Special Issue

Learning and Triage for the Health Internet of Digital Twins

Message from the Guest Editor

The medical sciences involve natural signals, without an immediate and exact relation to the ingredients of a mathematical model. The perfect algorithm can be too complex for real-time execution, while the fast solution lacks the required accuracy. Spreading the algorithmic ingredients in time and space results in many architectural arrangements that are worthy of consideration. For example, it has been demonstrated that the blood pressure meter can be bettered, from 25% for the single device to 3%. This uses a judicious selection of many crude measurements, each sharing packages with other parts. This is the world of the Internet of Things. Learning by Reference takes physical plausibility into account for reading a measurement with increased accuracy. For instance, when compared with walking in the sun, the skin temperature will be lower in the shade. The skin temperature for a wrist sensor has a similar deviance. However, the offset is not a constant in a body network, as feature synchronization has to be included. This Special Issue will include such Learning by Reference mechanisms, including, but not limited to, swarming for triage in a typical polyclinic.

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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.

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