Special Issue

Computational Intelligence for Physiological Sensors and Body Sensor Networks

Message from the Guest Editor

The rapid development of electronics leads to the applications in many areas of science and technology, whilst simultaneously creating many challenging problems in every aspect of modern life. A body sensor network (BSN) connects sensors and devices that are placed around the human body or in personal clothing to collect physiological data. Different sensor technologies are used to collect this data, like physiological sensors (e.g., EEG, ECG, electrodermal activity, and skin conductance) and other non-intrusive sensors and devices (e.g., imaging cameras, Leap Motion, and Kinect). The collected data must be analyzed using intelligent methods in order to be usable in a variety of applications such as ambient assisted living, health monitoring, rehabilitation, sports, emotion-aware intelligent systems, and gaming. This Special Issue invites contributions that address (i) sensing technologies and issues and (ii) computational intelligence techniques of relevance to tackle the challenges above. In particular, submitted papers should clearly show novel contributions and innovative applications.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

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