Special Issue

The Role and Impact of the Internet of Things (IoT) in Sustainable Smart Cities

Message from the Guest Editor

The Internet of Things (IoT) is becoming a key enabling technology, with multiple innovations supporting the smart city paradigm. For instance, providing multi-hop collaboration among IoT sensor networks helps to reach possible services from Cloud computing facilities, and machine learning (ML) techniques are employed to adapt existing configurations. Moreover, emerging 5th and 6th generation (5G/6G) technologies can revolutionize ubiquitous computing with numerous sustainable applications built around various "smart" sensors enabled with cognition and ML techniques. ML has shown an outstanding performance in complicated tasks that require human-like intelligence and intuition. This Special Issue brings together a broad multidisciplinary community studying cognitive architectures across science and engineering. It aims to integrate ideas, theories, models, and techniques from across different disciplines on cognitive architectures.

Guest Editor

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