

Special Issue

New Technology of Image & Video Processing

Message from the Guest Editors

With the emergence and popularity of cell phones and cameras, we have witnessed an unprecedented growth in the volume of images and videos. To process these image and video data effectively and efficiently, image and video processing (IVP) has been studied for use in various multimedia-related computing applications.

However, some IVP problems remain unsolved: how to adapt generic image or video feature representations to specific deployments to improve accuracy; how to utilize the latest learning methods to solve real-life visual problems, such as preventing pollution with remote sensing images and detect anomalies in car parts using CCTV camera video; and how to build cloud platforms that can cope with a seemingly unlimited supply of content coming from traditional media sources. When IVP is introduced to real-life applications, many interesting issues and challenges will be created. Therefore, we expect new technologies, models, frameworks and architectures to tackle the IVP problems in a big data context.

Guest Editors

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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 guest-edited by leading experts in selected topics of interest.

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