# **Special Issue**

# Image/Video Processing and Encoding for Contemporary Applications

### Message from the Guest Editor

Even though the topics of image/video signal processing and compression have been studied for many years, the research trend is evolving with recent emerging ideas and methods for various new applications and needs. Also, there are increasing numbers of papers to apply machine learning and learning-based approaches to image and video encoding and image communication areas. These image/video processing and encoding with Al techniques show a state-of-the-art performance at diverse applications: autonomous driving, medical imaging, CCTV surveillance, factory inspection, and communication, etc. Topics of interest include, but are not limited to:

- Image/video acquisition, representation, presentation, and display
- Image/video processing, filtering and transforms, analysis and synthesis
- Learning and understanding of image/video data
- Image/video compression, transmission, communication, and networking
- Image/video pre/post-processing, video restoration, and super-resolution, etc.
- Machine learning/deep learning schemes for image/video processing and coding
- Diverse image/video applications such as medical imaging, autonomous driving, etc.

### **Guest Editor**

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### Deadline for manuscript submissions

closed (31 May 2024)



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#### Editor-in-Chief

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