

Serbia and Montenegro IEEE MTT-S Chapter Activities in 2022

The chapter activities in 2022 have been mostly related to organization of the technical meetings, support of student activities and organization of the scientific conferences.



The Chapter members supported organization of the 66th national conference ETRAN 2022 and 9th international conference IcETRAN, which were held on June 6-9, 2022, in Novi Pazar, Serbia. The chapter members participated in the sessions "Antennas and Propagation" and "Microwave Technique, Technologies and Systems" (<http://etran.etf.rs/>).



The Chapter members participated in organization of 57th International Scientific Conference on Information, Communication and Energy Systems and Technologies "iCEST 2022", which was held in Ohrid, North Macedonia on June 16-18, 2022. (www.icestconf.org). The next year, the conference will be held at the Faculty of Electronic Engineering, University of Ni. Members of the MTT-S Chapter from this university are in the core group of the organizing committee. Their activities as the first steps in conference organization have been a part of chapter activities this year.



Traditionally, the MTT-S Chapter participates in organization of the "IEEEESTEC Student Project Conference" at the Faculty of Electronic Engineering, University of Ni. The jubilee 15th edition of the conference was organized November 24, 2022 (<http://ieee.elfak.ni.ac.rs/>). The conference was organized by the student branch of IEEE SB Nis, IEEEESTEC LC Nis, and the Faculty of Electronic Engineering in Nis, in cooperation with IEEE Serbia and Montenegro Section, IEEE ED/SSC Chapter, IEEE MTT-S Chapter, IEEE WIE Affinity Group and IEEE CIS Chapter, with the support of the Serbian Academy of Sciences and Arts (SASA) Branch Ni, as well as the Ministry of Education, Science and Technological Development of the Republic of Serbia. The best papers presented at the IEEEESTEC Conference will be sent to the IEEE Region 8 student paper competition. The MTT-S Chapter awarded the paper "Modeling a Fractal Antenna in single Artificial Neural Networks", which was among the top rated papers according to the review scores. The paper was authored by Nemanja Perić and Ksenija Pešić, students of the Faculty of Electronic Engineering, Ni, supervised by their professors Prof. Zoran Stanković and Prof. Nebojša Donković.



*Winners of the Best Paper Award in the category of microwaves and telecommunications
Ksenija Pešić (left) and Nemanja Perić (right) with the MTT-S Chapter Chair, Prof. Zlatica Marinković*



Prof. Zlatica Marinković, MTT-S Chapter Chair was invited to give a lecture at BEST Week 2022, organized by the Nis University branch office of the BEST Student organization, devoted to artificial intelligence. She talked about artificial intelligence and machine learning methods suitable for applications in microwaves, electronics and telecommunications are discussed, followed by illustrative examples of application.



The main activity of the Chapter in 2023 will be organization of 16th International Conference on Advanced Technologies, Systems and Services in Telecommunications TELSIKS 2026, scheduled for which was held in Ni from 25 to 27 October, 2027. The conference is organized by the Faculty of Electronic Engineering, Ni and the Society for Microwave Technique, Technologies and Systems, under auspices of Serbian Ministry of Education, Science and Technological Development, in cooperation with the Academy of Engineering Sciences of Serbia and Society for ETRAN. The conference was technically cosponsored by the IEEE AP-S, IEEE MTT-S, IEEE Region 8, IEEE Serbia and Montenegro Section, Serbia and Montenegro IEEE MTT-S Chapter. The chapter

members, being the members of the executive and organizing committee and also participating in the TPC, have started the activities related to the organization of the conference.



The twenty eight volume 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 2022. The first issue was published in July 2021 and the second issue in December 2021. 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.

Starting from November 2022, the journal editor is Prof. Nataša Maleš-Ilić, University of Ni. The MTT-S Chapter welcomes her and wish her a lot of success in her new role. The Chapter thanks to the former editor Dr. Biljana Stojić, for her tremendous efforts in editing the journal and keeping the trend of continuous improvement of the journal status and quality.



According to the MTT-S AdCom approval of the motion to change the Society's name, the new name of the Society is IEEE Microwave Theory and Technology Society replacing the name IEEE Microwave Theory and Techniques Society (<https://mtt.org/mtt-s-has-a-new-name/>). The Society acronym and logo remain the same.

Zlatica Marinković, University of Ni–
Serbia and Montenegro IEEE MTT-S Chapter Chair