



**IEEE MTT Society**  
**Serbia and Montenegro Chapter**

**REPORT ON THE MAIN CHAPTER ACTIVITIES  
 FROM SEPTEMBER 1, 2010 TO AUGUST 31, 2011**

*Report given by Prof. Vesna Crnojević-Bengin at IEEE MTT-S Region 8 Chapter  
 Chairs' Meeting, held in Amsterdam, The Netherlands, in October 2012*

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The main activities of IEEE MTT-S Chapter of Serbia and Montenegro in the period from September 1, 2011 to August 31, 2012 were related to:

- participation in the organizing of international and national scientific conferences,
- organization of technical meetings where invited lectures were given,
- building curricula from the microwave fields in the scope of under- and post- graduate studies,
- preparation, publishing and presentations of Microwave Review journal, a publication of the MTT-S Chapter of Serbia and Montenegro and the national Society for Microwave Technique, Technologies and Systems.

**TELSIKS 2011**

The main activities in organization of scientific conferences were related to the jubilee **10th IEEE Conference on Telecommunication in Modern Satellite, Cable and Broadcasting Services - TELSIKS 2011**, held at the Faculty of Electronic Engineering of University of Niš, Serbia on October 5 - 8, 2011 (<http://www.telsiks.org.rs>).

The Conference was organized jointly by the Faculty of Electronic Engineering Niš and the national Society for MTT. The conference was organized with technical co-sponsorships of IEEE MTT-Society, IEEE AP-Society and IEEE Region 8. It was organized under auspices of Serbian Academy of Science and Art (SASA), Serbian Ministry of Science and Technological Development and Serbian Ministry of Telecommunications and Information Society and in cooperation with Academy of Engineering Science of Serbia, Serbia and Montenegro IEEE Section, IEEE Communications Chapter, National Society for Telecommunications, IEEE MTT-S Chapter and Society for ETRAN.

162 papers, written by the authors from 34 countries, were presented at the conference.

Moreover, MTT-S chapter was responsible for organization of the plenary session and the round tables related to ICT in Serbia:

- October 5, 2011: Plenary lecture “*Next-Generation Metamaterials for Unprecedented Microwave Systems*” given by Prof. Christophe Caloz, Ecole Polytechnique de Montreal, Canada. Attended by 211 people.
- October 6, 2011: Round table „*ICT in EU and Serbia: State-of-the-Art and Future Steps*“. There were present university professors, representatives of the institutes as well as representatives of ICT companies (around 60 people).

The full report on TELSIKS Conference is published in Microwave Review in December 2012 (Vol. 17, No. 2)



MTT-S Chapter participated in organization of the 4<sup>th</sup> student conference “**IEEESTEC Student project conference**” (<http://www.eestec.org.yu/ieeestec/>) held on November 30, 2011 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. 34 papers were presented. It was a chance to encourage undergraduate students to enter the world of scientific work. The event was very well attended, around 120 people were present.



Some members of the Chapter took part in organization and participated at the national conference on telecommunications **TELFOR 2011** (session “Applied electromagnetics and electronics” and “Radio-communications”), which was held in Belgrade, in November 2011 (<http://www.telfor.org.rs>).



The Chapter supported the organization of the 56<sup>th</sup> national conference **ETRAN 2012**, held in Zlatibor in June 2012. Within the ETRAN Conference, “Microwave and sub-millimeter technique” mini-conference took place, containing 22 papers presented within five sessions. (<http://etran.etf.rs/>).

During the ETRAN conference the annual meeting of members of the IEEE MTT-S Chapter and national Society for MTT was held on June 7, 2011. 26 people were present at the meeting.

The same day, IEEE MTT-S Chapter organized a special session devoted to scientific and professional work of **academician Prof. Aleksandar Marinčić**, one of the pioneers in the microwaves in Serbia, who passed away in February 2011. He was one of the founders of the national Society for microwave technique, technologies and systems and the first chair of local IEEE MTT-S chapter. He was a member of the Microwave Review editorial board since the journal establishment and very actively participated in the manuscript review process. He was the director of Nikola Tesla museum in Belgrade and devoted a lot of his time to popularizing and presenting Tesla’s work. At the beginning of the session, **Prof. Bratislav Milovanović**, chapter chair, gave a talk “*Scientific and Professional Work of Academician Aleksandar Marinčić – Contribution to the Development of Telecommunications*”.



Prof. Marinčić at Exhibition about Nikola Tesla, (organized by Prof. Marinčić) in Mexico, 2007.



Prof. Marinčić giving lecture at the exhibition devoted to Nikola Tesla – TELSIXS 2001, Niš, Serbia.



Some of the Chapter members participated in organization XLVII International Scientific Conference on Information, Communication and Energy Systems and Technologies ICEST 2012, held in Veliko Turnovo, Bulgaria in June 2012 (<http://www.icestconf.org/>). The Chapter chair, Prof. Dr. Bratislav Milovanović, is the co-chair of this years' ICEST conference. The MTT-S Chapter members were organizers of sessions related to Microwave technique and Antennas and propagation.

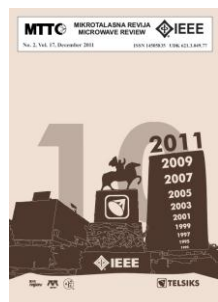
In April 2012, the Chapter hosted **Prof. Dominique Schreurs**, KU Leuven, **MTT-S distinguished lecturer**, who gave the lecture *“Towards Greener Smartphones with Microwave Measurements”*. The lecture was held on April 2 and was very well attended (more than 60 people, including undergraduate students). On April 3, a meeting organized jointly with Serbia and Montenegro IEEE WIE Affinity Group took place. Prof. Schreurs had two talks: *“Overview on IEEE and MTT-S WIE activities”* and *“Wireless sensor network for in-door fall detection.”*



Prof. D. Schreurs, MTT-S Distinguished lecturer



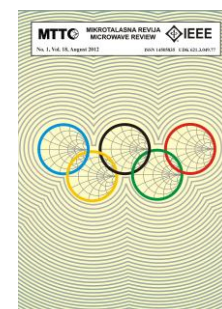
Prof, Schreurs with WIE members from the University of Niš



Two issues of the Microwave Review journal, a publication of MTT-S Chapter of Serbia and Montenegro and national Society for Microwave Technique and Technologies were prepared in this period. One was published in December 2011 (Vol.17, No.2) and the other in August 2012 (Vol.18, No.1).

Microwave Review is available in electronic version on the web site: [http://www.mtt-serbia.org.rs/microwave\\_review](http://www.mtt-serbia.org.rs/microwave_review). It should be noted that in this period the journal is accepted to be included into SCOPUS

database.



In the forthcoming months, the Chapter members are going to continue their professional and educational activities. Moreover, activities on strengthening of collaboration with other local IEEE Chapters, student and professional organizations will be performed.

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