

Slovenia Section

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Section Vitality

Slovenia section is now in final preparation for the section elections in December 2021. We conducted several ExCom meetings regarding elections and formed an election committee who is in contact with the IEEE members to apply for the section leadership positions. We encourage young members to take volunteering positions and senior members to help them.

This year we celebrated 50th anniversary of the Slovenia section which was a big promotional event at our conference ERK. The section helps student members and young professionals at the two largest universities to promote IEEE among students and make IEEE in Slovenia more visible, retain and recruit new members.

Students

Slovenia section has two Student Branches: SB Ljubljana and SB Maribor. SB Maribor organized NVIDIA workshop and invited students to attend IEEEExtreme programming competition. SB Ljubljana co-hosted an online Webinar with Eszter Lukács, IEEE Client Services Manager Europe. Student volunteers were helping organizing our anniversary celebration.

We encourage the students to prepare IEEE day where addressing potential new members at the University of Ljubljana and University of Maribor. The students regularly attend local IEEE student competition organized by the Slovenia section and we send best papers from both student branches to the region competition.

Affinity Groups

We have YP, LM and WiE Affinity Groups. The Young Professionals carried this year several webinars and meetings connecting IEEE members from both universities.

We have a small Life Members group, but the members who are able to join our events can help us with their long-time experience in IEEE and they had valuable role in our section anniversary celebration.

Women in Engineering are an important group in Slovenia section to promote and support our female members, which is also aligned with similar activities at our universities. They organize technical academy and workshops which attract young participants to the engineering world.

The section will support our affinity groups financially and organizationally, connecting the group leaders to our section and region activities.

Chapters

Slovenia section has 6 chapters and 2 joint chapters. A brief summary of chapter activities:

- Computer Science, computing competitions for young programmers, together with ACM Slovenia
 - Computer and ICT knowledge competitions
 - Section meetings
- Communications:
 - 24th Seminar on Radio Communications
 - Application of sensors for measurement of swimming performance: the past and the future
 - LabVIEW for student projects and final thesis
 - Technical excursion for students
 - Section meetings
- Education:
 - Erasmus+ project Benefit technical meeting
 - Section meetings
- Power & Energy:
 - DLP lecture: New approach to modelling of distributed RES
 - Section meetings
- Computational Intelligence:
 - Section meetings
 - DLP lecture

- Geoscience and Remote Sensing:
 - TriSat project cooperation
 - Technical events, lectures
 - Section meetings
- Signal Processing / Circuits and Systems:
 - Multiple invited lectures and workshops
 - Section meetings
- Industrial Electronics / Industrial Applications:
 - Invited lecture: Functional ITS safety
 - Section meetings
- ERK 2021 contributions of each section and related workshops

Industry

The Section maintains industry relations by inviting engineers from the industry to present their work at IEEE conferences. Each year we invite at least one outstanding local industry representative to our conference ERK – this year presented Luka Ambrožič from Elaphe Propulsion Technologies Ltd., Ljubljana a talk: “The evolution of the electric powertrain and the potential for future vehicles: trends and the introduction of the distributed drive architecture”.

Activities since the last report

Slovenia section celebrated this year 50th anniversary. We received the anniversary flag from R8 in February, and we invited the R8 director to join us on our online assembly meeting. The main celebration event was at our annual Electrotechnical and Computer science Conference - ERK in September. The one-and-a-half-hour IEEE celebration program was placed after the conference invited talks:

- Welcome messages: A. Žemva (ERK chair), G. Dolinar (dean, Faculty of Electrical Engineering, UL)
- R8 address: V. Piuri (R8 Director-Elect)
- History of IEEE Slovenia: B. Zajc (life member and past Section chair)
- Guests address: K. Richter, A. Szabo, A. Katalinić
- IEEE Slovenia section activities: A. Trost (Slovenia Section chair)
- Toast with music program

The section carried several activities before celebration:

- informing our members at the Section assembly
- designing logo and printing T-shirts for the volunteers
- creating anniversary brochure about IEEE Slovenia section
- inviting representatives of our neighbor sections and R8

We were able to conduct live celebration at the conference with local participants and some representatives joined on Zoom.

Planned activities

Highlight some of the future activities and initiatives in your Section.

We plan to focus on the following activities:

- provide benefit to members by organizing technical invited lectures and workshops
- include and try to interest students into the IEEE activities (e.g. by workshops and events, e.g. IEEE day, competitions)
- increase the professional and scientific knowledge by organizing high quality events (e.g. ERK conference)
- increase the awareness for IEEE activities
- strengthen the cooperation with the local industry and partners

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

The region helped our section by conducting online meetings and presenting successful examples of neighbor Sections activities. The region may consider temporarily changing the minimal requirements for chapter and affinity group activities in the time of Covid-19.