

Serbia and Montenegro IEEE MTT-S Chapter Activities in 2018

The members of the IEEE MTT-S Chapter of Serbia and Montenegro were very active during 2018. As in the previous years, 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. Zlatica Marinković, Chapter Chair, attended the Chapter Chair Meeting held during the European Microwave Week in September 2018 in Madrid, Spain. The most important activities are listed below.



The Chapter members supported organization of the 62th national conference ETRAN 2018 and 5th international conference IcETRAN, which were held in June, 2018 in Palić, 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 Niš participated in organization of 53rd International Scientific Conference on Information, Communication and Energy Systems and Technologies – ICEST 2018, which was held in Sofia, Bulgaria in June 2018.



As in the previous years the MTT-S Chapter participated in organization of the 11th “IEEESTEC Student project conference” (<http://ieee.elfak.ni.ac.rs>) held on November 29, 2018 in Niš. The Conference was organized by IEEE Student Branch Niš, EESTEC LC Niš and the Faculty of Electronic Engineering in Niš in co-operation with IEEE Serbia and Montenegro Section, IEEE ED/SSC Chapter and IEEE MTT-S Chapter. Participants from the regional universities and the high schools showed an increasing interest in the conference. The best papers presented at the IEEESTEC Conference were sent to the IEEE Region 8 student paper competition. The MTT-S Chapter awarded a paper “Modeling of the microwave DGS filter resonance frequency by using the artificial neural networks”, which was among the top rated papers according to the review scores. The paper was authored by Miloš Mitić, master student of the Faculty of Electronic Engineering Niš.

In 2018 four technical meetings hosting well known speakers, two of them MTT-S DML speakers, were organized:

- Dr. Simone Bastioli, MTT-S DML speaker, gave the talk, “Nonresonating Modes Do It Better!” at the Faculty of Electronic Engineering, University of Niš, on April 18, 2018.
- On June 12, 2018, in Palić, Prof. Erich Leitgeb, Technical University of Graz, Austria, delivered the talk “Combinations Scenarios of Optical and RF-Communication Networks for Different High Data Rate Multimedia Applications and Innovations in Autonomous Driving”.



IEEESTEC Student Project Conference – Chapter Chair presenting the best paper award to Miloš Mitić

- At the School of Electrical Engineering, University of Belgrade, Prof. Patric Roblin, The Ohio State University, USA, gave his DML talk “*Everything You Can Do With Vector Nonlinear Microwave Measurements*” on September 17, 2018.
- Prof. Thomas Zwick, Karlsruhe Institute of Technology (KIT), Germany gave the talk “*Antenna Integration in Millimeter-wave Transceivers for High Volume Applications*” at the Institute of Physics, Belgrade, on November 26, 2018.



Dr. Simone Bastioli (7th from the left, top) and Prof. Patric Roblin (6th from the left, bottom) with a part of the attendees of their DML talks

The twenty fourth 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 2018. The first issue was published in July 2018 and the second issue in December 2018. Microwave Review is available in electronic version on the web site https://www.mtt-serbia.org.rs/microwave_review. The journal is included into IET INSPEC, Scopus and EBSCO host databases.

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