



CALL FOR PAPERS

Special Session on “Image and Video Processing for Smart Surveillance Systems using Deep Learning”

Session Chair(s):

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Theme of Session:

This special session is to demonstrate the power of machine learning and deep learning techniques for image and video processing towards developing smart surveillance systems. Most prevalent scenario in the society is the use of surveillance cameras in various places such as schools, universities, shopping malls, airports, banks, military offices, security gateways, tollgates, safety cars, etc. It is important to analyze the content recorded in these cameras for securing and safeguarding smart environment. This proposed session will gather researchers from academia, research organizations and industry to showcase the latest research findings, work-in-progress and to explore newer application of smart surveillance in the real world.

Topics of Interest:

We invite original (un-published) research contributions based on the above mentioned theme including following topics **but not limited to**:

Deep learning algorithms for smart surveillance systems
Deep Learning Architectures and Frameworks for Image and Video based surveillance
Anomaly Detection in Video
Face Recognition
Image Segmentation
Image Recognition
Automatic Image Caption Generation
Automatic Colorization
Tracking and Detection
Image or Video Classification
Person Re-Identification
Video Processing using Deep Learning



Paper Submission Process:

Please submit your paper (in word/pdf format) at
email: boominathan.p@vit.ac.in, jnswathi@vit.ac.in
with 'Name of Special Session: ' mentioned in the subject line.

Program Committee:

1. Prof. H.R. Vishwakarma, Senior Professor, VIT, Vellore
2. Dr. Don. S, Associate Professor, VIT, Vellore
3. Dr. Sureshkumar. N, Associate Professor, VIT, Vellore
4. Dr. Arunkumar S, Associate Professor, VIT, Vellore
5. Prof. Krishnamoorthy, Assistant Professor(Senior), VIT, Vellore

For any further queries related to this special session, please contact the session chairs at:
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