Special Issue on “Recent advances in Internet of Things using Computing Intelligence”

Enabling autonomous interaction between social networks and Internet of Things is another emerging interdisciplinary area and is leveraging modern promising paradigm of Internet of Things (IoT). It provides a platform for worldwide interconnected objects to establish social relationship by sacrificing their individuality to common interest and better service to users. This relationship among objects can be of co-location, co-work, parental, social or co-ownership. IP-enabled embedded devices and smart objects, short range and long range communication technologies, data collection, analysis, processing and visualization tools from big market giants and its multifaceted advantages in network navigability, scalability, evaluation of objects’ trustworthiness, service composition, object discovery, behavior classification and prediction, just the name of few, are giving it an accelerated momentum for becoming one of the most popular future Technologies.

The list of possible topics includes, but not limited to:

- IoT sensors and acquisition systems
- Architecture of IoT systems
- IoT Network architecture Performance issues
- Signal-processing aspects of IoT
- IoT identification, addressing and naming schemes
- Sensor communications protocols for IoT
- Energy related issues to IoT
- efficiency, security & privacy, autonomous management of IoT
- Node characterization and paradigm for IoT
- IoT flexible and expandable infrastructure
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