Special Issue

Advances in Computer Vision and Multimedia Information Processing

Message from the Guest Editors

Currently, the application of Computer Vision (CV) and Multimedia Information Processing (MIP) is extensive, feasible and sound. However, there are still several challenges regarding the implementation of CV and MIP, including noise samples, multimodal semantic gap, etc. Advanced CV and MIP technologies are urgently needed to mitigate these issues. The focus of this Special Issue is related to the model design and implementation of advanced CV and MIP technologies. Topics of interest include (but are not limited to):

- Novel CV and MIP learning methods and algorithms;
- Compression and acceleration for CV and MIP models;
- Effective multi-modality fusion methods for Multimedia applications;
- High-performance CV and MIP methods for image classification, object detection, etc;
- Interpretable methods for model understanding and data analysis;
- Data-privacy protected CV and MIP technologies;
- Effective learning from noisy data;
- Model attack and defense for CV and MIP models.

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Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

Editor-in-Chief

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