



November 25 – 28, 2018 – Chiang Rai, Thailand

Special Session on “SMART DEVICE AND ITS APPLICATIONS”

This special session in Global Wireless Summit-2018 conference will provide a forum of discussion about the challenges incurring in Smart Devices

Session Theme:

Magic is what the advancement of technology has achieved. And now integration of intelligence with technology is the need of time to reduce human efforts and enhance accuracy and efficiency in technology; to create a magic of whole different level.

The Smart devices/systems are revolutionizing the world by linking innovative thinking with innovative action and innovative implementation almost in every aspect of human life i.e. health, assistance, home, sports, automobile, city, industry, automation, environment, making our world, a smart planet, to live in. Foremost part of the smart system are data gathering, processing, analysis and decision making capability which makes the system smart.

Data gathering/collection is usually done with the help of sensor, whereas processing helps to transfer the raw data into useful information. Then the analysis of data helps finally to perform the task of decision making with the help of intelligent algorithms. Exponential growth of communication and VLSI design have given the opportunity to replace conventional monitoring and recording systems, and made the job easier. Evolutionary techniques and innovative algorithm have made decision making easier.

The focus of SMART device is in various different field of application of these smart systems. In our endeavor we consider some of such field of study.

Scientific and original research papers are invited in the following theme areas for oral presentations during the conference. All papers will be peer-reviewed. Please see the Call for paper submission of 4-5 page for consideration of oral presentation. This special session will be focusing on the following topics **(but not limited to):**

- Sensors
- Telemedicine
- Wearable devices
- Molecular communication
- Brain computer interface (BCI)
- Smart medical devices
- IOMT/IOT
- Artificial Intelligence for Smart Device/System
- Analytics & Data for Smart Device/System
- Health/sensor- cloud/Fog
- E-Health Big data
- Security of Health Network
- Ambient assisted living
- Future/digital health cities
- Sensible city networks
- Smart hospital/home
- Indoor communications for Smart Device/System
- Smart mobility
- Ubiquitous computing
- Rural communications
- Smart multimedia services
- Smart energy and optimal consumption
- Smart systems for behavior analysis
- Sustainability
- Quality of health
- Health informatics

Important Dates:

Deadline for Paper submission for special session: 31st, August 2018

Notification of acceptance: 15th September, 2018

Dead line for final manuscript: 30th September, 2018

Deadline for Early Registration: 05th October, 2018

Paper Submission: All papers prepared properly in English, of 3 – 5 pages in standard IEEE two-column format only and must be submitted electronically through the [EDAS](https://edas.info/newPaper.php?c=24663&track=93012) online submission system. The authors must agree to the IEEE copyright conditions available as part of the online submission process. All submitted papers will be peer-reviewed by the Technical Program Committee (TPC). Accepted and presented papers will be submitted to the IEEE Xplore. [\[Please click here to download the proper template.\]](#)

Paper Submission at EDAS- <https://edas.info/newPaper.php?c=24663&track=93012>

Conference website: <http://web2.mfu.ac.th/conferences/wpmc2018/>

Special Session Organized by: Dr. Bharat Gupta, NIT Patna, India & Dr. Sanchita Ghosh, IEM, Kolkata, India