

## Serbia and Montenegro IEEE MTT-S Chapter Activities in 2024

The current Serbia and Montenegro IEEE Microwave Theory and Technology Society (MTT-S) Chapter is the successor to the Yugoslav MTT-S Chapter, which was founded on June 26, 1989. Therefore, this June at the Faculty of Electronic Engineering Niš, we celebrated the 35<sup>th</sup> anniversary. All members had opportunity to find out about views of the foundation of the Chapter as well as views about that period of time from the most responsible persons for the founding of Chapter, Dr. Branka Jokanović and Prof. Olga Borić-Lubecke,



The most valuable gift for this year anniversary came from IEEE MTT-S Outstanding Chapter Award Committee and IEEE MTT-S MGA later in September. Namely, the Chapter has been nominated for the 2024 IEEE MTT-S Outstanding Chapter Award.

Dear Chapter Officer,

We have the pleasure to inform you that your chapter has been nominated for the 2024 IEEE MTT-S Outstanding Chapter Award as decided by the IEEE MTT-S Outstanding Chapter Award Committee and approved by MTT-S AdCom.

Congratulations for this outstanding achievement and we hope that your chapter will continue to do exciting activities for the members' benefit.

The chapter activities in 2024 have been related to organization of the technical meetings, support of student activities and organization of the scientific conferences.



This year, the MTT-S Chapter was one of the technical co-sponsors of the 2024 11<sup>th</sup> International Conference on Electrical, Electronic and Computing Engineering (IcETRAN). However, the Chapter members participated in organization of both the LXVIII Conference ETRAN and 2024 11<sup>th</sup> International Conference on Electrical, Electronic and Computing Engineering (IcETRAN), which were held on June 3-6, 2024, in Niš, Serbia (<http://etran.rs/2024/>). The chapter members participated in the session AP+API "Antennas and Propagation" with 9 papers, in the MT/MTI "Microwave Technique, Technologies and Systems" session with 7 papers, in the EK+EKI "Electrical Circuits and Systems and Signal Processing" session with 5 papers, and in the Special session "Radars in Interaction with Humans and the Environment" with one paper.

Society for Electronics, Telecommunications, Computers, Automatics and Nuclear Engineering awards *the best paper* and *the best paper submitted by a young researcher* in each section for both ETRAN and IcETRAN conferences. Award "Aleksandar Marinčić" for the best paper presented in the MTI session is given to Ksenija Pešić, Nemanja Perić, Zoran Stanković, Olivera Pronić Rančić and Nebojša Dončov for the paper "Combined MLP-RBF Model for Estimation of Faraday Rotation of SAR Signals in Ionosphere". The best paper award in API session is given to Aleksandar Golubović, Anja Kovačević, Vladislav Kostić, Andjela Ninković and Milan Ilić for the paper entitled "Smart Office System for Real-Time Health Monitoring and Task Management". The best paper submitted by a young researcher in API session is given to Mladen Živković and Marija Nikolić, the authors of the paper entitled "Influence of the Wall Parameter Errors on the Estimation Quality in Through-the-Wall Imaging". Award for the best paper in EK session is given to Nebojša Mrmak and Milka Potrebić Ivaniš for the paper "Measuring Characteristics of Microwave Passive Circuit using NanoVNA V2 Plus4".



The Chapter members supported organization of the 2024 59<sup>th</sup> International Scientific Conference on Information, Communication and Energy Systems and Technologies (ICEST), which was held at the Holiday House Lazur, Sozopol, Bulgaria on July 01-03, 2024 ([www.icestconf.org](http://www.icestconf.org)). The Conference is jointly organized by the Faculty of Telecommunications, Sofia, Bulgaria, the Faculty of Technical Sciences, Bitola, North Macedonia and the Faculty of Electronic Engineering, Niš, Serbia. As participants or serving as section chair, the Chapter members participated in several sessions. The chapter members participated in the session "Radio Communications, Microwaves and Antennas" with 5 papers and in the "Engineering Education" session with one paper.

Traditionally, the MTT-S Chapter participates as co-sponsor in organization of the “*IEEEESTEC Student Project Conference*” held at the Faculty of Electronic Engineering, University of Niš. The 17th edition of the conference was organized November 28, 2024 (<http://ieeefak.ni.ac.rs/>). The conference was organized by the student branch of EESTEC LC Niš, IEEE Student Branch Niš, and the Faculty of Electronic Engineering Niš, in cooperation with the IEEE Serbia and Montenegro Section, the IEEE Electron Devices/Solid-State Circuits Chapter, the IEEE Microwave Theory and Technology Society Chapter, the IEEE WIE Affinity Group and the IEEE Computational Intelligence Chapter, the Serbian Academy of Sciences and Arts (SASA) Branch Niš, as well as the Ministry of Science, Technological Development and Innovations of the Republic of Serbia. The best papers presented at the IEEEESTEC Conference will be sent to the IEEE Region 8 student paper competition. Each year, the MTT-S Chapter awards one paper.



IEEE Slovenia Geoscience and Remote Sensing Society (GRSS) Chapter, IEEE Slovenia CIS (Computational Intelligence Society) Chapter and IEEE Serbia and Montenegro Microwave Theory and Technology Society (MTT-S) Chapter have realized Inter Society Networking project having goal to establish an interdisciplinary long term networking co-operation. This year, different activities in the form of meetings, panel sessions, members' exchange/mobility in Slovenia and Serbia were done. Also, IEEE Serbia and Montenegro CIS Chapter participated in realization of the activities conducted at the Faculty of Electronic Engineering Niš.



As usual, the Chapter has been very active and organizing events to promote electrical engineering and collaboration. The events were organized in conjunction with open days at the Faculty of Electronic Engineering, University of Niš and with international conference IcETRAN 2024. Some of the events and initiatives organized in 2024 are: several Work Labs during the Open Day of Faculty of Electronic Engineering and Team-Building meetings. Work labs allow the high-school students to get closer to some area of electrical engineering. Meeting allows the members to get to know each other – the interests, skills and personalities, as well as to build a sense of trust amongst colleagues from different groups and universities.



The thirtieth edition of the Microwave Review, a publication of IEEE MTT-S Chapter of Serbia and Montenegro and national Society for Microwave Technique, Technologies and Systems was published in 2024. The first issue was published in July 2024 and the second issue in December 2024. The journal has achieved a significant milestone: since its founding, all its editor-in-chief has been women.



The journal is included into IET INSPEC, Scopus and EBSCO host databases. Microwave Review is available in electronic version on the web site [https://www.mtt-serbia.org.rs/microwave\\_review](https://www.mtt-serbia.org.rs/microwave_review). Since last December, the papers have a digital identifier (DOI number).

**I would like to thank all the members for being a part of this remarkable journey.**

**Here's to 35 years of achievement and to many more years of success and collaboration.**

Biljana P. Stošić, University of Niš  
Serbia and Montenegro IEEE MTT-S Chapter Chair