



INTERNATIONAL CONFERENCE ON SMART AND SUSTAINABLE TECHNOLOGIES



Split - Bol, June 20–23, 2023
Location: Bol, Hotel Elaphusa

Special Session within the International Symposium on
Advances in RFID Technology and Electromagnetics for IoT:
**Electronic and Radiation Systems for Internet of
Medical Things**

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Call for papers

Smart electronic systems equipped with lots of sensors and devices are gaining an increasingly important role in everyday life and in the so-called Internet of Medical Things. Thanks to those devices it is possible to monitor biological parameters, for example aiding doctors' job by supporting the final diagnosis and monitoring the progress induced by the assigned therapy, monitoring the body response during sports sessions or simply monitoring the biological signals during the day.

As a result of a great research effort, the miniaturization of the circuits and components brought attention to designing compact but very complex and power-efficient devices users can bring along without interference with everyday life. Moreover, new flexible materials allowed to make those devices more interesting and less invasive since the boards and the antennas can be put on following the body shapes.

This Special Session aims to highlight research challenges and technological advancements in design, modelling, and characterization of electronic and antenna systems suitable for the Internet of Medical Things. The involved topics are (but are not limited to):

- Stretchable electronic circuits and systems
- Smart antenna systems
- 3D printed antennas
- Wearable circuits and systems for health care
- Conformal antenna array
- Smart RFID-based devices
- Wearable and stretchable antenna systems
- Textile antennas
- Low-power electronic systems
- Analog, digital and mixed-signal electronic circuits
- Digital Processing of biomedical signals



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