

## Serbia and Montenegro IEEE MTT-S Chapter Activities in 2019

The IEEE MTT-S Society recognized the efforts of the Chapter of Serbia and Montenegro and has selected to the MTT-S Chapter of Serbia and Montenegro to be among winners of the 2017 Outstanding Chapter Award. The selection results were available at the beginning of 2019. The award has been established for Outstanding Chapters worldwide that have exhibited exceptional performance. The chapter performance evaluation is based on how effectively chapters have served their MTT-S members considering technical activities, societal activities, educational activities, membership elevation, Fellow and award nominations. The Outstanding Chapter Award is given to no more than 5% of the MTT Society chapters. We are honoured and proud to be among the best MTT-S Chapters in the world!



*The Outstanding Chapter Award Plaque*

As in the previous years, the Chapter conducted a lot of activities in 2019. Most of the activities were related to participation of the Chapter members in the organization of international and national scientific conferences, organization of technical meetings where invited lectures were given and publishing of two issues of the Microwave Review journal, a joint publication of the MTT-S Chapter of Serbia and Montenegro and the national Society for Microwave Technique, Technologies and Systems. The most important activities are listed below.



The Chapter members supported organization of the 63<sup>th</sup> national conference ETRAN 2019 and 6<sup>th</sup> international conference IcETRAN, which were held in June, 2019 in Srebrno Jezero, Serbia. Microwave Technique, Technologies and Systems mini-conference took place within the event (<http://etran.etf.rs/>). In conjunction with the ETRAN conference, the joint annual meeting of members of the IEEE MTT-S Chapter and national Society for Microwave Technique, Technologies and Systems was organized.



The chapter members from the University of Ni– participated in organization of 54<sup>th</sup> International Scientific Conference on Information, Communication and Energy Systems and Technologies ó ICESST 2019, which was held in Ohrid, North Macedonia in June 2019. In 2020, the conference will be organized in Ni<sup>TM</sup>, Serbia ([www.icesstconf.org](http://www.icesstconf.org)).

As in the previous years the MTT-S Chapter participated in organization of the 12<sup>th</sup> IEEEESTEC Student Project Conferenceö (<http://ieee.elfak.ni.ac.rs>) held on November 28, 2019 in Ni–. The Conference was organized by IEEE Student



Branch Ni–, EESTEC LC Ni– and the Faculty of Electronic Engineering in Ni– in co-operation with IEEE Serbia and Montenegro Section, IEEE ED/SSC Chapter, IEEE MTT-S Chapter and IEEE WIE Affinity Group. Participants from the regional universities and the high schools showed an increasing interest in the conference. The best papers presented at the IEEEESTEC Conference will be sent to the IEEE Region 8 student paper competition. The MTT-S Chapter awarded a paper öDriver for laser with low input impedanceö, which was among the top rated papers according to the review scores. The paper was authored by Nikola Petrović and Marija Gajić, students of the Faculty of Electronic Engineering Ni– and David Sanchez Illescas, ERASMUS+ student of the University of Jaen, Spain.



*IEEEESTEC Student Project Conference – Chapter Chair presenting the best paper award*

The main activity of the Chapter members was organization of the 14<sup>th</sup> International Conference on Advanced Technologies, Systems and Services in Telecommunications - TELSIS 2019 which was held at the Faculty of Electronic Engineering, University of Ni–, Serbia from 23 to 25 October, 2019. The full report on the conference can be found in this issue of the Microwave Review journal. The MTT-S president, Prof. Dominique Schreurs, attended the conference and the conference participants had a chance to meet her in person during the joint MTT-S/WIE event öMeet the MTT-S presidentö. At that occasion, she met also two MTT-S student members who received the 2019 MTT-S MGA Student Sponsorship Initiative grants for attending the conference. Besides the regular sessions in the field of Microwaves, two special sessions "Bioengineering Applications of Microwave Techniques" and "Electromagnetics in Biomedical Applications and Healthcare" were organized by Prof. Zlatica Marinković (Serbia) and Prof. Giovanni Crupi (Italy). Moreover, in collaboration with the Serbian Chamber of Engineers, during the conference a panel öThe Role of Telecommunications in Development of Smart Citiesö was organized.



*Members of the IEEE MTT-S Education Committee: Changzhi Li (Graduate Fellowships Medical Category Chair), Zlatica Marinković (Undergraduate Scholarships Chair), and Giovanni Crupi (Graduate Fellowships General Category Chair) with Dominique Schreurs, IEEE MTT-S president, at the TELSIS 2019 Conference reception in the City Hall, Niš, Serbia*



*2019 MTT-S MGA Student Sponsorship Initiative Awardees with Dominique Schreurs, IEEE MTT-S president*



*Special session "Bioengineering Applications of Microwave Techniques" - speakers and organizers*



*Special session "Electromagnetics in Biomedical Applications and Healthcare" - speakers and organizers*

The Chapter hosted a DML lecture "Automotive Radar – A Signal Processing Perspective on Current Technology and Future Systems", given by Dr Markus Gardill (InnoSenT GmbH, Germany and Institute for Electronics Engineering, FAU Erlangen-Nürnberg, Germany) in October 2019.



*Dr. Markus Gardill (9<sup>th</sup> from the left, standing) with a part of the attendees of his DML talk*

The twenty fifth 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 2019. The first issue was published in July 2019 and the second issue in December 2019. 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). The journal is included into IET INSPEC, Scopus and EBSCO host databases.

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