Title of the Special Session

"Computational Intelligence based techniques for smart Communication System"

Details of Session Chair and Co-Chair

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Aims & Scope:

The implementation of Internet of Things and smart intelligence systems have been rapidly increased since last few decade. With the growth in higher computational power and well developed networks such as LTEpro and 5G networks, the scope and performance of smart communication system have been improved. From smart home lighting to automated tasks IOT have a wide application in different areas hence it acts as a key feature to build the base for the future intelligent systems. As smart system is in its evolving phase therefore some common problem faced by the IOT system are extraordinary massive connections, huge bandwidth, seamless coverage, high-mobility support, ultra-reliability, and/or super-low latency etc. There are big challenges, how to smarten the future IoT service provision which is based on communications. To cope up with the real needs of consumers, Communication System must be flexible and adaptive . Network slicing and Fog/Edge Computing (FEC)-based technologies provide Communication systems with promising architectural foundations. However, there are still a number of difficulties at the implementation level, including the cooperation between

operator-renting communication and the existing enterprise communication, network mobility, security and privacy, etc.

The aim of this special session on "Computing Intelligence for smart Communication System" is to bring together innovative Academics, Researchers and Industrial experts to discuss the theoretical and practical challenges encountered and the solutions adopted.

Topics of Interest: We invite original (un-published) research contributions based on the above mentioned theme including following topics but not limited to:

Subtopics:

- Intelligent communication network architecture
- Communication and network protocols for smart Systems
- Compatibility and coexistence of distinctive IoT systems
- Intelligent computing algorithms and network models for future communication
- Network slicing and Fog/Edge Networking system
- Innovative applications of future Communication system
- Intelligent Devices
- Intelligent Software Methodologies, Tools and Techniques
- Information Processing Techniques
- Adaptive Wireless Communication

Technical Programme Committee(s):

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Submission Procedure:

Researchers and practitioners are invited to submit papers through the below given easy chair link:
https://easychair.org/conferences/?conf=wcis2020

Select the special session track from the listed track. All submissions must be original and may not be under review by another publication. The submitted papers will be reviewed on a double-blind and peer review basis.

Publications:
The after-conference proceedings of the CIS2020 will be published in Springer Book Series, 'Advances in Intelligent Systems and Computing'.

All inquiries should be directed to the attention of Session Chair/Co-Chair:

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