

## **SPECIAL SESSION SS23: Circuits and Systems for Artificial Computation and Communication**

### **Organizers:**

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With the involvement of researches in artificial systems different kinds of modernization and standardization have been emerged in day-to-day life. However, that circuits and systems require improvement on their usage as well as their accuracy of operation. Therefore, various proposals such as machine learning-based systems, Remote monitoring and IoT sensing, CNN & DNN-based circuits & systems, Mobile diagnosis and Intelligence in medicine as well as SoC for sophisticated applications, etc., are currently being emerged.

This special session invites authors from academia and industry to contribute their innovative ideas on the field of modern circuits and systems. This special session focuses original research and review articles that will motivate young researchers to make efforts on improving the present state on various circuits and systems used for artificial computing and communication.

### **Topics of Interest include, but are not limited to...**

- Machine Learning-based Computing
- Robotics Systems and Automation
- CNN and DNN-based Circuits
- Mobile Diagnosis and Intelligence in Medicine
- Remote Monitoring and IoT Sensing
- Computer Vision and Pattern Analysis
- Reconfigurable and Embedded Computing



# International Conference on Smart Technologies in Computing, Electrical and Electronics

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- Smart Vehicles and Traffic Control
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- Energy Generation and Management System
- Home and Campus Automation System
- Emotion Analysis Systems
- Multimedia Processing
- Intelligent Cyber Security
- Machine to Human Interaction
- System on Chip (SoC) for Sophisticated Applications

