SPECIAL ISSUE ON SMART CONNECTIONS AND INTELLIGENT COMPUTATION IN IoT

PREFACE

Faced with the advent of the era of Internet of Things (IoT), a large number of data applications will enter our lives. Devices will be quickly connected to networks via sensors, tags, and data. Thus, the explosive growth of IoT applications will create many scientific and engineering challenges that call for creative research efforts from both academia and industry, especially for the development of efficient and reliable connections and computation. For a meaningful analysis to rapidly move large amounts of data in multiple formats, it is necessary to provide innovative services to highlight the value of wisdom.

This special issue focuses on innovative results and progress in the development of theoretical, methodological, and practical aspects of IoT, along with innovative or interdisciplinary approaches that will benefit both academia and industry. This special issue contains nine papers categorized into articles on biosensors, inertial sensors, and image sensors. The first six papers are related to sensor applications, not only sensing data transmission but also analyzing the collected data through machine learning. These studies provide valuable results for different sensor applications and integrations. The next three papers present how robots and sensors are combined in applications.

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