Futuristic Trends in Network and Communication Technologies (FTNCT-2018)

TECHNICAL TRACKS:

Track 1-Network Technologies:
Network Performance Analysis, Parallel & Distributed Networks, Internet of Things Networks, Social & Smart Networks, Software Defined Networks, Vehicular Ad-hoc Networks, Mobile Ad-hoc Networks, Delay Tolerant Networks, Fault Tolerant Networks, Body Area Networks, Opportunistic Networks, Cognitive Radio Networks, Satellite Communication, Parallel and Distributed Networks, Network Dependability, Network Optimization, End-to-end resilience, Quality of service in Networks, Mobile & Ubiquitous Computing, Network and Information Security, Network Service and Applications, Network and Service Management and related topics.

Track 2 – Wireless Networks: Wireless Multimedia Sensor Networks, Cross Layer Design in WSN, Network Security and Attacks, Network Protocols and QoS, Energy Efficiency, Time Synchronization in WSN, Query Processing and Data Aggregation, Node Clustering in WSN, Routing and Architectures in WSN, High Speed Wireless Networks, Wireless Network Management, Bandwidth Optimization and related topics

Track 3- Internet of Things (IoT): IoT Architectures & Protocol, IoT's impact on 5G, IoT system architecture, IoT enabling technologies, IoT communication and networking protocols such as network coding, and IoT services and applications, IoT demands, impacts, and implications on sensors technologies, IoT & big data management, and future internet design for various IoT use cases, such as smart cities, smart environments, smart homes, Internet of Things (IoT) for education, Cloud based e-Learning and offer as a service, Big Data and Cloud in Hospital Management Systems (HMS), Decision support systems, expert systems for knowledge capturing, extraction and modeling in context to E-Learning, Mobile learning and related topics.

Track 4 –Communication Technologies: Satellite Communication, Interactive communication, Mobile Communication, Optical Communications and Networking, Wireless Communications and Networking, Future Internet Architecture and Protocols, Green Communications, Cloud Computing and Networks, Digital Modulation and Signal Processing, Coding and Information Theory, Speech/Image/Video Processing and Communications, Networked Control Systems, Networked Robots and Devices, Cloud and Swarm Robotics, Multimodal Human-Machine Interaction, Virtualization, Virtual Private Cloud & Services, and related topics