



**14<sup>th</sup>** International Conference on Advanced Technologies,  
Systems and Services in Telecommunications

**TELSIKS  
2019**



Serbia, Niš, October 23 - 25, 2019



## Call for Papers TELSIKS 2019 Special Session:

# Bioengineering Applications of Microwave Techniques

Bioengineering is an interdisciplinary science that applies engineering principles to the study of medical and biological problems, serving as a bridge connecting engineering with life sciences. Nowadays, we are witnessing an explosion of interest in bioengineering applications, opening up new opportunities and challenges. This is a very exciting time for those of us working in the awesome field of microwave engineering. As microwave engineers, we are increasingly called upon to contribute greatly to the empowerment of bioengineering through the study and design of microwave devices, circuits, and systems. Although initially dominated by the defense industry, the microwave engineering has undergone a tremendous expansion in the last decades, driven by the ongoing information and communication technology revolution, thereby paving the way for further progress in bioengineering applications. The key outcome of this scenario is that the use of microwave techniques for bioengineering applications is a vibrant, timely, and rapidly growing area of research. With the aim of contributing to this research field, the purpose of this special session is to provide a platform for stimulating discussion and knowledge exchange on the state-of-the-art and future directions of the microwave techniques for applications in the life sciences.

To submit contributions to the special session, authors should follow the paper submission guidelines of regular papers. Note that papers submitted to the special session will undergo the same review process as regular papers and will be published in conference proceedings and IEEE Xplore.

The due date for paper submission is **May 15, 2019**

For further information, please visit the conference website at: [www.telsiks.org.rs](http://www.telsiks.org.rs)

If you have any question, please contact us at the following addresses:

### Special Session Chairs



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