



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

**TELSIKS  
2021**



Serbia, Niš, October 20 - 22, 2021



*Call for Papers TELSIKS 2021 Special Session:*

## **Advanced Sensor Technologies in Biomedical Applications and Healthcare**

In recent years, sensors have seen a growing interest and a high development in terms of variety of application fields and associated services, due to their employment either as single devices or as sensor arrays in conjunction with embedded systems. In this context, several sensors and sensor based systems typologies can be employed with the aim to fulfill the new requirements coming from biomedical and health care are applications. With the aim of contributing to this research field, this special session is intended to be a platform for meeting and discussing about the state-of-the-art, the new challenges and new technologies concerning these sensors and the related functioning mechanisms. Particular attention will be paid to resonant sensors and their use up to microwave ranges. However, papers regarding the use of sensors in complex systems aimed at health monitoring and non-invasive diagnostics will also be warmly welcome.

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 **June 15, 2021**

Due to Covid-19 travel restrictions, the session will be conducted virtually

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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