Special Issue

Intelligent IoT End-Nodes

Message from the Guest Editor

One of the foreseen growths in the semiconductor industry is propelled by the Internet of Things (IoT), from servers down to end-nodes just at the interface between humans and cyber-physical systems. From a technological perspective, end-nodes are platforms where the knowledge of many domains comes together, from hardware to software. The common denominator of these devices is energy consumption since they will be running on small energy supply sources and even on harvesting. End-nodes are evolving from sophisticated sensor hubs to platforms with cognitive capabilities. In other words, hardware that mimics in some ways human intelligence. This special issue is soliciting papers in the field of intelligent IoT end nodes. In particular, papers addressing

- Technology thrust considering computing power, connectivity, and merger of IoT with cognitive systems with smart interactions with the physical world
- Usability of new technologies, e.g. machine-machine and human-machine interfaces for cyberphysical systems
- Power autonomy and (near) perpetual operation of end-nodes

Guest Editor

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

Journal of Low Power Electronics and Applications (ISSN 2079-9268) is an open access journal which provides an advanced forum for the studies of electronics for low power applications. A special emphasize is made on ultralow power bio-medical applications. It publishes reviews, regular research papers and short communications.

Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers. Full experimental and/or methodical details must be provided.

Editor-in-Chief

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