

Special Issue

Recent Advances in Internet of Things and Emerging Social Internet of Things: Vision, Challenges, and Trends

Message from the Guest Editors

In recent years, the Internet of Things, together with its related emerging technologies, has been driving a revolution in the way people perceive and interact with the surrounding environment. The full potential of the emerging IoT paradigm requires a large amount of industrial and academic research efforts directed to the design, development, and assessment of novel architectures, methodologies, and technologies. The Social Internet of Things (SIoT) refers to the convergence of the IoT and social networking paradigms for the creation of social networks in which things are nodes that establish social links as humans do. This concept has become a hot topic in academic research. The benefits derive from the potential of social networks within the IoT domain, such as simplification in the navigability of a dynamic network of billions of objects, robustness in the trustworthiness of objects, and efficiency in the dynamic discovery of services and information.

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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 guestedited by leading experts in selected topics of interest.

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