must-see list.

TIMELINE
- Paper Submission: December 20, 2021
- Notification of acceptance: January 20, 2022
- Author Registration: March 1, 2022
- Conference Dates: May 9-12, 2022

CONTACTS
For further details, please contact us by email to:
info@ieee-energycon2022.org