

Serbia and Montenegro IEEE MTT-S Chapter Activities in 2015

At the beginning of 2015 the Chapter representative elections were held and new representatives were elected:

- Chapter Chair: Dr. Zlatica Marinković, IEEE Senior member, Assistant Professor, Faculty of Electronic Engineering, University of Niš
- Chapter Vice-Chair: Dr. Branko Kolundžija, IEEE Fellow, Full Professor, School of Electrical Engineering, University of Belgrade
- Chapter Secretary: Vojislav Milošević, Researcher, Institute of Physics, Belgrade

As in the previous years the IEEE MTT-S Chapter of Serbia and Montenegro supported successfully different activities of their members.

Apart the main activity in 2015, organization of the international conference TELSIKS 2015, the Chapter activities were related to:

- participation in the organizing of international and national scientific conferences,
- organization of technical meetings where invited lectures were given,
- publishing and presentations 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.



12th Conference on Telecommunication in Modern Satellite, Cable and Broadcasting Services - TELSIKS 2015

12th Conference on Telecommunication in Modern Satellite, Cable and Broadcasting Services - TELSIKS 2015, was held at the Faculty of Electronic Engineering of University of Niš, Serbia on October 14 - 17, 2015. The Conference was organized jointly by the Faculty of Electronic Engineering Niš and the national Society for Microwave Technique, Technologies and Systems. The conference was organized under auspices of Serbian Ministry of Education, Science and Technological Development, in cooperation with the Academy of Engineering Sciences of Serbia, IEEE Serbia and Montenegro Section, Serbia and Montenegro IEEE MTT-S Chapter, Serbia and Montenegro IEEE Communications Chapter, Telecommunications Society of Serbia and Serbian ETRAN Society. Two IEEE societies: Antennas and Propagation Society (AP-S) and Microwave Theory and Technique Society (MTT-S), and IEEE Region 8 were technical co-sponsors of the Conference. After review of the submitted papers, 80 papers written by the authors from different countries were presented at the conference.

In particular, the MTT-S chapter members were responsible for organization of the following events:

- October 14, 2015: Plenary lecture "*Michael Pupin Academic Career*" given by Prof. Dušan Drajić, University of Belgrade, Serbia
- October 15, 2015: Professional Conference „*Development and implementation of advanced cable services and effective business models - DIACAS 2015*“ with a topic: “Financial models in realization of re-distribution of media contents and development and implementation of advanced cable services in the country and region”. The conference was organized by PUKOS – Business Association of Cable Operators of Serbia and MTTS – Society for Microwave Technique, Technologies and Systems. The intention is to convene a conference with long-lasting tradition that will cover variety of current topics and issues in the field of cable broadcasting.

The full report on TELSIKS Conference is included in this volume of Microwave Review.



The Chapter members supported the organization of the 59th national conference ETRAN 2014 and 2nd international conference IcETRAN, The ETRAN and IcETRAN conferences held from June 8 to 11, 2015 in Srebrno Jezero, Serbia. Within the "Microwave Technique, Technologies and Systems" mini-conference three sessions (one in Serbian and two in English) took place. In total 22 papers were presented. (<http://etran.etf.rs/>).



MTT-S Chapter participated in organization of the 8th "IEEEESTEC Student project conference" (<http://ieee.elfak.ni.ac.rs>) held on November 26, 2015 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. It was a chance to encourage undergraduate students to enter the world of scientific work. The best papers are to be sent to IEEE Region 8 competition. The event was very well attended and is getting more and more popular among students not only from universities but also from high schools.



Some members of the Chapter helped organization and participated at the 23rd international conference on telecommunications TELFOR 2015 (session "Applied Electromagnetics and Electronics" and "Radiocommunications"), which was held in Belgrade, in November 2015 (<http://www.telfor.org.rs>).

TELFOR

The annual meeting of members of the IEEE MTT-S Chapter and national Society for Microwave Technique, Technologies and Systems was held on June 9, 2015 in Srebrno Jezero, Serbia.

In April 2015 Prof. Jose Pedro, MTT DML speaker visited the Chapter and gave his DML lecture. At the same time, the Chapter was visited by Prof. Jan Machac, MTT-S ambassador, with the aim to educate the Chapter officers on leading the chapter successfully. A short report of the visit, appeared in Around the Globe Section of Microwave Magazine (vol. 16, no. 9, pp.92-93, DOI: [10.1109/MMM.2015.2453924](https://doi.org/10.1109/MMM.2015.2453924)). On April 4, 2015 Prof. Pedro and Prof. Macháč gave their lectures to the Chapter members and students of the Faculty of Electronic Engineering, Niš:

- DML talk: "*The wonderful world of nonlinearity: modeling and characterization of RF and microwave circuits*", Prof. José Carlos Pedro, University of Aveiro, Portugal
- "*Substrate integrated waveguide – base for leaky wave antennas*", Prof. Jan Macháč, Czech Technical University, Prague, Czech Republic



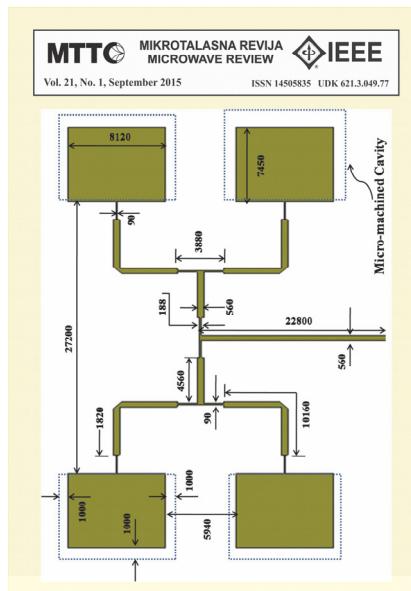
Prof. Pedro (third from the left, front row) and Prof Machac (third from the left, second row) with the meeting attendees

In addition to the mentioned meetings, the Chapter organized two technical meetings:

- Prof. Milan Simić, RMIT University, Australia, gave his lecture "*A Comprehensive Research Report and Collaboration Opportunities*" at the Faculty of Electronic Engineering in Niš, on January 16, 2015. The presentation was followed by a discussion on possible collaboration opportunities.
 - On June 10, 2015 during the IcETRAN conference, Prof. Olga Borić Lubceme, member of MTT-S WIE MGA committee, presented WIE activities within the IEEE MTT-S "*Women in Microwaves*" to the MTT-S and WIE members of Serbia and Montenegro Section. The presentation was followed by a fruitfull discussion.

Most of the mentioned technical events were organized jointly with the WIE Affinity Group, having in mind that lot of MTT-S chapter members are very active members of the WIE Affinity Group.

The twenty first volume of the Microwave Review journal, a publication of MTT-S Chapter of Serbia and Montenegro and national Society for Microwave Technique, Technologies and Systems have been published in 2015, first one published in September 2015 and the current issue to appear in December 2015. Microwave Review is available in electronic version on the web site: www.mwr.medianis.net. The journal is included into IET INSPEC, Scopus and EBSCO host databases.



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