



IEEE MTT Society
Serbia and Montenegro Chapter

REPORT ON THE MAIN CHAPTER ACTIVITIES
FROM SEPTEMBER 1, 2006 TO AUGUST 31, 2007

This report was given by Prof. Bratislav Milovanović, Chapter Chair, at IEEE MTT-S Region 8 Chapter Chairs' Meeting, which was held in Munich, Germany, on October 7, 2007.

In the period September 1, 2006 to August 31, 2007, 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:

- the participation in the organizing of several international and national conferences,
- the organizing of several technical meetings,
- the discussion and building curricula from the microwave fields in the scope of under- and post-graduate studies,
- the 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 conference supported by the MTT-S Chapter in this period is the 8th IEEE Conference on Telecommunication in Modern Satellite, Cable and Broadcasting Services - TELSIS 2007 which is going to be held at the Faculty of Electronic Engineering, University of Niš, Serbia & Montenegro, from September 26 - 28, 2007 (<http://www.telsiks.org.yu>). It is organized by the Faculty of Electronic Engineering - Niš, under IEEE MTT-Society, Communications Society, AP-Society and Region 8 technical co-sponsorships, and in co-operation with IEEE Section of Serbia and Montenegro, IEEE MTT-S Chapter of Serbia and Montenegro and IEEE Communications Chapter of Serbia and Montenegro. All submitted scientific and application oriented contributed papers are being reviewed by the International Review Board. Authors of the papers are from 30 countries all over the world. The technical program is going to include plenary sessions, oral and poster sessions, a workshop, two round tables and several professional meetings and commercial presentations.

It is important to note that main topics of the conference (RF and microwave technique, Antennas and propagation, Computational electromagnetic, Electromagnetic compatibility, Broadband wireless access, Broadcasting and digital television, Satellite communications, Mobile communications, New telecommunications technologies and services, etc.) and the workshop are microwave-field-related.

The Chapter members participated in organization of 6th International Symposium Nikola Tesla, on the occasion of 150th anniversary of Nikola Tesla, held in Belgrade, in October 2006 (<http://www.tesla-symp06.org/>). It was organized by the Government of the Republic of Serbia. The Symposium Co-organizers are: Serbian Academy of Sciences and Arts, Belgrade Faculty of Electrical Engineering, Belgrade, Faculty of Electronic Engineering, Niš, Faculty of Technical Sciences, Novi Sad, Institute of Electrical Engineering "Nikola Tesla", Belgrade, Institute "Mihailo Pupin", Belgrade, Academy of Engineering Sciences of Serbia and Montenegro, Belgrade. The symposium was organized in co-operation with: Nikola Tesla Museum, Belgrade, IEEE Serbia and Montenegro Section, Tesla Memorial Society, New York and technically co-sponsored by IEEE Region 8. The former Chapter Chair, Prof. Dr.

Aleksandar Marinčić, member of Serbian Academy of Sciences and Arts was the Chair of the symposium. Prof. Dr. Bratislav Milovanović was a member of the Symposium Steering Committee.

Some of the chapter members participated in organization of ICEST 2007 Conference, held in Ohrid, Macedonia in June 2007 (<http://icest2007.uklo.edu.mk>). Papers of the Chapter members were presented within two sessions related to Microwave technique and Antennas and propagation. The Chapter chair, Prof. Dr. Bratislav Milovanović is co-chair of the ICEST conferences.

Some members of the Chapter helped organizing and participated at the national conference on telecommunications TELFOR'06 (session "Applied electromagnetics and electronics"), which was held in Belgrade, in November 2006 (<http://www.telfor.org.yu/telfor2006/index.html>).

The Chapter supported the organization of the 51st national conference ETRAN 2007, held in Herceg Novi - Igalo, Montenegro, in June 2007. Within the ETRAN Conference, "Microwave and sub-millimeter technique" mini-conference took place containing three very successfully organized sessions: "Microwave Antennas", "Microwave Passive Devices" and "Microwave Electronics" (<http://etran.etf.bg.ac.yu/>).

During this period YU MTT Chapter has organized three technical meetings where invited lectures were presented. These are:

1. Technical meeting in April 2007 in Novi Sad, where Prof. Bratislav Milovanović, a member of the national Commission for accreditation and assurance quality gave a lecture "*The accreditation of faculties and curricula in field of Electrical Engineering*".
2. Technical meeting in May 2007 in Niš, where Prof. Djurdj Budimir, Westminster University, UK, gave a lecture "*Broadband wireless systems and technologies*".
3. The annual technical meeting during the ETRAN Conference in Herceg Novi – Igalo, where a lecture "*Broadband microwave receiver for 256QAM modulation*" was given by Prof. Aleksandar Nešić and the latest issue of *Microwave Review* was presented by the journal editor Prof. Vera Marković.

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 microwave fields. Some of them have been involved in the curricula development projects within TEMPUS and WUS Austria programs.

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 were published, one in November 2006 (Vol.12, No.2.) and June 2007 (Vol.13, No.1). Microwave Review is available in electronic version on the web site: www.mwr.medianis.net. Prof. Vera Marković gave several journal presentations during this period, and the other Chapter members have been doing their the best in order to popularize the journal not only in Serbia but also abroad.

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 popularizing and the activities on joining of more student members to the Chapter.