Bosnia and Herzegovina   Branko Blanusa

Section Vitality

We finished last Section elections on March 15ᵗʰ 2023 and the next elections are for two years. We usually don't have practice of Vice-Chair becoming the next Section Chair. We had Section ExCom meetings from the last IEEE R8 Meeting

April 18ᵗʰ 2023.

1. Preparation for the Meeting IEEE R8 - Ottawa, Canada, Sections congress, August 2023
(https://ieeer8.org/category/committee/, https://sections-congress.ieee.org/)
2. Open positions in IEEE B&H Sections
    2.1. Educational Activities
    2.2. Industry Relations Coordinator
    2.3. Membership Development Position
    2.4. Professional Activities
3. State of finances
4. Creation of unique business cards for IEEE B&H members.

May 26ᵗʰ 2023.

1. IEEE B&H Young Professional activities
2. IEEE Student Branch activities
3. Chapter activities
4. IEEE Senior Member (section nomination)
5. DLP Program
6. Website of the Section

List the activities:
Activities are underway to fill vacant positions in the IEEE B&H Section.
New projects related to the engagement of student chapters and young professionals.
New joint CS/CIS chapter will be formed.
The Section will nominate new IEEE Senior Members candidates.
IEEE B&H web site will be created in accordance with IEEE recommendations.

Students and Young Professionals

List of Student Branches

1. SB Faculty of Electrical Engineering – University of Sarajevo
2. SB Faculty of Electrical Engineering – University of Banja Luka
3. SB University Burch
4. SB Faculty of Electrical Engineering – University of East Sarajevo

We don't have newly formed or dissolved SBs.

Section activities addressed to Students and Young Professionals.

Projects:

1. Modern Renewables - Brighter Future: Solar Tree in the Area Sarajevo Old Town Municipality.
2. Museum of Engineering, IEEE BiH (small hydropower plant for potable water) – Dudin HRID

Presentation:

1. The Use of Mathcad Software for Solving Typical Engineering Problems in Electrical Drives (The presentation is organized in cooperation with IEEE B&H PEL/IAS/IE Joint Chapter).

Training:

1. IEEE B&H Section supported International Burch university during the organisation of professional courses which are developed through Erasmus project KALCEA (Knowledge triangle in low carbon economy). More than 20 partcipants, professionals from industry, successfully finished fine new courses and gained new knowledge about nowadays popular topics such as low carbon economy and it will be utilised in their companies

Fig.1. Bosnia and Herzegovina KALCEA YP Training_ 2023

Affinity Groups

We don't have newly formed or dissolved AGs/SB AGs, since the last meeting reporting. At the next ExCom meeting, we plan to define priority activities intended to support affinity groups.

Chapters

We have next active chapters

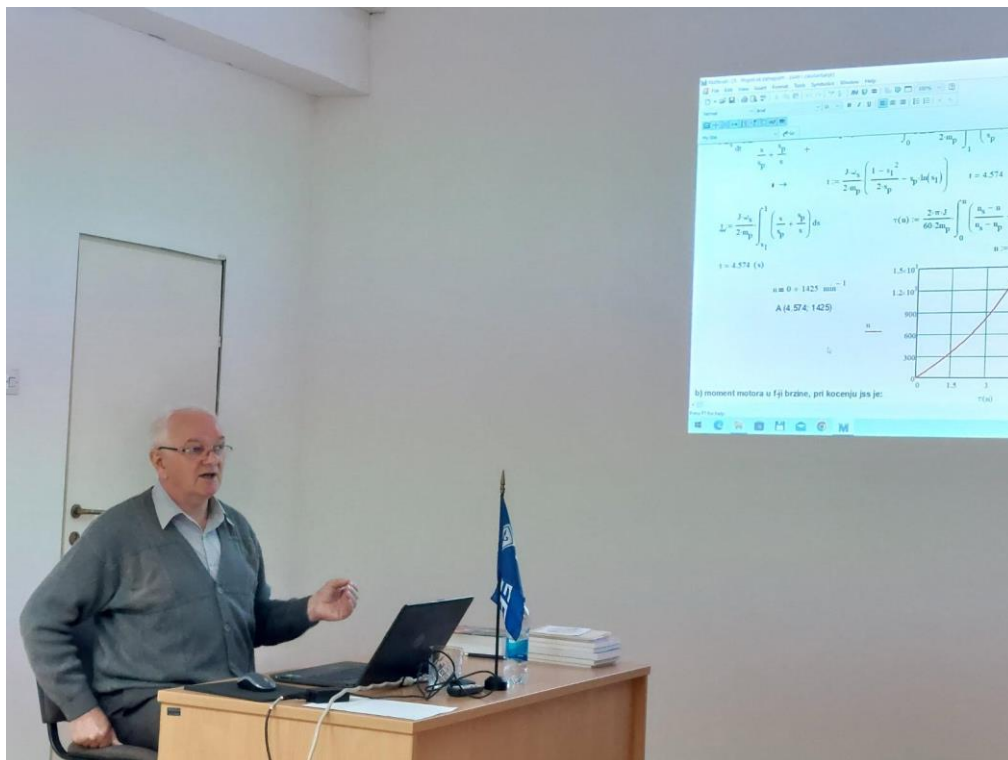1. IEEE B&H PES Chapter
2. IEEE B&H PEL/IAS/IE Joint Chapter

