

Twenty Year Long Tradition of TELSISKS Conferences

Following the 20 year long tradition, 11th *International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services - TELSISKS 2013* was held at the Faculty of Electronic Engineering, University of Niš, Serbia, on October 16-19, 2013. TELSISKS conference is one of the leading scientific conferences in the region in the field of information and telecommunication technologies, systems and services. The conference was organized by the Faculty of Electronic Engineering, Niš and the national Society for Microwave Technique, Technologies and Systems, under auspices of the Serbian Academy of Sciences and Arts, Serbian Ministry of Education, Science and Technological Development, Serbian Ministry of Foreign and Internal Trade and Telecommunications, 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. The conference was technically cosponsored by IEEE MTT Society and IEEE AP Society as well as by IEEE Region 8. As in the previous years, the conference proceedings will be included in digital IEEE Xplore database.

The conference was officially opened by Prof. Vera Dondur, president of the National Council for Scientific and Technological Development, Serbia. The scientific part of the conference was organized within oral and poster sessions where scientists and experts from more than 100 different institutions all over the world presented their latest achievements. The conference started with the plenary lecture "The Geometric Representation of Electrodynamics by Exterior Differential Forms", given by Peter Russer, professor emeritus with the Technical University of Munich, Germany. Among the contribution-oriented papers there were 20 invited talks, given by the well-known experts in the fields covered by the conference program, presenting the state-of-the art in the corresponding fields. The most of papers dealing with the topics from the field of microwaves were presented during three regular sessions (Microwave Technique, Microwave Electronics and Microwave Communications) and one poster session (RF and Microwave Technique, Antennas and Propagations).

Along with the presentation of scientific papers, there were several additional events organized during the conference related to the scientific and professional trends in the world and in Serbia, as well as to the applications of the latest ICT achievements in the industry in Serbia. The most important among them are:

- Round table "Digitization: Rational use of the radio frequency spectrum", held on Wednesday October 16, is a part of the continual activities of the Serbian Agency for electronic communications (RATEL) related to digitization in Serbia, started by a round table at the TELSISKS conference in 2007. The event was organized jointly with RATEL with participation of representatives of regional and local TV stations, telecommunication operators, Niš Cluster of Advanced Technologies, Regional Chamber of Commerce Niš as well as number of professionals in the field.
- International Professional Conference "*Development and implementation of advanced cable services and effective business models – DIACAS 2013*", 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" was held on Thursday, October 17.



Microwave Technique Session

- Workshop: “*The Appropriate Design of the Reconstruction Filter and its Influence on the Output Power and Efficiency of Class-S and Quasi Class-S Power Amplifiers*”, was given by Dr. Kurt Blau, Ilmenau University of Technology, Germany on Friday October 18. The aim of the workshop was to present a deep analysis of reconstruction filters for current mode class-S and partial of quasi class-S power amplifier systems in order to show and discuss requirements for realization of the mentioned filters. Analysis of the application of these filters in the power amplifier systems is based on the highest output power levels and high efficiency in a wide frequency range.

Among previous activities, a round table „*Women’s participation in science and technology – opportunities, challenges and way forward*”, was held during the IEEE Women in Engineering – Affinity Group of Serbia and Montenegro Section meeting, as a part of the project supported by Center for the Promotion of Science of Republic of Serbia. The main idea behind is to open discussion how to increase visibility of women in science and technology in public and media and how to motivate girls and young women to choose their carriers in these areas.

A social program rich in events contributed to the success of the conference. The official opening of the conference was followed by several songs performed by Oliver Njego, a well-known Serbian opera singer, who participated also in the evening concert together with the vocal group Constantine. The TPC members and invited authors were guests of the Mayor of the City of Niš in the City Hall. Interested participants enjoyed a sightseeing tour, within which they visited the fortress of Niš, Scull tower - a monument from the Ottoman time and the exhibition “Constantine the Great - 1700 years of the Edict of Milan”. For the registered participants a welcome cocktail on the first day and a gala dinner in the evening of the second conference day were organized.



Prof. Bratislav Milovanović, conference chair, with some of the conference participants

It should be noted that almost all of the members of the conference organizing committee are members of the IEEE MTT-S Chapter of Serbia and Montenegro. Also, the Chapter members were the main organizers of the plenary lecture, workshop, round tables and professional conference related to cable services.

The TELSIS conference organizing committee will do their best to keep the level of the conference in the forthcoming years, connecting the scientists and professionals, encouraging students and young professionals for scientific-research and innovation work, supporting transfer of the research results into industry and supporting activities devoted to making an appropriate environment for development of national ICT industry and the society in general.

Prof. Bratislav Milovanović
TELSIS 2013 Chair
Chair of IEEE MTT-S Chapter of Serbia and Montenegro

Dr. Zlatica Marinković
Secretary of IEEE MTT-S Chapter of Serbia and Montenegro