



International Conference

on

Sustainable Computing in Science, Technology & Management (SUSCOM-2019)

February 26 - 28, 2019 | Amity University Rajasthan, Jaipur, India

Recent Trends for Feature Extraction and Classification in Biomedical Imaging

Dr. Ramanathan L, Vellore Institute of Technology-Tamil Nadu, India
lramanathan@vit.ac.in, rama812@gmail.com

Dr. Rajkumar Soundrapandiyan, Vellore Institute of Technology-Tamil Nadu, India
rajkumarsrajkumar@gmail.com

Aims & Scope:

The main focus of this special issue will be on recent advance techniques in feature extraction and classification methods for biomedical imaging. New local feature descriptor methods, machine learning methods, deep learning methods or the hybrid methods along with the existing methods for medical imaging are highly preferred.

Subtopics:

- Feature extraction, selection and description for medical image analysis (such as disease diagnosis, treatment planning, image-guiding for radiologists, and so on.)
- Multimodal medical image fusion for storage space reduction.
- Visual features for medical image segmentation.
- Feature extraction for visualization of medical imaging.
- Local feature descriptor for medical image retrieval systems.
- Deep learning techniques for medical image classification and recognition.
- Detection and content understanding of medical imaging for healthcare application.
- Enhancement and reconstruction of medical imaging.
- Classification tools for image-based diagnosis.
- Machine learning techniques for biomedical image applications.

Technical Programme Committee(s):

- Dr. P V S S R Chandra Mouli, National Institute of Technology, Jamshedpur.
- Dr. Prasanthvaidya Sanivarapu, Gayatri Vidya Parishad College of Engineering (Autonomous), Visakhapatnam.
- Dr. S. Kavitha, SSN College of Engineering, Chennai.
- Dr. Swarnalatha P, School of Computer Science & Engineering, VIT, Vellore.

Submission Procedure:

Researchers and practitioners are invited to submit papers through the below given easy chair link:

<https://easychair.org/conferences/?conf=suscom2019>.

Select the special session track from the listed track. All submissions must be original and may not be under review by another publication. The submitted papers will be reviewed on a double-blind and peer review basis.

Publications:

All registered and presented papers will be published in the **ELSEVIER-SSRN Digital Library** at <https://hq.ssrn.com/conference=SUSCOM-2019>. Extended versions of selected papers will be considered for the special issue of journals indexed in ESCI, Scopus, SCIE, DBLP, Web of Science, ACM, Compendex, INSPEC, Thomson Reuters, Cabell's Directories to name a few.

All inquiries should be directed to the attention of Session Chair/Co-Chair:

Name: Dr. Ramanathan L

Designation: Assistant Professor (Selection Grade)

Email Id: lramanathan@vit.ac.in

Contact Number: +91-9894411988