Fig.2. Bosnia and Herzegovina Presentation IEEE BH PEL_IAS_IE Joint Chapter

We don't have the newly formed or dissolved Chapters since the last meeting. The activities of the chapter were in cooperation with SB and YP in the organization of presentations and trainings. All activities are reported on time. We plan to start to work with new CS/CIS Joint Chapter

Industry

We had a meeting with the Institute RT-RK regarding the Institute's cooperation with our Section and the PEL/IAS/IE Joint chapter.

IEEE B&H Section organize round table at Conference ETRAN and IcETRAN (June 5th - 8th, 2023) about the new directions in technology and industry gathering participants from industry as well as researchers in order to improve collaboration between them.

IEEE Conferences supported by IEEE B&H Section

Conference ETRAN
67th National Conference ETRAN and 10th Jubilee International Conference IcETRAN
IcETRAN – International Conference on Electrical, Electronic and Computing Engineering
Venue and Date: Building of the Faculty of Electrical Engineering in East Sarajevo, June 5th - 8th, 2023 East Sarajevo, Republic of Srpska, Bosnia and Herzegovina
Program of the ETRAN and IcETRAN conference, as a content of one introductory pleanary session, five special sessions and 24 regular sessions within three conference days. This year, for the first time, the IcETRAN conference was technically co-sponsored by the IEEE organization, and accepted and presented papers will be published in the digital database IEEE Xplore.

Fig.3. Bosnia and Herzegovina ETRAN Conference_2023

Conference ICAT
29th International Conference on Information, Communication and Automation Technologies (ICAT 2023) took place in Hotel Holiday, Sarajevo, Bosnia and Herzegovina from June 11 to June 14, 2023. It was organized by the University of Sarajevo – Faculty of Electrical Engineering, and technically co-sponsored by IEEE Control Systems Society, IEEE Industrial Electronics Society, IEEE Systems, Man, and Cybernetics Society, and supported by IEEE Bosnia and Herzegovina Section. The conference included presentation of original 36 papers, 4 keynote talks, 2 tutorials and one panel on artificial intelligence. Authors of the papers originated from 15 different countries.

Fig.4. Bosnia and Herzegovina ICAT Conference_2023

Symposium INFOTEH

22nd International Symposium INFOTEH (INFOTEH 2023) took place in Hotel Rajska dolina, Jahorina, Bosnia and Herzegovina from March 15 to March 17, 2023. It was organized by the University of East Sarajevo – Faculty of Electrical Engineering, and technically co-sponsored by IEEE Industry Applications Society, IEEE B&H IAS/PEL/IE Jt Chapter and supported by IEEE Bosnia and Herzegovina Section and IEEE Serbia and Montenegro Section. The conference included presentation of original 177 papers, 1 keynote talks and 1 workshop and 1 student session. Authors of the papers originated from 18 different countries.

Diversity, Equity and Inclusion

We did not do indicators of diversity, equity and inclusion in our Section. We plan at the next ExCom meeting to appoint a team to analyze diversity indicators and examples of good practice in terms of diversity and inclusion in the region.

Activities since the last report

Coordination and cooperation in ExCom is good. Cooperation with program committees of IEEE conferences held on the territory of Bosnia and Herzegovina and promotion of the IEEE Section at conferences is also good. The work and reports of active chapters are good. Certain activities aimed at SB and YP are well done. It is necessary to fill open positions in the IEEE B&H Section.

Weaknesses refer to the insufficient activity of most SBs and insufficient cooperation with the industry. Also, we did not have activities related to the monitoring of diversity, equity and inclusion indicators. More activities are needed to promote the place and role of IEEE in terms of professional development and opportunities.

Planned activities

Defining priority activities intended to support affinity groups.
New projects related to the engagement of student chapters and young professionals.
Starting with the new CS/CIS Jt. Chapter.
Creation of IEEE B&H web site in accordance with IEEE recommendations.
Creation of unique business cards for IEEE B&H members.

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

We would like to hear examples of good practice from the Region related to monitoring diversity, equity and inclusion.

Any other issues of interest

Not in this report