

Special Issue

Emerging Trends in Advanced Video and Sequence Technology

Message from the Guest Editors

With the expansion of short-video applications, video surveillance, intelligent video analysis, as well as general sensor-based sequence processing, such as lidar or mobile sensors, and combined video/sensor applications, such as autonomous driving, video and general sequences have become more and more popular. This Special Issue focuses on the emerging trends in advanced video and sequence technologies. Specific topics of interest include, but are not limited to:

- Video coding, including deep learning enhanced methods, fully deep learning-based methods;
- Video processing, including super-resolution, denoising;
- 3D video processing, including video-based depth estimation, vision based autonomous driving;
- Video/sequence-based recognition, including action recognition, skeleton-based action recognition, video-based object detection/segmentation, smartphone-based recognition;
- New video/sequence representation format, including light field, virtual reality;
- Various sequence applications and processing methods;
- New tools for video/sequence processing, including enhanced and specialized transformer, IndRNN, and others.



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Message from the Editor-in-Chief

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.

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