Special Issue

Big Data and Internet of Thing

Message from the Guest Editors

The Internet of Things (IoT) is a platform and a phenomenon that allows everything to process information, communicate data, analyze context collaboratively, and is in the service or individuals, organizations, and businesses. In the process of doing so, a large amount of data with different formats and content should be efficiently processed, quickly and intelligently, through advanced algorithms, techniques, models, and tools. This new paradigm is enabled by the maturity of several different technologies, including the Internet, wireless communication, cloud computing, sensors, big data analytics, and machine learning algorithms. Big data is another paradigm to describe the processing of data to have it "make sense" to people using IoT. Coupling IoT and big data will provide new synergies in all aspects, including technological advances, innovative ideas, intelligent services, smart cities incentives, and useful applications. IoT that serves as data collection platforms, and big data, which is the gold mine at the backend, are awaiting big data analytics to discover valuable insights. These two areas of IoT and big data complement each other, working hand-in-hand naturally, enabling new services and applications for improving our daily lives, as well as for better city planning and disaster and emergency control.

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Message from the Editor-in-Chief

Future Internet is a fast-growing journal devoted to rapid publications of the latest results in the general areas of computer networking/communications and information systems, with a focus on the Internet of Things, big data and augmented intelligence, smart systems (in terms of technologies, architectures, and applications), network virtualization, edge/fog computing, and cybersecurity. Both theoretical and experimental papers are welcome. Every year, *Future Internet* also features Special Issues dedicated to specific topics within the journal's scope.

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