

International Conference on Energy, Communication, Data Analytics and Soft Computing (ICECDS 2017)

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SessionTitle - Emerging Trends and Implications in Image Processing -2017 (ETIIP'17)

Special Session Coordinator Details

Name of the coordinator: Dr. Podugu Srinivasarao

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Theme and aim of the special section:

Evolutionary computation techniques of Image Processing Techniques and processing systems can produce multiple optimization techniques which solve numerous problems in current generation. These techniques are very useful in many technologies like Biomedical, Defence, Satellites and what not. The advancements are yielding multiple innovations which make the utilization of devices cheaper. The scope of this special session to enhance the futuristic ideas which bloom new innovations. This session will not only enhance the ideas but it develops scope, direction and model which projects path towards success. We invite Management, Researchers, Academicians, Industry and participants from Technical Institutes, Parastatals and students working in this field to participate with us which not only benefits but enhances ideas.

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Topics:

The topics of interest for this session include but are not limited to:

- Active vision and robotic systems
- Architecture of imaging and vision systems
- Autonomous vehicles
- Biometric analysis of crime scene traces and their forensic interpretation
- Character and handwritten text recognition
- Chemical and spectral sensitization
- Chemistry of photosensitive materials
- Coding and transmission
- Cognitive aspects of image understanding
- Cryptography
- Data fusion from multiple sensor inputs
- Display and printing
- Document image understanding
- Generation and display
- Image analysis and interpretation
- Image compression techniques
- Event-based image processing
- Event-based data sampling scheme
- Event-based reading strategies for image sensors
- Frameless event-based image systems
- Event-driven vision sensing
- Set classification
- Anomaly detection
- Weakly supervised learning
- Image classification
- Bag-of-words methods
- Object localization and tracking in images
- Group-based classification
- Image processing applications
- Image processing: coding analysis and recognition
- Image sensing
- Imaging systems and image scanning
- Implementation and architectures
- Monitoring and surveillance
- Network architecture for real-time video transport
- Remote image sensing
- Retrieval and multimedia
- Signal-processing aspects of image processing
- Storage and transmission
- Video coding algorithms and technologies for ATM/p

Please Submit your Papers to: srinu.instru@gmail.com