

Special Session on

“Big Data, Cloud Computing and Multi-Core Embedded System (BccMES)- 2018”

Session Chairs



VIT[®]

Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)



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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 bccmes2018@gmail.com with **‘BccMES-2018’** 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 - 15th October 2018

Notification of Acceptance - 10th November 2018

Camera Ready Copy Submission & Author Registration - 15th November