INTERNATIONAL CONFERENCE ON INNOVATIVE COMMUNICATION AND COMMUNICATION (ICICC-2019)

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Call for Special Session on: Intelligent Systems for IoT

Convened By:
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Objectives and Motivation

Internets of Things & Intelligent Systems are the latest buzzword in the head of techies round the clock these days. Internet of Things (IoT) based Expert Applications are overwhelming and thus, it is a topic of huge significance. The development of IoT, however, has reached a crossroads. IoT intends to deliver the next wave of disruption and growth to every facet of digital life, and now is the time for laying the groundwork, upon which IoT processes can be built. Without intelligence, an IoT system will act as an ordinary information system the reactions of which are based on a set of predefined rules. They may not be the services we are looking for. One of the research trends is thus to make this kind of system as smart as it can, by applying so-called "intelligent technologies" so that it can provide us the "right services". Among the intelligent technologies, handling the massive amount of data generated by systems and devices of the IoT has been widely deliberated as it contains highly useful information. Many other technologies, such as data mining, big data analytics, statistical and other analysis techniques, have also been used for exploring data generated from the IoT. In addition to analysis techniques, intelligent technologies such as simulated annealing, tabu search, genetic algorithm, ant colony optimization, and particle swarm optimization, also provide many possibilities for the IoT because not only can they be used to enhance the performance of a system and its devices, they can also be used to make a system aware of events occurred. Special Session on **Intelligent Systems for IoT** is to provide an opportunistic forum and vibrant platform for researchers and practitioners to exchange state-of-the-art knowledge on specific new challenges, applications and experiences, and to find global partners for future collaboration on emerging issues.

Scope and Interests

This Special Section on **Intelligent Systems for IoT** will focus on current advances in the research while sharing novel research and cutting-edge developments in the fields of intelligent technologies for the IoT and their applications, such as e-Health, energy, industry and ambient assisted living. We also welcome researches on IoT related technologies, such as cloud computing, network security, wireless sensor network, vehicular networking, smart grids, big data, and M2M (Machine to Machine) technologies. The outcome of this special session will significantly contribute to the society by serving the expert community seeking to stimulate the

development to improve lives throughout the world by providing innovative results. Topics of interest include (but are not limited to):

- Artificial Intelligence & IOT
- Intelligent Systems and its Applications in IOT
- The role of Intelligent Systems in the IoT revolution
- Artificial intelligence as part of the IoT revolution
- Smart Apps for IOT
- Collaborative Intelligent systems & IOT
- Agent technology for IOT
- Intelligent Network Technologies for the IoT
- Intelligent Security Framework and Protocol for the IoT
- Intelligent Privacy Protection for the IoT
- IoT on e-Health and Ambient Assisted Living
- IoT on energy management
- IoT in industry
- Intelligent Applications of the IoT
- Mobile Computing and Sensing for the IoT and M2M
- Meta-heuristic algorithms for the IoT and M2M
  and many more…

Paper Submission

All instructions and templates for submission can be found in the http://icicc-conf.com

The papers submitted to the conference will be peer reviewed and published as proceedings in Springer

Submission Procedure

Researchers and practitioners are invited to submit papers for this special theme session on **Intelligent Systems for IoT** on or before 30 November 2018. All submissions must be original and may not be under review by another publication. **Interested authors should consult the conference's guidelines for manuscript submissions** at http://iciccconf.com/paper_submission.html. All submitted papers will be reviewed on a double-blind, peer review basis.

NOTE: While submitting paper in this special session, please specify **Intelligent Systems for IoT** at the top (above paper title) of the first page of your paper. All inquires should be should be directed to the attention of:

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