Special Session on “Computer Vision & Image Processing (CVIP)”

Session Chair(s):
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Theme of Session:
Over the last decades, there has been an increasing interest in using machine learning combined with computer vision techniques to create autonomous systems that solve vision problems in different fields. This special session is designed to serve researchers and developers to publish original, innovative and state-of-the-art algorithms and architectures for real-time applications in the areas of computer vision, image processing, biometrics, virtual and augmented reality, neural networks, intelligent interfaces and biomimetic object-vision recognition.

This special session provides a platform for academics, developers, and industry-related researchers belonging to the vast communities of Neural Networks, Computational Intelligence, Machine Learning, Biometrics, Vision Systems, and Robotics, to discuss, share experience and explore traditional and new areas of the computer vision and machine learning combined to solve a range of problems. The objective of the special session is to integrate the growing international community of researchers working on the application of Machine Learning in Vision and Robotics to a fruitful discussion on the evolution and the benefits of this technology to the society.
Topics of Interest:
We invite original (un-published) research contributions based on the above mentioned theme including following topics **but not limited to**:

- Computer Vision and Image Processing Theory
- Machine Learning applied in Computer Vision
- 3D Scene Reconstruction
- Medical and Biological Image Analysis
- Biometrics
- Document Analysis and Recognition
- Face and Gesture Recognition
- Action Recognition
- Anomaly Behavior Recognition
- Image Retrieval and Storage
- Motion and Tracking
- Video Analytics
- Hardware implementation (GPUs, FPGA,…)
- Intelligent Surveillance Systems

**Paper Submission Process:**
Please submit your paper (in word/pdf format) at email: hvyusynh@hcmiu.edu.vn with ‘Special Session on CVIP: ’ mentioned in the subject line.

**Program Committee:**
Dr. Synh Viet-Uyen Ha (HCMIU, Vietnam)

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