

Bosnia & Herzegovina Section

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List the activities carried out to foster relations with Industry and the results obtained. List the initiatives planned during the next 6 months and their expected outcomes. How can the Region help your Section in your industry-related activities?

BH Section PES Chapter organized the second Industrial Track (IT) Shaping the Future of Power Engineering in Bosnia and Herzegovina, with the central topic: Power Quality and Smart Grids. The IT was held at the Faculty of Electrical Engineering, University of Sarajevo on 9th and 10th October. Conference participants were professionals from the industry, network members and operators, academia and electrical engineering students. The participants could learn about smart grids, distributed energy resources, micro grids, synchrophasor technology, impact on the power grid from electrical vehicles and etc. from the Keynote speaker Muhidin Lelić (Quanta Technology-USA). The Role of the IEEE in Bosnia and Herzegovina was explained by the second Keynote speaker, Branislava Perunić. The third Keynote speaker was Roko Jerić, an expert in the field from the Croatian Network Operating System, who presented newly implemented system for continual Power Quality monitoring. Final event on the second Industrial Track was a panel discussion with the participants from regulatory authorities as: Independent system operator in Bosnia and Herzegovina; Regulatory commission for energy in Federation of Bosnia and Herzegovina; Independent System Operator in Bosnia and Herzegovina; all Power Utility companies in Bosnia and Herzegovina and industry.

List the activities addressed to Students and/or Young Professionals and the results obtained. List the initiatives planned during the next 6 months and their expected outcomes. How can the Region help in your students and YP-related activities?

We are proud to announce that our IEEEExtreme completion team was ranked 55 globally and 16 in the Region 8.

The largest IEEE event for students and young professionals, IEEE B&H Student and Young Professional Congress, in Bosnia and Herzegovina was held in November (29th November - 1st December)! The event was held in Banja Luka, and it presented three days of learning, networking and showcasing the vast talent of young engineers. IEEE Innovation Nation was back after one-year break which means ideas and plenty of them were present at the congress. The congress, which was held under the slogan "Your Career Starts Here" and brought more than 200 experts and participants from our country as well as from other parts of the world. The congress served as the inspiration for a new generation of leaders, entrepreneurs and engineers by providing them access to numerous professional workshops, plenary sessions, panel discussion, networking opportunities and Innovation Expo where our scholars got an opportunity to showcase their projects, innovations and research.

Autodesk Revit Electrical Basic Workshop was held in December (07th and 8th December) at the International Burch University Sarajevo, as part of the Full Stack Engineer Project. The participants are prepared to be able to independently create an electric design project (with documentation) in accordance with IEC standards or according to the specific requirements of the customers in the market. The concept of education is such that the Autodesk Revit solutions are explained and presented with practical examples in the field of electrical engineering. In this way, the active participation of all the participants is enabled, especially for young engineers with no practical experience. Ten participants were able to be part of the workshop. Young engineers who work in the industry have already become an IEEE member in order to be ready for the next workshop organized by Young Professionals.

Project Modern Renewables - Brighter Future is the current biggest project for the IEEE SB University of Sarajevo. The goal of the project is to raise awareness for renewable energy sources and production of clean electrical energy, by designing a "solar tree", which will be installed in the central part of the city of Sarajevo. This project is for the Municipality "Old Town" and for the local community. Students from the IEEE SB University of Sarajevo with members mainly from the Faculty of Electrical Engineering reached out to the students from other disciplines: Mechanical Engineering, Architecture, to find the best solution. During this project, IEEE SB University of Sarajevo recruited many new members. We had many subsequent events and activities in informing new members about the IEEE and different IEEE Societies, aiming to further expand the IEEE network in Bosnia and Herzegovina.

List the activities carried out to retain and recruit members and the results obtained. List the initiatives planned during the next 6 months and their expected outcomes. How can the Region help in your membership-related activities?

Vibrant Section activities aimed to engage different member grades, proved as the most significant contribution to Section vitality. In the recent years Section is focused more to the needs and interests of our members from industry since these activities simultaneously provide valuable platform for engagement of student members and members from academia. We are proud to announce that student membership is now outnumbered by higher membership grades. We plan to continue with such practice, and especially focus on elevating members to Senior Member grade.

List the activities intended to support chapters, affinity groups, and student branches and the results obtained. List the related initiatives planned during the next 6 months and their expected outcomes. How can the Region help in your support to chapters, affinity groups, and student branches?

The results achieved by the PES Chapter illustrates the importance of the support received by parent organizations within the IEEE, specifically from the Societies. Such support demands strong liaisons between the Region and Societies.

Challenges (with a focus on what support is required from Region 8)

Involvement of the Region is important especially for small Sections, when different activities and events could be organized jointly cross several neighboring Sections.













