



Special Session on

“Big Data, Cloud Computing : Future and Challenges”

Session Chairs



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This special session will encompass all aspects of embedded system and image processing techniques which are considered emerging research fields that have recently drawn much attention from computer science and information technology as well as from social sciences and other disciplines.

Big data and smart computing are emerging research fields that have recently drawn much attention from computer science and information technology as well as from social sciences and other disciplines.

Topic Areas

The topics of interest include (but are not limited to) the following: Big data and cloud computing:

- Techniques, models and algorithms for big data
- Machine learning and AI for big data

- Web search and information retrieval
- Models and tools for smart computing
- Cloud and grid computing for big data
- Security and privacy for big data
- Smart devices and hardware
- Big data applications: Bioinformatics, Multimedia, Smartphones, etc.
- Tools and systems for big data
- Data mining, graph mining and data science
- Infrastructure and platform for smart computing
- Big data analytics and social media
- Hardware/software infrastructure for big data
- Mobile communications and networks
- Smart location-based services

Embedded Systems: Power/Thermal Aware Design Issues Fault Tolerance and Security
 Sensor-based Systems and Applications (Heterogeneous) Multi-Core Embedded Systems
 Operating Systems and Scheduling Embedded Software and Compilers

Embedded Systems and Design Methods for Cyber-Physical Systems Reconfigurable
 Computing Architectures and Software Support Embedded System Architectures
 Ubiquitous and Distributed Embedded Systems and Networks Image Processing: Image
 Acquisition & Medical Image Processing Pattern Recognition and Analysis Visualization
 Image Coding and Compression Face Recognition and Super-Resolution Imaging Image
 Segmentation Face Recognition 3-D and Surface Reconstruction 3D and Stereo Imaging
 Analog and Mixed Signal Processing Application and Others Applications (Biomedical,
 Bioinformatics, Genomic, Seismic, Radar, Sonar, Remote Sensing, Positioning, etc.) Array
 Signal Processing Audio/Speech Processing and Coding Digital and Mobile Signal
 Processing Statistical and Optical Signal Processing Data Mining Techniques Motion
 Detection Content-based Image Retrieval Video Signal Processing.

Instruction to Authors:

- Please send your paper (only in word format) to **rmohanasundaram.vit@gmail.com** with **‘MRCET-2019’** mentioned in the subject line.

- Papers should be in Springer AISC format.
- Number of pages should not exceed 8.
- Corresponding Author mail id should be mentioned in paper.
- All the references should be cited properly.
- If you used any human image for simulation purpose, source and acknowledgement is mandatory.

IMPORTANT DATES:

Paper Submission Deadline -March 15, 2019