



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

**REPORT ON THE MAIN CHAPTER ACTIVITIES  
FROM SEPTEMBER 1, 2007 TO AUGUST 31, 2008**

*This report was given by Prof. Bratislav Milovanović, Chapter Chair, at IEEE MTT-S Region 8 Chapter Chairs' Meeting, which was held in Amsterdam, The Netherlands, in October 2008.*

In the period September 1, 2007 to August 31, 2008, the main activities of the members of IEEE MTT-S Chapter of Serbia and Montenegro within in the scope of Chapter activities have been related to:

- participation in the organizing of several international and national conferences,
- related to activities in organizing of the conferences several technical meetings of Chapter members that are members of TPCs and organizing committees the conferences were held
- organizing of technical meetings where some lectures were given,
- building curricula from the microwave fields in the scope of under- and post- graduate studies,
- preparation, publishing and presentations of two issues of the Microwave Review journal, a publication of the MTT-S Chapter of Serbia and Montenegro and the national Society for Microwave Technique and Technologies.

The main activity of the MTT-S Chapter members in this period was organization of the 8th IEEE Conference on Telecommunication in Modern Satellite, Cable and Broadcasting Services - TELSIS 2007, held at the Faculty of Electronic Engineering, University of Niš, Serbia, from September 26 - 28, 2007 (<http://www.telsiks.org.rs>).

Chapter members that are included in the TPC and the organizing committee of the next TELSIS 2009 Conference met in July 2008 in order to discuss the first steps of the conference organization. 15 people took part at the meeting.

Some of the Chapter members participated in organization XLIII International Scientific Conference on Information, Communication and Energy Systems and Technologies ICEST 2008, held in Niš, Serbia in June 2008 (<http://www.icest.medianis.net>). The Chapter chair, Prof. Dr. Bratislav Milovanović, Chapter Chair, is the chair of the ICEST conference. The MTT-S Chapter members were organizers of a plenary session and sessions related to Microwave technique and Antennas and propagation.

Some members of the Chapter helped organizing and participated at the national conference on telecommunications TELFOR'07 (session "Applied electromagnetics and electronics"), which was held in Belgrade, in November 2007 (<http://www.telfor.org.yu>)

The Chapter supported the organization of the 52<sup>nd</sup> national conference ETRAN 2008, held in Palić, in June 2008. Within the ETRAN Conference, "Microwave and sub- millimeter technique" mini-conference took place containing three very successfully organized sessions: "Microwave Passive Devices", "Microwave Electronics" and "Antennas, propagation of EM waves and microwave Measurements", (<http://etran.etf.bg.ac.yu/>).

During this period MTT-S Chapter of Serbia and Montenegro has organized the following technical meetings:

1. TELSIXS 2007 Plenary session held on September 26, 2008. The session was attended by 52 people.
2. Workshop "Advances in Microwave and Optical Technology and Design" held on September 27, 2008. 34 participants attended the Workshop.
3. Workshop "New telecommunication systems in modern business buildings in Serbia" held on September 27, 2008. 103 participants were present.
4. Round table "The Accreditation of Higher Education Institutions and Academic Curricula" held on September 27, 2008. 77 members of Serbian academic staff were participated.
5. Round table "Digital Radio Broadcasting in Republic of Serbia until Year 2015" held on September 27, 2008. The round table was attended by 125 people.
6. Within the EESTEC BiZbuZZ Seminar in Niš in October 2007 two lectures were organized together with ED/SSC Chapter: "*Micro-Technologies and Micro-Systems*" given by Prof. Dr. Nebojsa Jankovic, senior IEEE member and "*Application of Artificial Neural Networks in Modeling of Electronic Devices*" given by Dr. Zlatica Marinković. The both lecturers are with the Faculty of Electronic Engineering, Niš, Serbia. The number of present people was 31, most of them were students.
7. Dr. Hartmut Brauer, Technical University of Ilmenau, Germany gave two lectures "*Magnetic Field Tomography and Inverse Problems Applied to Bioelectromagnetism and Magneto-Fluid-Dynamics*" and "*B.Sc./M. Sc. Curricula at the Ilmenau University of Technology*" at the technical meeting which was held at the Faculty of Electronic Engineering in Niš, on March 31, 2008. The lecture was attended by 26 people.
8. Technical meeting in June 2007 in Niš, where two lectures were presented. The first one "*New edge TV systems: standards and applications*" was given by Prof. Dr. Miodrag Temerinac, and the second one "*Modern IC design flow in consumer electronics*" given by Prof. Dr. Nikola Teslić. The lectures are with MicronasNIT LLC, Novi Sad & University of Novi Sad. 28 people were at the meeting.
9. Plenary session at ICEST 2008 Conference held on June 26, 2008. A plenary lecture "*Efficient Field Computation Based on N-Port Methods*" was given by prof. Franz Schlagenhauser, University of Western Australia. It is important to note that Prof. Schlagenhauser is an IEEE distinguish lecturer, although the lecture was not organized under IEEE program of distinguish lectures. The lecture was attended by 51 participants of the Conference.

Since the reform of curricula has been in progress at Serbian Universities, the Chapter members have been very active in building curricula of the subjects from the microwaves and related fields. The most active in these activities have been Chapter members from the Microwave group from Faculty of Electronic Engineering in Niš. They have had a series of meetings under the European Commission tempus program "New Master Programmes in Telecommunication and Control". More information about this project can be found on the address <http://tempus41112.elfak.ni.ac.yu>.

Within this period 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 have been prepared. One was published, in November 2007 (Vol.13, No.2.), and the other is going to be published in September 2008 (Vol.14, No.1). Microwave Review is available in electronic version on the web site: [www.mwr.medianis.net](http://www.mwr.medianis.net). Prof. Vera Marković gave several journal presentations during this period. A technical meeting of the Chapter members involved in the editorial activities of the Microwave review was organized in August 2008, in order to discuss contents of the forthcoming issues as well as activities on including the journal in databases like INSPEC and SCI and how to popularise the journal not only in Serbia but also abroad.

It should note that due to pre-registration of Internet domains in Serbia the Chapter web address was changed to <http://www.mtt-serbia.org.rs/chapterhome.htm>.

As one can see from the report, Chapter activities in this period are as successful as the activities in the previous years. In the forthcoming period we are going to strengthen the activities on IEEE MTT-S membership popularising and the activities on joining of more student members to the Chapter.