Cutting Edge Advances in Image Information Processing

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Message from the Guest Editors

Dear Colleagues,

Image information processing is a set of techniques that have been developed over the last 30 years, increasing in complexity and with a diverse range of applications. It is related to the fields of vision, imaging, display, medicine, image understanding, virtual reality, and so on.

In the last decade, the discipline has undergone a remarkable evolution, with the availability of large volumes of data and the increase in computational power. In particular, deep learning has been developed for promoting the algorithms of image processing and has recently achieved great success over conventional techniques. The image information processing tasks mainly consist of image classification, detection, denoising, retrieval, or segmentation.

This Special Issue aims at presenting the latest advances in image information processing techniques and their contribution to a wide range of application fields, in an attempt to foresee where they will lead the discipline and practice in the coming years.

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Special Issue

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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