

Special Issue

New Trends in Automated Control Systems for Biomedical Application

Message from the Guest Editor

I propose to prepare a Special Issue of the journal *Sensors*, dedicated to the study of biocybernetic complexes, which should include a person interacting with technical structures to perform a variety of tasks. Humans are used to endowing the world of things with human qualities. Therefore, the need has come to identify a person as a biocybernetic structure. Topics of interest include (but are not limited to) the following:

- Problems of digitalization of society and people.
- Systems for continuous recording of ECG, heart rate, and identification of the functional state of a person.
- Exoskeletons, simulators, and insulin pumps as biocybernetic structures.
- Modeling the main systems of human life, such as the cardiovascular system, central nervous system, respiratory system, etc.
- Digital identification of a healthy person.
- Digital identification of a person's condition with cardiovascular diseases.
- Digital identification of the state of the pregnant woman and the fetus at all stages of pregnancy.
- Digital identification of a person interacting with technical, industrial, and political structures.

Guest Editor

Dr. Vladimir Kodkin

The Automated Electric Drive Department, Faculty of Power Engineering, South Ural State University, Chelyabinsk 454080, Russia

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Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Department of Electrical and Information Engineering, Politecnico di Bari, Via Orabona 4, 70126 Bari, Italy

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